

USB микроскопы (USB) Edge

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: deg@nt-rt.ru || сайт: <https://dino-lite.nt-rt.ru/>

Dino-Lite Edge Series

AF4115-N2UT



Wireless Ready Capillaroscope

The Dino-Lite Edge 1.3MP AF4115-N2UT uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of fingers.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope and includes the popular FLC feature.

This nailscope can be used as a handheld microscope or with a stand with a range of 10x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion.

Similar model available:

White Model: AF4115-N2UT(W)

Available Bundle: AF4115-N2UT(W) + WF-20(W)

USB Microscope and Wireless Adapter with White Polycarbonate Resin, includes curved cap. Provides ability for the scope to be used wirelessly.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm

Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

★ Units shown in millimeter

Dino-Lite Edge Series

AF4115-N2UT(W)



Wireless Ready Capillaroscope

The Dino-Lite Edge 1.3MP AF4115-N2UT(W) uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of fingers. The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope and includes the popular FLC feature. This nailscope can be used as a handheld microscope or with a stand with a range of 20x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion.

- [Related article: Capillaroscopy for Examining Microcirculation](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Edge Series

AF4115TF



Wireless Ready with Extra Long WD

The official magnification range of this microscope is 10x – 70x, however, this model is capable of focusing at 1x at longer distances. Please contact us for more information.

The Dino-Lite AM4115TF Edge Series Extra-long Working Distance (ELWD) model is designed to provide extra-long working distance with a magnification range of 1x – 70x. At 10x with 19" working distance and 70" at 4.25".

With Edge optics quality, the ELWD lens reveals minute details with minimum 108mm working distance at maximum magnification of 70x, making it well-suited for observations requiring ample space between microscope and object.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70
Working Distance	503	271	196	159	135	120	108
Field of View	39.1 x 31.3	19.5 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	5.6 x 4.5
Depth of Field	31.49	8.67	4.2	2.56	1.76	1.31	1.03

★ Units shown in millimeter

Dino-Lite Edge Series

AF4115T-GRFBY



Dual 465nm and 580nm LEDs for Green/Red Fluorescence

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances. Some models can even focus below 5x. Please contact us for more information.

The Dino-Lite Edge AF4115T-GRFBY digital microscope is optimized for research and viewing objects involving fluorescent objects using 2 different sets of LED's, 4 Blue LEDs at an excitation of 465nm and 4 Yellow LEDs at an excitation of 580nm which are switchable through the software, and 505-540nm / 610-720nm dual band emission filter

This model was designed for applications in which GFP and RFP such as mCherry are being used in the same specimen, eliminating the need to switch microscopes and/or lighting and filters but also effective in dsRed applications. The AF4115T-GRFBY can magnify up to 220x magnifications depending of working distance. Green fluorescent objects pop out under this handheld microscope and you can clearly see its green glow.

Related Article: [Dino-Lite LED wavelength information](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC

LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

★ Units shown in millimeter

Dino-Lite Edge Series

AF4115ZTF



Wireless Ready with Polarizer & Extra-long WD

The official magnification range of this microscope is 10x – 70x, however, this model is capable of focusing at 1x at longer distances. Please contact us for more information.

The Dino-Lite AF4115ZTF Edge Series an Extra-long Working Distance (ELWD) polarizing model is designed to provide extra-long working distance with a magnification range of 1x – 70x. At 10x with 19" working distance and 70" at 4.25".

With Edge optics quality, the ELWD lens reveals minute details with minimum 108mm working distance at maximum magnification of 70x, making it well-suited for observations requiring ample space between microscope and object. The built on polarizer helps reduce or eliminate glare on reflective surfaces providing a clearer view and high quality image.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70
Working Distance	503	271	196	159	135	120	108
Field of View	39.1 x 31.3	19.5 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	5.6 x 4.5
Depth of Field	31.49	8.67	4.2	2.56	1.76	1.31	1.03

* Units shown in millimeter

Dino-Lite Edge Series

AF4115ZTW



Wireless Ready with FLC, Polarizer & Wide FOV

The official magnification range of this microscope is 10x to 50x, however, this model is capable of focusing as low as 2x at longer distances. Please contact us for more information.

The Dino-Lite Edge 1.3MP AF4115ZTW is designed for wide-angle macro applications providing a 10x – 50x magnifications with FLC. It is designed for wide-angle macro applications providing a 10x – 50x magnification range. It delivers higher image quality with Larger Field-of-View (FOV) and Depth-of-Field (DOF), which makes it ideal for macro viewing applications.

With a working distance of more than 1cm from the target, once in focus, rotating the knob will receive another focal point, and thus effectively zoom in the image optically. You will notice this model has a different magnification dial label than other models, splitting each side, displaying T on one side and W on the the other, each with their own respective Working Distance / Field of View.

Polarization can be switched on/off or can be adjusted to offer full or half polarization for controlling glare, revealing more details, or to enhance the contrast on the surface by reducing or eliminating the reflections

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g

Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	T	50	40	30	20	15	W	30	20	15	10	5
Working Distance	T	17.5	37.5	67.5	127.5	177.5	W	17.5	37.5	47.5	67.5	177.5
Field of View	T	9 x 7	11 x 9	15 x 12	23 x 19	30 x 24	W	14 x 11	25 x 20	31 x 25	41 x 33	98 x 78
Depth of Field	T	3	4	6	-	-	W	6	-	-	-	-

★ Units shown in millimeter

Dino-Lite Edge Series

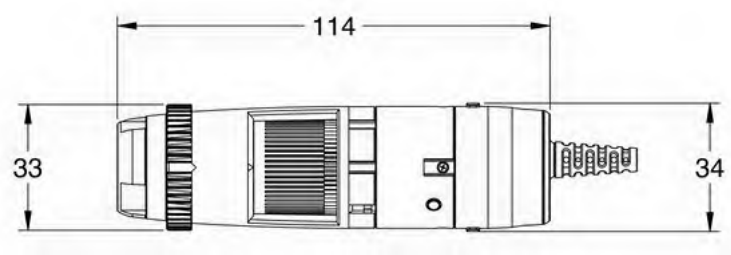
AF4135ZTE



Expanded Magnification, Wireless Ready with FLC & Polarizer

The AF4135ZTE digital microscope excels with its versatile magnification range of 10x ~ 330x, ensuring detailed exploration across various applications. This model also includes an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This models expanded magnification range offers a similar working distance range compared to the previous AF4115ZT series, with the ability to achieve higher magnifications.



Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270
---------------	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Working Distance	98.9	58.5	38.7	27.2	19.9	14.9	11.5	9	7.2	5.9	4.9	4.3	3.9	3.7	3.6	3.7	3.8	4.1	4.4	4.7	5.2	5.6	6.2	6.7	7.3	7.9	
Field of View	19.5	13 x	9.8	7.8	6.5	5.6	4.9	4.3	3.9	3.6	3.3	3 x	2.8	2.6	2.4	2.3	2.2	2.1	2 x	1.9	1.8	1.7	1.6	1.6	1.5	1.4	
	x	9.8	x	x	x	x	x	x	x	x	x	2.3	x	x	2	x	x	x	1.5	x	x	x	x	x	x	x	
	14.7		7.3	5.9	4.9	4.2	3.7	3.3	2.9	2.7	2.4		2.1		1.8	1.7	1.6	1.5		1.4	1.3	1.3	1.2	1.2	1.1	1.1	
Depth of Field	14.6	6.8	4	2.7	2	1.5	1.2	1	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	
* Units shown in millimeter																											

Dino-Lite Edge Series

AF4515-FIT



850nm Infrared Microscope

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances. Some models can even focus below 5x. Please contact us for more information.

The Dino-Lite Edge AF4515-FIT handheld digital microscope features 850nm infrared LED lighting, views and records images at 1.3 Megapixels, displaying objects with great image quality. The AF4515-FIT can magnify at various magnifications depending of distance as low as 10x with a maximum magnification of 220x.

The AMR feature displays the current magnification on screen with the included software for Windows or Mac OS. AMR is only available on specific Edge Series AMR models.

The Wireless-Ready adaptable design allows this scope to be easily converted to wireless with the WF-20 (sold separately)

Included with the Dino-Lite handheld digital microscope is the DinoCapture software, enabling you to perform measurement and measurement calibration for greater precision work or capture either a photograph, video, or time-lapsed video within a few simple clicks.

NOTE: AF4515-FIT IS THE UPDATED VERSION OF THE DISCONTINUED MODEL, AM4115-FIT

Related links:

- LED wavelength information

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)

Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Edge Series

AF4515-FJT



940nm Infrared Microscope

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances.
Some models can even focus below 5x. Please contact us for more information.

Equipped with a 940 nm light, AF4515-FJT is suitable for examining targets with infrared transmissive or reflective surfaces. Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process. The LED intensity could be adjusted within six levels for providing further illumination flexibility. This model is compatible with WF-20 Wi-Fi streamer to transform AF4515-FJT into a wireless digital microscope.

Related links:

- [LED wavelength information](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC

LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Edge Series

AF4515-FKT



780nm Infrared Microscope

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances. Some models can even focus below 5x. Please contact us for more information.

Equipped with a 780nm light, AF4515-FKT is suitable for examining targets with infrared transmissive or reflective surfaces. The LED intensity could be adjusted within six levels for providing further illumination flexibility. This model is compatible with WF-20 Wi-Fi streamer to transform AF4515-FKT into a wireless digital microscope.

Related links:

- [LED wavelength information](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Edge Series

AF4515-FVT



Wireless Ready with 395nm UV LEDs

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances.
Some models can even focus below 5x. Please contact us for more information.

The AF4515-FVT Dino-Lite Edge handheld digital microscope offers near UV-fluorescent LED's with a spectrum of 395nm and comes with a high quality 1.3 megapixel sensor which allows users to examine object with the greatest of details.

AMR displays the current magnification on screen with the included software for Windows or Mac OS.
AMR is only available on specific Edge Series AMR models.

The AF4515-FVT provides various magnifications depending on distance, with a maximum magnification over 220x under UV-fluorescent light.

The new Wireless-Ready adaptable design allows this scope to be easily converted to wireless with the WF-20 (sold separately).

Related links:

- [LED wavelength information](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g

Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Dino-Lite Edge Medical

AF4515-N2UT



Wireless Ready Capillaroscope

Dino-Lite Edge Capillaroscope AF4515-N2UT uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of finger nailbed. The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope and includes the popular FLC feature.

This nailscope can be used as a handheld microscope or with a stand with a range of 10x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion. This model AF4515-N2UT includes the popular Automatic Magnification Reading (AMR) feature which displays the current magnification directly into the software.

- [Related article: Capillaroscopy for Examining Microcirculation](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC

LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

★ Units shown in millimeter

Dino-Lite Dino-Lite Edge Medical

AF4515-N4UT



Wireless Ready Capillaroscope

The AF4515-N4UT Dino-Lite CapillaryScope uses the high-quality Edge Series sensor and optics with a magnification range of 400x – 470x intended for the inspection of microcirculation (microcapillary function) of the blood vessels under fingernails. The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope and includes the popular FLC feature. The curved cap (N3C-N) provides easy focusing and stability over the fingernail viewing area and the sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion. The built-in adjustable polarizer provides additional convenience as well as imaging ability by eliminating glare and viewing through polarized light..

- [Related article: Capillaroscopy for Examining Microcirculation](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	400	410	420	430	440	450	460	470
Working Distance	5.1	6	7.3	8	8.8	10	11.3	11.8
Field of View	0.971 x 0.713	0.951 x 0.697	0.926 x 0.680	0.905 x 0.664	0.884 x 0.648	0.867 x 0.636	0.847 x 0.621	0.828 x 0.608
Depth of Field	-	-	-	-	-	-	-	0.04

★ Units shown in millimeter

Dino-Lite Edge Series

AF4515T5



Wireless Ready with FLC, AMR & High Mag

The AF4515T5 Edge series handheld microscope features a high magnification of 500x – 550x, improved optics for sharper images, and Automatic Magnification Reading (AMR) for easy measurement.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope. Using the included software, the AF4515T5 can detect and display the magnification, and store it with the captured picture automatically, making it especially useful for applications when reading the magnification is not feasible or difficult. AMR also brings more accuracy by eliminating the process of visually reading the magnification, while keeping the possibility to be further calibrated in the included software.

FLC LED Control gives you brightness adjustment and command of the LED on/off toggle options.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	500	550
Working Distance	9.5	9.2
Field of View	0.8 x 0.6	0.7 x 0.6
Depth of Field	0.15	0.12

* Units shown in millimeter

Dino-Lite Edge Series

AF4515T-FUW



Wireless-Ready, 375nm Ultraviolet Microscope with AMR, FLC

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances.
Some models can even focus below 5x. Please contact us for more information.

The AF4515T-FUW Dino-Lite Edge handheld digital microscope offers near UV-fluorescent LED's with a spectrum of 375nm and comes with a 1.3 megapixel sensor which allows users to examine object with the greatest of details.

The AF4515T-FUW provides various magnifications depending on distance, with a maximum magnification over 220x under UV-fluorescent light.

AMR displays the current magnification on screen with the included software for Windows or Mac OS.
AMR is only available on specific Edge Series AMR models.

The new Wireless-Ready adaptable design allows this scope to be easily converted to wireless with the WF-20 (sold separately)

Related links:

- [LED wavelength information](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g

Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Edge Series

AF4515T-FVW



395nm Ultraviolet Microscope with AMR, FLC

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances.
Some models can even focus below 5x. Please contact us for more information.

The AF4515T-FVW Dino-Lite Edge handheld digital microscope features both white and 395nm UV fluorescent LEDs. 1.3 megapixel sensor allows users to examine objects with the greatest of details.

This model offers the option of switching between white LED light and 395nm Ultraviolet light.

AMR displays the current magnification on screen with the included software for Windows or Mac OS.
AMR is only available on specific Edge Series AMR models.

The new Wireless-Ready adaptable design allows this scope to be easily converted to wireless with the WF-20 (sold separately)

Related links:

- [LED wavelength information](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm

Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

★ Units shown in millimeter

Dino-Lite Edge Series

AF4515T-JV



Wireless-Ready, Dual 395nm UV and 940nm NIR LEDs

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances.
Some models can even focus below 5x. Please contact us for more information.

The AF4515T-JV Dino-Lite Edge handheld microscope camera features both near infrared IR (940nm) and fluorescent ultra-violet (395nm) LED lighting in a single device now with the Edge Series sensor. Multiple lighting options provide the ability to view magnified objects under normal external lighting sources such as white light or under near IR, near fluorescent ultraviolet lighting by simply switching from one to the other. The IR can be used in document examination and newly enhanced UV system provides improved fluorescence contrasting for use in forensics, biomedical or machine vision applications. The ability to switch infrared (IR) to fluorescent UV as well as on/off provides the user flexibility and versatility.

Related links:

- [LED wavelength information](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC

LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

★ Units shown in millimeter

Dino-Lite Edge Series

AF4515TL-FVW



395nm Ultraviolet with Long WD, AMR, FLC

The official magnification range of this microscope is 10x to 140x, however, this model is capable of focusing at 5x at longer distances. Some models can even focus below 5x. Please contact us for more information.

The AF4515TL-FVW Dino-Lite Edge handheld digital microscope features both white and 395nm UV fluorescent LEDs. 1.3 megapixel sensor allows users to examine objects with the greatest of details.

Longer working distance is great for applications that require more space between object and microscope.
The AF4515TL-FVW offers the option of switching between white LED light and 395nm Ultraviolet light.
AMR displays the current magnification on screen with the included software for Windows or Mac OS.
The new Wireless-Ready adaptable design allows this scope to be easily converted to wireless with the WF-20 (sold separately)

Related links:

- [LED wavelength information](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g

Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	234.5	112.5	72.5	54.5	43.5	37.5	33.7	31.3	29.9	29.2	29.1	29.3	29.8	30.5
Field of View	39.0 x 31.2	19.5 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.2	6.5 x 5.2	5.6 x 4.5	4.9 x 3.9	4.3 x 3.5	3.9 x 3.1	3.5 x 2.8	3.3 x 2.6	3.0 x 2.4	2.8 x 2.2
Depth of Field	12	4.5	3.1	1.8	1.2	0.9	0.6	0.5	0.37	0.28	0.22	0.17	0.12	0.09

* Units shown in millimeter

Dino-Lite Edge Series

AF4515ZT4



Wireless Ready with FLC, AMR, Polarizer & High Mag

The AF4515ZT4 Dino-Lite Edge features a High Magnification range of 400x – 470x with Automatic Magnification Reading (AMR) and delivers higher image quality with a state-of-the-art lens design, providing matchless image quality with stunning sharpness, least aberration, and least vignetting.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope. Using the included software, the AF4515ZT4 can detect and display the magnification, and store it with the captured picture automatically, making it especially useful for applications when reading the magnification is not feasible or difficult. AMR also brings more accuracy by eliminating the process of visually reading the magnification, while keeping the possibility to be further calibrated in the included software.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	400	410	420	430	440	450	460	470
Working Distance	5.1	6	7.3	8	8.8	10	11.3	11.8
Field of View	0.971 x 0.713	0.951 x 0.697	0.926 x 0.680	0.905 x 0.664	0.884 x 0.648	0.867 x 0.636	0.847 x 0.621	0.828 x 0.608
Depth of Field	-	-	-	-	-	-	-	0.04

★ Units shown in millimeter

Dino-Lite Dino-Lite Edge Medical

AF4535-N3UT

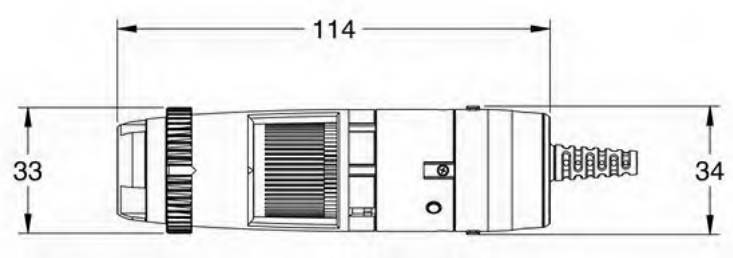


Wireless Ready Capillaroscope

AF4535-N3UT Capillaroscope includes a special curved cap (N3C-N) for convenient and effective nailfold capillaroscopy at 80x and 300x. This model also includes AMR, which displays the current magnification in real-time, an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This versatile nailscope can also be used as a handheld dermascope or general scope with a stand with a range of 10x – 330x. The included N3C-N cap is designed to fit comfortably over a fingernail for capillary viewing. Additionally, the sealed cap (N3C-C) can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion.

• [Related article: Capillaroscopy for Examining Microcirculation](#)



Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270
Working Distance	98.9	58.5	38.7	27.2	19.9	14.9	11.5	9	7.2	5.9	4.9	4.3	3.9	3.7	3.6	3.7	3.8	4.1	4.4	4.7	5.2	5.6	6.2	6.7	7.3	7.9
Field of View	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3 x 2.3	2.8 x 2.1	2.6 x 2	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2 x 1.5	1.9 x 1.4	1.8 x 1.3	1.7 x 1.3	1.6 x 1.2	1.6 x 1.2	1.5 x 1.1	1.4 x 1.1
Depth of Field	14.6	6.8	4	2.7	2	1.5	1.2	1	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2

★ Units shown in millimeter

Dino-Lite Edge Series

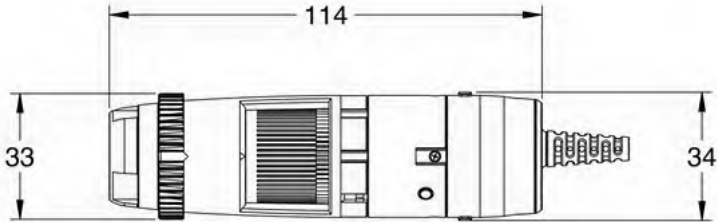
AF4535ZTE



Expanded Magnification, Wireless Ready with AMR, FLC & Polarizer

The AF4535ZTE digital microscope excels with its versatile magnification range of 10x ~ 330x, ensuring detailed exploration across various applications. This model also includes AMR, which displays the current magnification in real-time, an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This models expanded magnification range offers a similar working distance range compared to the previous AF4x15ZT series, with the ability to achieve higher magnifications.



Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270

Working Distance	98.9	58.5	38.7	27.2	19.9	14.9	11.5	9	7.2	5.9	4.9	4.3	3.9	3.7	3.6	3.7	3.8	4.1	4.4	4.7	5.2	5.6	6.2	6.7	7.3	7.9
Field of View	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3 x 2.3 2.1	2.8 x 2.1	2.6 x 2	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2 x 1.5	1.9 x 1.4	1.8 x 1.3	1.7 x 1.3	1.6 x 1.2	1.6 x 1.2	1.5 x 1.1	1.4 x 1.1
Depth of Field	14.6	6.8	4	2.7	2	1.5	1.2	1	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2

* Units shown in millimeter

Dino-Lite Edge Series

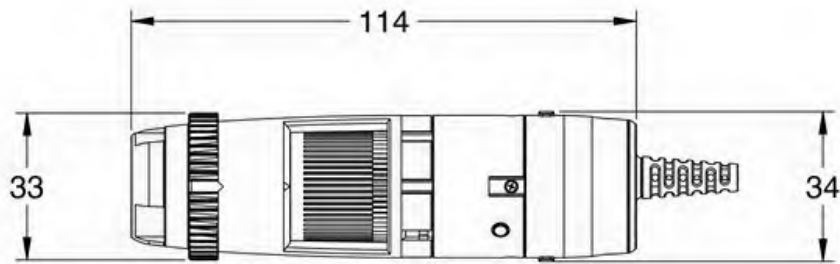
AF4535ZTLE



Expanded Magnification, Wireless Ready with AMR, FLC, Polarizer & Long WD

The AF4535ZTLE is a long working distance digital microscope with a range of 10x ~ 200x. This model includes AMR, which displays the current magnification in real-time, an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This models expanded magnification range offers a similar working distance range compared to the previous AF4x15ZT series, with the ability to achieve higher magnifications.



Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Working Distance	357.7	174.6	114.5	85.2	68.2	57.3	50	44.8	41.1	38.4	36.5	35.1	34.2	33.6	33.3	33.2	33.3	33.5	33.8	34.3
Field of View	39.1 x 29.3	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3.3 x 2.3	2.8 x 2.1	2.6 x 2	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2 x 1.5
Depth of Field	55.3	14.5	6.7	4.1	2.9	2.2	1.7	1.4	1.2	1	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4

* Units shown in millimeter

Dino-Lite Edge Series

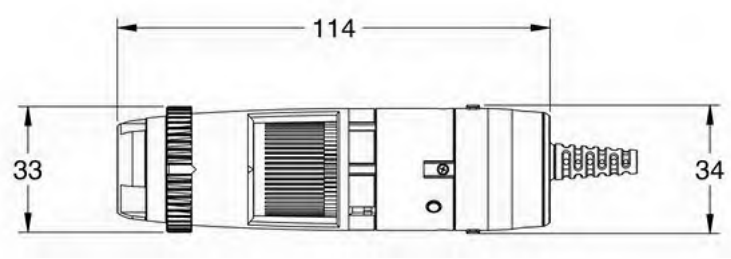
AF4935ZTE



Expanded Magnification, Wireless Ready with EDOF, AMR, FLC & Polarizer

The AF4935ZTE digital microscope excels with its versatile magnification range of 10x ~ 330x, ensuring detailed exploration across various applications. This model also includes EDOF focus stacking, EDR, AMR, which displays the current magnification in real-time, an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This models expanded magnification range offers a similar working distance range compared to the previous AF4x15ZT series, with the ability to achieve higher magnifications.



Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270
---------------	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Working Distance	100.1	59.6	39.8	29.3	21	16	12.5	10	8.2	6.9	6	5.4	5	4.7	4.7	4.7	4.9	5.1	5.4	5.8	6.2	6.7	7.2	7.7	8.3	8.9
Field of View	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3 x 2.3	2.8 x 2.1	2.6 x 2	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2 x 1.5	1.9 x 1.4	1.8 x 1.3	1.7 x 1.3	1.6 x 1.2	1.6 x 1.2	1.5 x 1.1	1.4 x 1.1
Depth of Field	14.6	6.8	4	2.7	2	1.5	1.2	1	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2

* Units shown in millimeter

Dino-Lite Edge Series

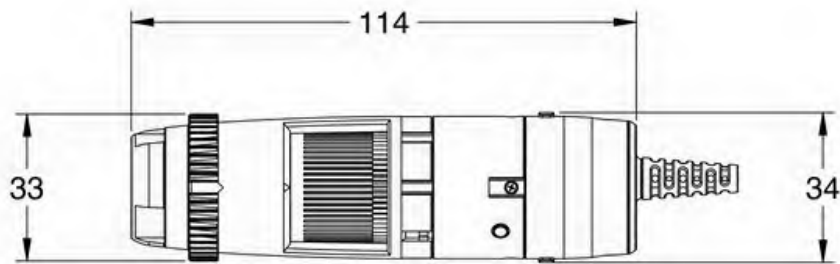
AF4935ZTLE



Expanded Magnification, Wireless Ready with EDOF, AMR, FLC, Polarizer & Long WD

The AF4935ZTLE is a feature-packed long working distance digital microscope with a range of 10x ~ 200x. This model includes EDOF focus stacking, EDR, AMR, which displays the current magnification in real-time, an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This models expanded magnification range offers a similar working distance range compared to the previous AF4x15ZT series, with the ability to achieve higher magnifications.



Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Working Distance	357.7	174.6	114.5	85.2	68.2	57.3	50	44.8	41.1	38.4	36.5	35.1	34.2	33.6	33.3	33.2	33.3	33.5	33.8	34.3
Field of View	39.1 x 29.3	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3.3 x 2.3	2.8 x 2.1	2.6 x 2	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2 x 1.5
Depth of Field	55.3	14.5	6.7	4.1	2.9	2.2	1.7	1.4	1.2	1	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4

★ Units shown in millimeter

Dino-Lite Edge Series

AF7115MZT



Wireless Ready 5MP with FLC & Polarizer

See the details you need on-the-go with the Dino-Lite AF7115MZT high-resolution digital microscope. This 5-megapixel handheld digital microscope includes FLC for accomplishing a wide variety of tasks.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	100	150	200	220
Working Distance	142.6	60.1	33.6	21	14	4.3	5.8	10.0	12.1
Field of View	39.6 x 29.7	19.8 x 14.8	13.2 x 9.9	9.9 x 7.4	7.9 x 5.9	4.0 x 3.0	2.6 x 2.0	2.0 x 1.5	1.8 x 1.3
Depth of Field	26.0	7	3.3	2.0	1.4	0.4	0.3	0.2	0.2

★ Units shown in millimeter

Dino-Lite Edge Series

AF7115MZTL



Wireless Ready 5MP with Long WD, FLC, & Polarizer

See the details you need while on-the-go with the Dino-Lite AF7115MZTL high-resolution digital microscope. This 5-megapixel handheld digital microscope with Long Working Distance includes FLC for accomplishing a wide variety of tasks.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	237.5	115.3	75.9	57.3	47.0	40.8	36.9	34.6	33.2	32.6	32.4	32.6	33.1	33.8
Field of View	39.6 x 29.7	19.8 x 14.8	13.2 x 9.9	9.9 x 7.4	7.9 x 5.9	6.6 x 4.9	5.7 x 4.2	4.9 x 3.7	4.4 x 3.3	4.0 x 3.0	3.6 x 2.7	3.3 x 2.5	3.0 x 2.3	2.8 x 2.1
Depth of Field	25.8	6.9	3.3	2.2	1.6	1.2	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.4

* Units shown in millimeter

Dino-Lite Edge Series

AF7115MZTW



Wireless Ready 5MP with FLC, Polarizer & Wide FOV

The official magnification range of this microscope is 10x to 50x, however, this model is capable of focusing as low as 2x at longer distances. Please contact us for more information.

The AF7115MZTW Dino-Lite Edge delivers 5MP image quality with Wide Field-of-View (WFOV) and Depth-of-Field (DOF), which makes it ideal for macro viewing applications. With a working distance of more than 1cm from the target, once in focus, rotating the knob will receive another focal point, and thus effectively zoom in the image optically. This offers the capability of looking into more detail while enjoying a larger field of view.

The freely adjustable polarizer helps to reveal more detail or to enhance the contrast on the surface by reducing or eliminating the reflections. This model includes the adaptable cap design, a detachable and interchangeable front cap design used in the Dino-Lite Edge series. Different caps have been developed for more applications. Simply removing the cap would yield more working distance which brings added convenience in the higher magnification range, or have better accessibility to the full range of magnification.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

Magnification / Field of View

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g

Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	T	50	40	30	20	15	W	30	20	15	10	5
Working Distance	T	23	43	72	128	183	W	19	33	47	76	163
Field of View	T	8 x 6	10 x 7	13 x 10	20 x 15	26 x 20	W	13 x 10	20 x 15	26 x 20	40 x 30	79 x 59
Depth of Field	T	4	6	11	27	48	W	7	14	25	57	297

* Units shown in millimeter

Dino-Lite Dino-Lite Medical Edge

AF7115MZTW-D



Wireless Ready, 5MP Dermoscope

The official magnification range of this microscope is 10x to 50x, however, this model is capable of focusing as low as 2x at longer distances. Please contact us for more information.

The AF7115MZTW-D Dino-Lite Medical Dermoscope, delivers 5MP image quality with Wide Field-of-View (WFOV) and Depth-of-Field (DOF), which makes it ideal for dermoscopy applications on skin. Once in focus, rotating the magnification dial will achieve another focal point, and thus effectively zoom in the image optically. Use the N3C-L Long Cap to provide a dual focus option of ~17x when in (T) Telephoto mode and ~47x in (W) Wide Angle mode. This model offers the capability of looking into more detail while enjoying a larger field of view.

The adjustable polarizer helps to reveal more details in subsurface structures in the superficial dermis. This model includes the adaptable cap design, a detachable and interchangeable front cap design used in the Dino-Lite Edge series.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable Dermoscope.

Magnification / Field of View

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm

Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	T	50	40	30	20	15	W	30	20	15	10	5
Working Distance	T	23	43	72	128	183	W	19	33	47	76	163
Field of View	T	8 x 6	10 x 7	13 x 10	20 x 15	26 x 20	W	13 x 10	20 x 15	26 x 20	40 x 30	79 x 59
Depth of Field	T	4	6	11	27	48	W	7	14	25	57	297

* Units shown in millimeter

Dino-Lite Edge Series

AF7515MZT



Wireless Ready 5MP with FLC, AMR & Polarizer

See the details you need on-the-go with the Dino-Lite AF7515MZT high-resolution digital microscope. This 5-megapixel handheld digital microscope includes advanced features FLC and AMR offering versatility for accomplishing a wide variety of tasks.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	100	150	200	220
Working Distance	142.6	60.1	33.6	21	14	4.3	5.8	10.0	12.1
Field of View	39.6 x 29.7	19.8 x 14.8	13.2 x 9.9	9.9 x 7.4	7.9 x 5.9	4.0 x 3.0	2.6 x 2.0	2.0 x 1.5	1.8 x 1.3
Depth of Field	26.0	7	3.3	2.0	1.4	0.4	0.3	0.2	0.2

* Units shown in millimeter

Dino-Lite Edge Series

AF7515MZTL



Wireless Ready 5MP Long WD, FLC, AMR & Polarizer

See the details you need while on-the-go with the Dino-Lite AF7515MZTL high-resolution digital microscope. This 5-megapixel handheld digital microscope with Long Working Distance includes advanced features FLC and AMR offering versatility for accomplishing a wide variety of tasks.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	237.5	115.3	75.9	57.3	47.0	40.8	36.9	34.6	33.2	32.6	32.4	32.6	33.1	33.8
Field of View	39.6 x 29.7	19.8 x 14.8	13.2 x 9.9	9.9 x 7.4	7.9 x 5.9	6.6 x 4.9	5.7 x 4.2	4.9 x 3.7	4.4 x 3.3	4.0 x 3.0	3.6 x 2.7	3.3 x 2.5	3.0 x 2.3	2.8 x 2.1
Depth of Field	25.8	6.9	3.3	2.2	1.6	1.2	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.4

* Units shown in millimeter

Dino-Lite Dino-Lite Edge Medical

AF7515-N2UT



Wireless Ready Capillaroscope

The Dino-Lite Edge 5MP AF7515-N2UT uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of fingers. The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope and includes the popular FLC feature.

This high resolution nailscope can be used as a handheld dermascope or general scope with a stand with a range of 10x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion. This model AF7515-N2UT includes the popular Automatic Magnification Reading (AMR) feature which displays the current magnification directly into the software.

- [Related article: Capillaroscopy for Examining Microcirculation](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC

LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	100	150	200	220
Working Distance	142.6	60.1	33.6	21	14	4.3	5.8	10.0	12.1
Field of View	39.6 x 29.7	19.8 x 14.8	13.2 x 9.9	9.9 x 7.4	7.9 x 5.9	4.0 x 3.0	2.6 x 2.0	2.0 x 1.5	1.8 x 1.3
Depth of Field	26.0	7	3.3	2.0	1.4	0.4	0.3	0.2	0.2

★ Units shown in millimeter

Dino-Lite Edge Series

AF7915MZT



Wireless Ready 5MP with FLC, AMR, EDOF, DPQ & Polarizer

See the details you need on-the-go with the Dino-Lite AF7915MZT high-resolution digital microscope. This 5-megapixel handheld digital microscope includes advanced features like EDOF, DPQ, FLC, AMR, and EDR, offering versatility for accomplishing a wide variety of tasks.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

- [How to acquire depth information with DPQ \(Online Guide\)](#)
- [How to acquire depth information with DPQ \(PDF File\)](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	100	150	200	220
Working Distance	142.6	60.1	33.6	21	14	4.3	5.8	10.0	12.1
Field of View	39.6 x 29.7	19.8 x 14.8	13.2 x 9.9	9.9 x 7.4	7.9 x 5.9	4.0 x 3.0	2.6 x 2.0	2.0 x 1.5	1.8 x 1.3
Depth of Field	26.0	7	3.3	2.0	1.4	0.4	0.3	0.2	0.2

* Units shown in millimeter

Dino-Lite Edge Series

AF7915MZTL



Wireless Ready 5MP with Long WD, FLC, AMR, EDOF, DPQ & Polarizer

See the details you need while on-the-go with the Dino-Lite AF7915MZTL high-resolution digital microscope. This 5-megapixel handheld digital microscope with Long Working Distance includes advanced features like DPQ, EDOF, FLC, AMR, and EDR, offering versatility for accomplishing a wide variety of tasks.

The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope.

- [How to acquire depth information with DPQ \(Online Guide\)](#)
- [How to acquire depth information with DPQ \(PDF File\)](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	237.5	115.3	75.9	57.3	47.0	40.8	36.9	34.6	33.2	32.6	32.4	32.6	33.1	33.8
Field of View	39.6 x 29.7	19.8 x 14.8	13.2 x 9.9	9.9 x 7.4	7.9 x 5.9	6.6 x 4.9	5.7 x 4.2	4.9 x 3.7	4.4 x 3.3	4.0 x 3.0	3.6 x 2.7	3.3 x 2.5	3.0 x 2.3	2.8 x 2.1
Depth of Field	25.8	6.9	3.3	2.2	1.6	1.2	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.4

★ Units shown in millimeter

Dino-Lite Edge Series

AM3715TB



Strobe Microscope

The Dino-Lite Edge AM3715TB digital handheld microscope with a strobomicroscope mode feature that takes perfect pictures each time by reducing motion blur while under magnification, strobe LED brightness control for efficient strobe illumination. Strobomicroscope mode strobes the lights at a constant 60fps at 640 x 480 resolutions allowing low time latency for lag and practically motion blur free images and recordings.

For optimal results the environmental lighting should be lower than normal and the AM3715TB should be closer to the object being viewed. The strobe LED brightness control helps illuminate objects for optimal performance over a variety of environments and distances. Without utilizing the strobomicroscope mode, the LED's can still be set to the standard on/off setting. Great for use in monitoring production lines in a manufacturing environment, or observing subjects such as a tadpole in a laboratory. Shaky or moving objects are ideal environments to utilize the AM3715TB strobosmicroscope mode feature.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

★ Units shown in millimeter

Dino-Lite Edge Series

AM7515MT1A



5MP with FLC, AXI & AMR

The 5MP Edge AM7515MT1A has a remarkably compact design with a built-in coaxial light, delivering exceptional brightfield images at 70x – 140x magnifications. Through the use of Flexible LED Control (FLC), the AM7515MT1A is capable of switching between brightfield and darkfield for more details making it suitable for the inspection of reflective surfaces and topographical features —edges, pores, dents, and scratches. Taking advantage of Automatic Magnification Reading (AMR), the AM7515MT1A may optimize the measurement with efficiency and accuracy for catering the needs of most measuring tasks.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	70	80	90	100	110	120	130	140
Working Distance	38.6	36.2	34.8	34.2	34	34.2	34.7	35.4
Field of View	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3.0 x 2.3	2.1 x 2.0
Depth of Field	0.77	0.62	0.52	0.44	0.38	0.33	0.3	0.27

* Units shown in millimeter

Dino-Lite Edge Series

AM7515MT2A



5MP with FLC, AXI & AMR

The 5MP Edge AM7515MT2A has a remarkably compact design with a built-in coaxial light, delivering exceptional brightfield images at 120x – 220x magnifications. Through the use of Flexible LED Control (FLC), the AM7515MT2A is capable of switching between or mixing brightfield and darkfield for more details. Taking advantage of Automatic Magnification Reading (AMR), the AM7515MT2A may optimize the measurement with efficiency and accuracy for catering the needs of most measuring tasks.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan

Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	130	140	150	160	170	180	190	200	210	220
Working Distance	4.5	5	5.6	6.3	7.1	8	8.9	9.9	10.9	11.9
Field of View	3.0 x 2.2	2.8 x 2.1	2.6 x 1.9	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field										

★ Units shown in millimeter

Dino-Lite Edge Series

AM7515MT4A



5MP with FLC, AXI, AMR & High Mag

The AM7515MT4A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of 415x – 470x with built-in axial lighting. Through the use of Flexible LED Control (FLC) using the included software, this model is capable of switching between or mixing, brightfield and darkfield illumination revealing details that are very difficult to see under normal light. The AM7515MT4A includes the Automatic Magnification Reading (AMR) feature which helps aid with measurement by displaying the current magnification directly in the live view window.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	415	420	430	440	450	460	470
Working Distance	6	7.3	8	8.8	10	11.3	11.8
Field of View	0.951 x 0.697	0.926 x 0.680	0.905 x 0.664	0.884 x 0.648	0.867 x 0.636	0.847 x 0.621	0.828 x 0.608
Depth of Field	-	-	-	-	-	-	0.04

★ Units shown in millimeter

Dino-Lite Edge Series

AM7515MT8A



5MP with FLC, AXI, AMR & High Mag

The AM7515MT8A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of 700x-900x with built-in axial lighting. Through the use of Flexible LED Control (FLC) using the included software, this model is capable of switching between or mixing, brightfield and darkfield illumination revealing details that are very difficult to see under normal light. The AM7515MT8A includes the Automatic Magnification Reading (AMR) feature which helps aid with measurement by displaying the current magnification directly in the live view window.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	700	750	800	850	900
Working Distance	6.4	6.3	6.1	6	5.9
Field of View	0.56 x 0.400	0.52 x 0.375	0.48 x 0.350	0.46 x 0.330	0.43 x 0.315
Depth of Field	0.01	0.01	0.009	0.008	0.008

★ Units shown in millimeter

Dino-Lite Dino-Lite Edge Medical

HF4115-N2UT(W)



Wireless Ready Capillaroscope

The Dino-Lite Edge 1.3MP HF4115-N2UT(W) uses a special curved cap for easy viewing of capillaries at 50x and 200x which can aid medical professionals in early diagnosis of various diseases by examining the capillary vessel of fingers. The new modular wireless-ready design allows for USB connection or a quick swap to wireless with a WF-20 adapter (sold separately) making it a completely cordless and portable microscope and includes the popular FLC feature. This nailscope can be used as a handheld microscope or with a stand with a range of 10x – 200x. Included with this Dino-Lite is the curved cap (N3C-N) designed to fit comfortably over a fingernail for capillary viewing as well as a sealed cap (N3C-C) that can protect the inner component and lens of the Dino-Lite and offer options for viewing skin with oil immersion.

- [Related article: Capillaroscopy for Examining Microcirculation](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Dino-Lite Medical Edge

HF4115-RUT



Wireless Ready Iriscope

Designed for viewing among irides with different colors, HF4115-RUT is a dual light source (switchable white and yellow LED) Iriscope with a 20x magnification that provides detailed and clear images of the iris. HF4115-RUT is compatible with Wi-Fi streamer WF-20 for wireless connectivity to mobile devices.

Simply place the Iriscope to the eye and take a picture using the included software. This model features a 1.3 megapixel sensor which lets you view and record images with great detail. Switch between white and yellowish LED lighting with the click of a button which helps to capture details within different color irides.

This model has replaced the now discontinued AM4113-RUT.

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
Working Distance	60.2	33.5	20.9	13.9	9.7	7.1	5.5	4.5	4.1	4	4.1	4.5	5	5.6	6.3	7.1	8	8.9	9.9	10.9	11.9
Field of View	19.5 x 11.7	13 x 7.8	9.8 x 5.9	7.8 x 4.7	6.5 x 3.9	5.6 x 3.4	4.9 x 3.0	4.3 x 2.6	3.9 x 2.3	3.6 x 2.1	3.3 x 2.0	3.0 x 1.8	2.8 x 1.7	2.6 x 1.6	2.4 x 1.5	2.3 x 1.4	2.2 x 1.3	2.1 x 1.2	2.0 x 1.2	1.9 x 1.1	1.8 x 1.1
Depth of Field	2.5	1.8	1.5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Dino-Lite Medical Edge

HF4115ZT(W)-D



Wireless Ready, Dermascope

Dino-Lite Medical HF4115ZT(W)-D is a 1.3MP USB Digital Dermascope package designed for dermatology. This Dino-Lite handheld microscope provides a quick and reliable solution skin examinations. This DermaScope can be used as a USB microscope or swap to wireless with the wireless module (sold separately) to stream to iOS devices or Wi-Fi enabled Windows computers. The included software can be installed with the disc or downloaded directly from our downloads page.

HF4115ZT(W)-D Included Caps

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	

Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Dino-Lite Medical Edge

HF4115ZT(W)-T



Wireless Ready, Trichoscope

The Dino-Lite Medical HF4115ZT(W)-T is a Digital Trichoscope package designed for Hair and Scalp. This USB model provides a quick and reliable solution for the examination of hair and scalp and can be converted to wireless with the WF-20(W) (sold separately).

HF4115ZT(W)-T Included Caps

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	

Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Edge Series

WF4115ZT



Wireless Bundle with FLC & Polarizer

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances.

Some models can even focus below 5x. Please contact us for more information.

The Dino-Lite Edge 1.3MP Bundle WF4115ZT includes the AF4115ZT modular device with FLC is designed to meet most professional applications within 20x- 220x magnifications as well as the WF-20 Wireless Adapter. The new modular design allows for USB connection or a quick swap to wireless with the included WF-20 adapter making it a completely cordless and portable microscope.

- [Compatibility Details: WF-20 Compatibility Chart](#)
- [How to use WF-20 with DinoCapture: Support Article](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Edge Series

WF4115ZT(W)



Wireless Bundle with FLC & Polarizer

The official magnification range of this microscope is 20x to 220x, however, this model is capable of focusing at 10x at longer distances.

Some models can even focus below 5x. Please contact us for more information.

The Dino-Lite Edge 1.3MP Bundle WF4115ZT(W) includes the AF4115ZT(W) modular device with FLC is designed to meet most professional applications within 20x- 220x magnifications as well as the WF-20(W) Wireless Adapter. The new modular design allows for USB connection or a quick swap to wireless with the included WF-20(W) adapter making it a completely cordless and portable microscope.

- [Compatibility Details: WF-20 Compatibility Chart](#)
- [How to use WF-20 with DinoCapture: Support Article](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4
Depth of Field	2.5	1.8	1.5	-	-	-	-	0.1

* Units shown in millimeter

Dino-Lite Edge Series

WF4915ZTL



Wireless Bundle with FLC, Polarizer, AMR, EDOF & Long WD

The official magnification range of this microscope is 10x to 140x, however, this model is capable of focusing at 5x at longer distances.
Some models can even focus below 5x. Please contact us for more information.

The Dino-Lite Edge 1.3MP Bundle WF4915ZTL includes the AF4915ZTL all-in-one device designed to meet most professional applications within 10x- 140x magnifications as well as the WF-20 Wireless Adapter. The AF4915ZTL integrates premium Edge Series features EDOF, AMR and FLC. The new modular design allows for USB connection or a quick swap to wireless with the included WF-20 adapter making it a completely cordless and portable microscope.

- [Compatibility Details: WF-20 Compatibility Chart](#)
- [How to use WF-20 with DinoCapture: Support Article](#)

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years

Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	234.5	112.5	72.5	54.5	43.5	37.5	33.7	31.3	29.9	29.2	29.1	29.3	29.8	30.5
Field of View	39.0 x 31.2	19.5 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.2	6.5 x 5.2	5.6 x 4.5	4.9 x 3.9	4.3 x 3.5	3.9 x 3.1	3.5 x 2.8	3.3 x 2.6	3.0 x 2.4	2.8 x 2.2
Depth of Field	12	4.5	3.1	1.8	1.2	0.9	0.6	0.5	0.37	0.28	0.22	0.17	0.12	0.09

★ Units shown in millimeter

Dino-Lite Edge Series

WF4935ZTE

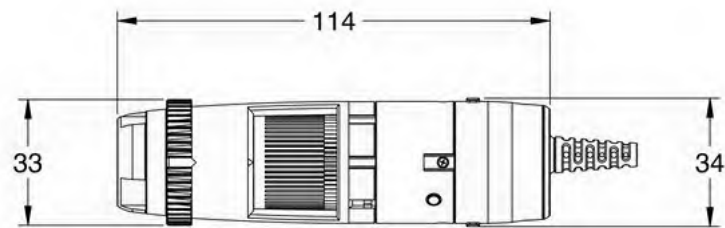


Wireless Bundle with Expanded Magnification, EDOF, AMR, FLC & Polarizer

The WF4935ZTE wireless bundle includes the AF4935ZTE digital microscope with its versatile magnification range of 10x ~ 330x, and the WF-20 Wireless Adapter. This model also includes EDOF focus stacking, EDR, AMR, which displays the current magnification in real-time, an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This models expanded magnification range offers a similar working distance range compared to the previous AF4x15ZT series, with the ability to achieve higher magnifications.

- **i** This product bundle includes the AF4935ZTE and the WF-20 wireless adapter for wireless functionality *EDOF/EDR available on Windows PC only.
Compatibility Details: [WF-20 Compatibility Chart](#)
How to use WF-20 with DinoCapture: [Support Article](#)
-
-



Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC
Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270
Working Distance	100.1	59.6	39.8	29.3	21	16	12.5	10	8.2	6.9	6	5.4	5	4.7	4.7	4.7	4.9	5.1	5.4	5.8	6.2	6.7	7.2	7.7	8.3	8.9
Field of View	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3 x 2.3	2.8 x 2.1	2.6 x 2	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2 x 1.5	1.9 x 1.4	1.8 x 1.3	1.7 x 1.3	1.6 x 1.2	1.6 x 1.2	1.5 x 1.1	1.4 x 1.1
Depth of Field	14.6	6.8	4	2.7	2	1.5	1.2	1	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2

★ Units shown in millimeter

Dino-Lite Edge Series

WF4935ZTLE



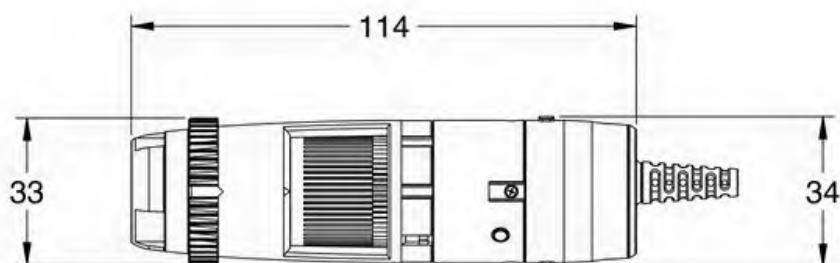
Wireless Bundle with Expanded Magnification, EDOF, AMR, FLC & Polarizer & Long WD

The WF4935ZTLE wireless bundle that includes the AF4935ZTLE, a feature-packed long working distance digital microscope with a range of 10x ~ 200x, and the WF-20 Wireless Adapter. This model also includes EDOF focus stacking, EDR, AMR, which displays the current magnification in real-time, an adjustable polarizer, FLC lighting control, and is compatible with the WF-20 Wi-Fi streamer.

This models expanded magnification range offers a similar working distance range compared to the previous AF4x15ZT series, with the ability to achieve higher magnifications.

- ❗ This product bundle includes the AF4935ZTLE and the WF-20 wireless adapter for wireless functionality *EDOF/EDR available on Windows PC only.

- Compatibility Details: [WF-20 Compatibility Chart](#)
- How to use WF-20 with DinoCapture: [Support Article](#)



Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi
Flexible LED Control (FLC)	Yes	Resolution	2592 × 1944 pixels
Automatic Magnification Reading (AMR)	No	Operating System	Mac OS, Windows
Extended Depth of Field (EDOF)	No	Frame Rate (max)	30 fps
Enhanced Dynamic Range (EDR)	No	Dimensions	115mm (H) x 34mm (D)
Depth Acquisition (DPQ)	No	Weight	97g
Polarization	Yes	Cable Length	182cm
Magnification Range	10x - 140x	Imaging Standards	UVC
LEDs	White (8)	Warranty Period	2 years
Working Distance	Long	Emission Wavelength (Filter)	
Body Material	Metal	Excitation Wavelength (LED)	
Wireless Adapter	WF-20 (not included)	Manufactured in	Taiwan
Microtouch Sensor	Yes	Regulatory Approval	CE, FCC

Magnification Lock	Yes	In the Box	Microscope, Carry Pouch, Edge Calibration Target, Alternate end caps
--------------------	-----	------------	--

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
Working Distance	357.7	174.6	114.5	85.2	68.2	57.3	50	44.8	41.1	38.4	36.5	35.1	34.2	33.6	33.3	33.2	33.3	33.5	33.8	34.3
Field of View	39.1 x 29.3	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3.3 x 2.3	2.8 x 2.1	2.6 x 2	2.4 x 1.8	2.3 x 1.7	2.2 x 1.6	2.1 x 1.5	2 x 1.5
Depth of Field	55.3	14.5	6.7	4.1	2.9	2.2	1.7	1.4	1.2	1	0.9	0.8	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.4

★ Units shown in millimeter

AF7115MZT

AF7115MZT is a 5-megapixel digital microscope offering high-resolution imaging with a 20x ~ 220x magnification. This model has Flexible LED Control (FLC) for maximizing lighting adjustability and a polarizer for reducing unwanted reflections. AF7115MZT is compatible with WF-20, a Wi-Fi streamer.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixel

The 5-megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for each LED quadrant independently.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



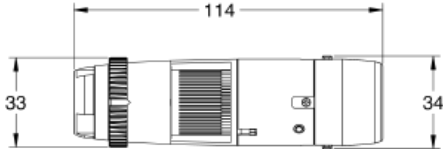
Robust Metal Housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interference.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.6	29.7	26.0
20	60.1	19.8	14.8	7.0
30	33.6	13.2	9.9	3.3
40	21.0	9.9	7.4	2.0
50	14.0	7.9	5.9	1.4
60	9.8	6.6	4.9	1.0
70	7.3	5.7	4.2	0.8
80	5.7	4.9	3.7	0.6
90	4.8	4.4	3.3	0.5
100	4.3	4.0	3.0	0.4
110	4.2	3.6	2.7	0.4
120	4.3	3.3	2.5	0.3
130	4.7	3.0	2.3	0.3
140	5.2	2.8	2.1	0.3
150	5.8	2.6	2.0	0.3
160	6.5	2.5	1.9	0.2
170	7.3	2.3	1.8	0.2
180	8.1	2.2	1.6	0.2
190	9.1	2.1	1.6	0.2
200	10.0	2.0	1.5	0.2
210	11.0	1.9	1.4	0.2
220	12.1	1.8	1.3	0.2

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7115MZT
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 220x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Detachable Micro B – Type-C cable Detachable Micro B – Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 97 g

AF7115MZTL

AF7115MZTL is a long working distance 5-megapixel digital microscope that delivers high-resolution images at a magnification range of 10x ~ 140x. This model features Flexible LED Control (FLC) for illumination adjustability and a polarizer for removing unwanted reflections. AF7115MZTL is compatible with WF-20 for wireless connectivity.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

The 5.0 Megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Long Working Distance (LWD) Optics

The LWD optics yield more working space between the object and the microscope, making it ideal for applications such as repair or assembly.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for each LED quadrant independently.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



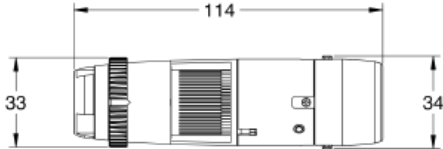
Robust Metal Housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interference.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	237.5	39.6	29.7	25.8
20	115.3	19.8	14.8	6.9
30	75.9	13.2	9.9	3.3
40	57.3	9.9	7.4	2.2
50	47.0	7.9	5.9	1.6
60	40.8	6.6	4.9	1.2
70	36.9	5.7	4.2	1.0
80	34.6	4.9	3.7	0.8
90	33.2	4.4	3.3	0.7
100	32.6	4.0	3.0	0.6
110	32.4	3.6	2.7	0.5
120	32.6	3.3	2.5	0.5
130	33.1	3.0	2.3	0.4
140	33.8	2.8	2.1	0.4

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7115MZTL
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 140x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Detachable Micro B – Type-C cable Detachable Micro B – Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 97 g

AF7115MZTW

AF7115MZTW is a 5-megapixel digital microscope providing macro-level imaging with zoom-in capabilities. This microscope includes a polarizer to reduce reflections and features FLC for adjustable illumination. AF7115MZTW is compatible with the optional WF-20 Wi-Fi streamer.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

The 5-megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Macro Zoom Optics

The macro zoom provides 2x to 3x zoom-in capabilities within a 25 mm to 160 mm working distance range.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for each LED quadrant independently.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.



Robust Metal Housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interference.

Optical Data Table

T Zone				
M	WD	FOV (x)	FOV (y)	DOF
50	23	8	6	4
40	43	10	7	6
30	72	13	10	11
20	128	20	15	27
15	183	26	20	48

W Zone				
M	WD	FOV (x)	FOV (y)	DOF
30	19	13	10	7
20	33	20	15	14
15	47	26	20	25
10	76	40	30	57
5	163	79	59	297

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7115MZTW
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 50x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Detachable Micro B – Type-C cable Detachable Micro B – Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 97 g

AF7515MZT

Obtain outstanding image quality and live imaging performance with the 5-megapixel AF7515MZT digital microscope. With advanced features, including AMR and FLC, AF7515MZT is a powerful tool for performing measurements and obtaining high-quality images. The WF-20 Wi-Fi streamer is compatible with AF7515MZT.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixel

The 5-megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for each LED quadrant independently.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Automatic Magnification Reading (AMR)

The AMR feature automatically detects the magnification power in real time, improving measurement efficiency, easing magnification readings, and minimizing input errors in measurement tasks.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Robust Metal Housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interference.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.6	29.7	26.0
20	60.1	19.8	14.8	7.0
30	33.6	13.2	9.9	3.3
40	21.0	9.9	7.4	2.0
50	14.0	7.9	5.9	1.4
60	9.8	6.6	4.9	1.0
70	7.3	5.7	4.2	0.8
80	5.7	4.9	3.7	0.6
90	4.8	4.4	3.3	0.5
100	4.3	4.0	3.0	0.4
110	4.2	3.6	2.7	0.4
120	4.3	3.3	2.5	0.3
130	4.7	3.0	2.3	0.3
140	5.2	2.8	2.1	0.3
150	5.8	2.6	2.0	0.3
160	6.5	2.5	1.9	0.2
170	7.3	2.3	1.8	0.2
180	8.1	2.2	1.6	0.2
190	9.1	2.1	1.6	0.2
200	10.0	2.0	1.5	0.2
210	11.0	1.9	1.4	0.2
220	12.1	1.8	1.3	0.2

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7515MZT
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 220x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Detachable Micro B – Type-C cable Detachable Micro B – Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 97 g

AF7515MZTL

The 5-megapixel AF7515MZTL digital microscope provides a long working distance solution for capturing high-resolution images. Equipped with AMR and FLC, AF7515MZTL is a powerful tool for facilitating measurements and obtaining high-quality images. This model is compatible with the WF-20 Wi-Fi streamer.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5-Megapixels

The 5.0 Megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Long Working Distance (LWD) Optics

The LWD optics yield more working space between the object and the microscope, making it ideal for applications such as repair or assembly.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for each LED quadrant independently.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Automatic Magnification Reading (AMR)

The AMR feature automatically detects the magnification power in real time, improving measurement efficiency, easing magnification readings, and minimizing input errors in measurement tasks.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Robust Metal Housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interference.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	237.5	39.6	29.7	25.8
20	115.3	19.8	14.8	6.9
30	75.9	13.2	9.9	3.3
40	57.3	9.9	7.4	2.2
50	47.0	7.9	5.9	1.6
60	40.8	6.6	4.9	1.2
70	36.9	5.7	4.2	1.0
80	34.6	4.9	3.7	0.8
90	33.2	4.4	3.3	0.7
100	32.6	4.0	3.0	0.6
110	32.4	3.6	2.7	0.5
120	32.6	3.3	2.5	0.5
130	33.1	3.0	2.3	0.4
140	33.8	2.8	2.1	0.4

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7515MZTL
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 140x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Detachable Micro B – Type-C cable Detachable Micro B – Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 97 g

AF7515MZT4

The AF7515MZT4 5-megapixel digital microscope delivers high-quality images with remarkable color performance at 400x magnification. With a built-in polarizer and FLC, the AF7515MZT4 is a versatile tool for a wide range of tasks, including viewing small defects, edge sharpness, and surface roughness. AF7515MZT4 features AMR to facilitate measurements and is also compatible with the optional WF-20 Wi-Fi streamer.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixel

The 5-megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for each LED quadrant independently.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Automatic Magnification Reading (AMR)

The AMR feature automatically detects the magnification power in real time, improving measurement efficiency, easing magnification readings, and minimizing input errors in measurement tasks.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.



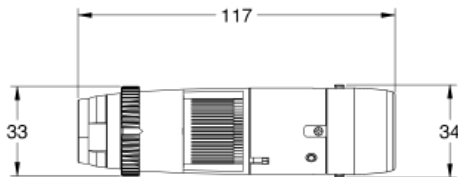
Robust Metal Housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interference.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
400	4.8	0.99	0.74	0.040
410	5.8	0.97	0.72	0.039
420	6.7	0.94	0.71	0.038
430	7.7	0.92	0.69	0.037
440	8.6	0.90	0.67	0.036
450	8.6	0.88	0.66	0.035
460	8.5	0.86	0.65	0.034
470	8.4	0.84	0.63	0.034

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7515MZT4
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	400x ~ 470x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap)
Cable Type	Detachable Micro B – Type-C cable Detachable Micro B – Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	117 mm (H) x 34 mm (D) 
Unit Weight	Approx. 97 g

AF7515MT4A

Integrated with coaxial lighting for viewing reflective surfaces, AF7515MT4A is a 5-megapixel microscope delivering exceptional brightfield imaging at 420x ~ 470x magnification. Through the use of FLC, this model can offer clear visualization of different topographical features such as edges, dents, and pores. AF7515MT4A is also compatible with the optional WF-20 Wi-Fi streamer, providing users with added convenience for wireless streaming applications.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixel

The 5-megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Coaxial-Brightfield Illumination

The coaxial illumination uses a through-the-lens design, offering a compact yet high-quality solution for revealing imperfections and fine details on reflective surfaces.



Flexible LED Control (FLC, coaxial light)

Tasking with software, FLC provides a 6-level intensity control for the activated LED quadrants and the coaxial light.



Automatic Magnification Readout (AMR)

The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.



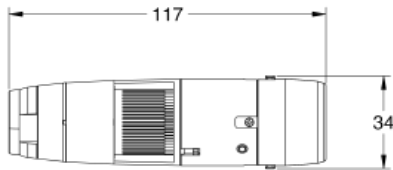
Robust Metal Housing

The anodized aluminum alloy housing offers durability and EMI shielding, effectively guarding against impacts, abrasions, and electromagnetic noise.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
420	6.7	0.94	0.71	0.04
430	7.7	0.92	0.69	0.04
440	8.6	0.90	0.67	0.04
450	8.6	0.88	0.66	0.04
460	8.5	0.86	0.65	0.03
470	8.4	0.84	0.63	0.03

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7515MT4A
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	420x ~ 470x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap)
Cable Type	Micro B – Type-C cable (detachable) Micro B – Type-A cable (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	117 mm (H) x 34 mm (D) 
Unit Weight	Approx. 101 g

AF7915MZT

Get the detail you need on the go with the Dino-Lite AF7915MZT high-resolution digital microscope. This 5-megapixel handheld digital microscope includes advanced features like EDOF, FLC, AMR, and EDR, offering versatility for accomplishing a wide variety of tasks. AF7915MZT is compatible with the WF-20 Wi-Fi streamer.



Note: EDOF, EDR, and DPQ are available on Windows PC only.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixel

The 5-megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for each LED quadrant independently.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Depth Acquisition (DPQ)

The delicate focus control of this model allows for the acquisition of more accurate depth information. (How to acquire depth information.)



Extended Depth of Field (EDOF)

Viewing rough surfaces with height ranges out of depth of focus, the EDOF can take several images at different focuses and stack them automatically within a click.



Extended Dynamic Range (EDR)

Observing high contrast or reflective surface, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.



Automatic Magnification Reading (AMR)

The AMR feature automatically detects the magnification power in real time, improving measurement efficiency, easing magnification readings, and minimizing input errors in measurement tasks.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Robust Metal Housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interference.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.6	29.7	26.0
20	60.1	19.8	14.8	7.0
30	33.6	13.2	9.9	3.3
40	21.0	9.9	7.4	2.0
50	14.0	7.9	5.9	1.4
60	9.8	6.6	4.9	1.0
70	7.3	5.7	4.2	0.8
80	5.7	4.9	3.7	0.6
90	4.8	4.4	3.3	0.5
100	4.3	4.0	3.0	0.4
110	4.2	3.6	2.7	0.4
120	4.3	3.3	2.5	0.3
130	4.7	3.0	2.3	0.3
140	5.2	2.8	2.1	0.3
150	5.8	2.6	2.0	0.3
160	6.5	2.5	1.9	0.2
170	7.3	2.3	1.8	0.2
180	8.1	2.2	1.6	0.2
190	9.1	2.1	1.6	0.2
200	10.0	2.0	1.5	0.2
210	11.0	1.9	1.4	0.2
220	12.1	1.8	1.3	0.2

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7915MZT
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 220x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later (EDOF/EDR/DPQ are NOT available on macOS)
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Detachable Micro B – Type-C cable Detachable Micro B – Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 97 g

AF7915MZTL

Get the detail you need from a distance with the 5-megapixel Dino-Lite AF7915MZTL long-working distance digital microscope. AF7915MZTL is packed with advanced features, including EDOF, FLC, AMR, and EDR, offering versatility for accomplishing a wide range of tasks. AF7915MZTL is compatible with the WF-20 Wi-Fi streamer.



Note: EDOF, EDR, and DPQ are available on Windows PC only.



High Optical Resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixel

The 5-megapixel sensor excels at capturing fine details and can transmit high-quality images at a resolution of 2592 x 1944.



Long Working Distance (LWD) Optics

The LWD optics yield more working space between the object and the microscope, making it ideal for applications such as repair or assembly.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for each LED quadrant independently.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Depth Acquisition (DPQ)

The delicate focus control of this model allows for the acquisition of more accurate depth information. (How to acquire depth information.)



Extended Depth of Field (EDOF)

Viewing rough surfaces with height ranges out of depth of focus, the EDOF can take several images at different focuses and stack them automatically within a click.



Extended Dynamic Range (EDR)

Observing high contrast or reflective surface, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.



Automatic Magnification Reading (AMR)

The AMR feature automatically detects the magnification power in real time, improving measurement efficiency, easing magnification readings, and minimizing input errors in measurement tasks.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Robust Metal Housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interference.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	237.5	39.6	29.7	25.8
20	115.3	19.8	14.8	6.9
30	75.9	13.2	9.9	3.3
40	57.3	9.9	7.4	2.2
50	47.0	7.9	5.9	1.6
60	40.8	6.6	4.9	1.2
70	36.9	5.7	4.2	1.0
80	34.6	4.9	3.7	0.8
90	33.2	4.4	3.3	0.7
100	32.6	4.0	3.0	0.6
110	32.4	3.6	2.7	0.5
120	32.6	3.3	2.5	0.5
130	33.1	3.0	2.3	0.4
140	33.8	2.8	2.1	0.4

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF7915MZTL
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 140x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 7/8/10/11 macOS 10.14 or later (EDOF/EDR/DPQ are NOT available on macOS)
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Detachable Micro B – Type-C cable Detachable Micro B – Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 97 g

AM7115MTF

When abundant space between the target and the microscope is a must, use Dino-Lite 5MP AM7115MTF extra-long working distance digital microscope. AM7115MTF offers high resolution images and up to 70x magnification at a 108mm working distance.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Extra-long Working Distance (ELWD)

With Edge optics quality, the ELWD lens reveals minute details with minimum 108mm working distance at maximum magnification of 70X, making it well-suited for observations requiring ample space between microscope and object.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Robust metallic housing

The metal housing made of anodized aluminum alloy offers compelling advantages of protection and endurance. The anodized alloy provides extra protection from electromagnetic interferences.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.






Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, and ring-light etc.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

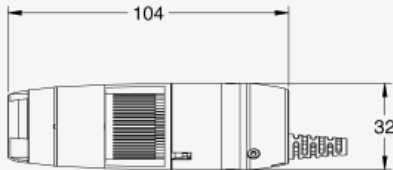
	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	503	39.1	31.3	31.49
20	271	19.5	15.6	8.67
30	196	13.0	10.4	4.20
40	159	9.8	7.8	2.56
50	135	7.8	6.3	1.76
60	120	6.5	5.2	1.31
70	108	5.6	4.5	1.03

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7115MTF Dino-Lite Edge
Interface	USB 2.0
Product Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 70x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap)
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	125g

AM7115MZT

Designed to meet or exceed general professional needs, the Dino-Lite 5MP Edge AM7115MZT delivers unsurpassed image at wide magnification range from 10x to 220x with greatest illumination flexibility. Integrated with cutting-edge optics, advanced 5MP sensor, and low-loss MJPEG compression, the AM7115MZT allows displaying incredibly crisp and fluent image with low power consumption. The innovative Flexible LED Control (FLC) enables partial illumination to enhance edge contrast and provides intensity adjustability for better adaptability. Together with adjustable polarizer, interchangeable front caps, rugged metal housing, the AM7115MZT is made to be the tool of choice for wide range of applications.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Adjustable polarizer

The built-in adjustable polarizer allows to freely remove the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.







Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.



N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.

	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

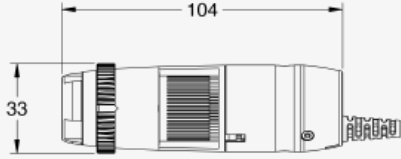
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.6	29.7	26.1
20	60.2	19.5	14.6	2.5
30	33.5	13	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	
60	9.7	6.5	4.8	
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	
90	4.5	4.3	3.2	
100	4.1	3.9	2.9	
110	4.0	3.6	2.7	
120	4.1	3.3	2.4	
130	4.5	3.0	2.2	
140	5.0	2.8	2.1	
150	5.6	2.6	1.9	
160	6.3	2.4	1.8	
170	7.1	2.3	1.7	
180	8.0	2.2	1.6	
190	8.9	2.1	1.5	
200	9.9	2.0	1.5	
210	10.9	1.9	1.4	
220	11.9	1.8	1.3	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7115MZT Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 220x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	135g

AM7115MZTL

Dedicated to provide ample space for working under, the AM7115MZTL, a Long-Working-Distance(LWD) version of Dino-Lite 5MP Edge series, delivers superior image at 10x-140x magnification with greatest illumination flexibility. The AM7115MZTL is able to provide long working distance with fluent and crisp live image through the use of cutting-edge optics, advanced 5MP sensor, and low-loss MJPEG compression. The innovative Flexible LED Control (FLC) enables partial illumination to enhance edge contrast and provides intensity adjustability for better adaptability. Together with adjustable polarizer, interchangeable front caps, rugged metal housing, the AM7115MZTL is made to be the tool of choice for wide range of applications.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Long-Working-Distance (LWD) optics

The LWD optics yields more working space between the object and the microscope, making it ideal for applications such as repairing or assembly.



Adjustable polarizer

The built-in adjustable polarizer allows to freely remove the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps

provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

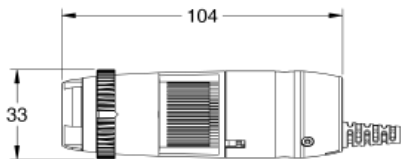
M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	29.2	12.0
20	112.5	19.5	14.6	4.5
30	72.5	13.0	9.7	3.1
40	54.5	9.8	7.3	1.8
50	43.5	7.8	5.8	1.2
60	37.5	6.5	4.8	0.9
70	33.7	5.6	4.2	0.6
80	31.3	4.9	3.6	0.5
90	29.9	4.3	3.2	0.37
100	29.2	3.9	2.9	0.28
110	29.1	3.5	2.6	0.22
120	29.3	3.3	2.4	0.17
130	29.8	3.0	2.2	0.12
140	30.5	2.8	2.1	0.09

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM7115MZTL Dino-Lite Edge
Interface	USB 2.0
Resolution	5M pixels (2592x1944)
Magnification	10x~140x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Weight	135g
Unit Dimension	104 mm (H) x 33 mm (D) 

AM7115MZTW

Designed for macro-view observation, the 5MP Edge AM7115MZTW provides wide field-of-view while offering large depth-of-field within a magnification range of 10X-50X. With astonishing image quality and illumination flexibility inherited from 5MP Edge series, the AM7115MZTW can be accommodated to a wide range of demanding imaging tasks.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Wide Field of View (WFOV)

This significant feature is specially designed to provide large FOV at a reasonable working distance while keeping crisp image over the whole image for macro-view observation.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Adjustable polarizer

The built-in adjustable polarizer allows to freely remove the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

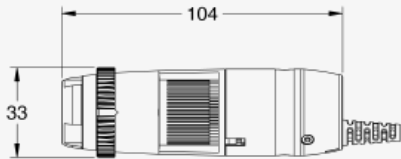
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

T Zone				
M	WD	FOV (x)	FOV (y)	DOF
50	14	9	7	3
40	42	11	9	5
30	64	15	12	9
20	119	23	19	21
15	182	30	24	39

W Zone				
M	WD	FOV (x)	FOV (y)	DOF
30	11	14	11	6
20	25	25	20	13
15	39	31	25	22
10	68	41	33	51
5	156	98	78	250

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7115MZTW Dino-Lite Edge
Interface	USB 2.0
Resolution	5M pixels (2592x1944)
Magnification	10X ~ 50X
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	135g

AM7515MTPF

The AM7515MTPF extra-long working distance microscope is equipped with Aim Point Laser (APL) to facilitate positioning the target. AM7515MTPF is a 5 MP microscope providing clear images up to 70x magnification at 108mm working distance.



5.0 Megapixels

The advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2592x1944.



Aim Point Laser (APL)

The Aim Point Laser (APL) is an integrated trough-lens laser projecting a red dot that provides a visual reference point for the positioning and focusing of the target.



Extra-long Working Distance (ELWD)

With Edge optics quality, the ELWD lens reveals minute details with minimum 108mm working distance at maximum magnification of 70X, making it well-suited for observations requiring ample space between microscope and object.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Flexible LED Control (FLC)

The Flexible LED Control (FLC) provides independent on/off control and light intensity level adjustment to the four LED quadrants, as well as the aim point laser.



Robust Housing

The robust metal housing made of anodized alloy protects the Dino-lite from UV and electromagnetic interferences.






Scroll Lock

For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

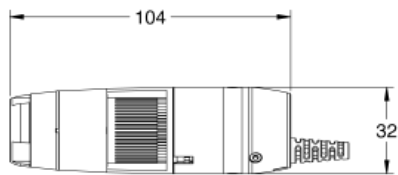
	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
45	146	8.7	6.9	2.1
50	135	7.8	6.3	1.8
60	120	6.5	5.2	1.3
70	108	5.6	4.5	1.0

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7515MTEP Dino-Lite Edge
Interface	USB 2.0
Resolution	5M pixels (2592x1944)
Magnification	45x ~ 70x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Laser Pointer	656nm laser diode
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap)
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	140g

AM7515MZT

The AM7515MZT was made to be tool of choice for measurement-oriented industrial applications, adding efficiency and accuracy of measurement with AMR to the Dino-Lite 5MP Edge series. Not to mention, the AM7515MZT delivers stunningly sharp and fluid image, and it provides illumination freedom through the use of FLC, polarizer and interchangeable caps.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable polarizer

The built-in adjustable polarizer allows to freely remove the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

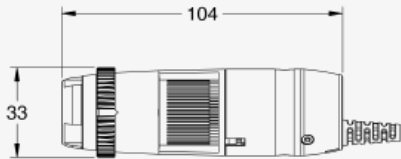
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.6	29.7	26.1
20	60.2	19.5	14.6	2.5
30	33.5	13	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	
60	9.7	6.5	4.8	
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	
90	4.5	4.3	3.2	
100	4.1	3.9	2.9	
110	4.0	3.6	2.7	
120	4.1	3.3	2.4	
130	4.5	3.0	2.2	
140	5.0	2.8	2.1	
150	5.6	2.6	1.9	
160	6.3	2.4	1.8	
170	7.1	2.3	1.7	
180	8.0	2.2	1.6	
190	8.9	2.1	1.5	
200	9.9	2.0	1.5	
210	10.9	1.9	1.4	
220	11.9	1.8	1.3	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field Unit = mm

Model	AM7515MZT Dino-Lite Edge
Interface	USB 2.0
Resolution	5M pixels (2592x1944)
Magnification	10x ~ 220x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	135g

AM7515MZTL

Integrated with AMR and featured with LWD optics, the AM7515MZTL is ideally suited to measurement-oriented industrial applications while longer working distance is required. As a member of Edge series, the AM7515MZTL delivers stunningly sharp and fluid image, as well as large illumination flexibility through the use of FLC, polarizer, and interchangeable caps.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Long-Working-Distance (LWD) optics

The LWD optics yields more working space between the object and the microscope, making it ideal for applications such as repairing or assembly.



Adjustable polarizer

The built-in adjustable polarizer allows to freely remove the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

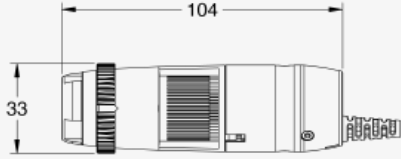
M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	29.2	12.0
20	112.5	19.5	14.6	4.5
30	72.5	13.0	9.7	3.1
40	54.5	9.8	7.3	1.8
50	43.5	7.8	5.8	1.2
60	37.5	6.5	4.8	0.9
70	33.7	5.6	4.2	0.6
80	31.3	4.9	3.6	0.5
90	29.9	4.3	3.2	0.37
100	29.2	3.9	2.9	0.28
110	29.1	3.5	2.6	0.22
120	29.3	3.3	2.4	0.17
130	29.8	3.0	2.2	0.12
140	30.5	2.8	2.1	0.09

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM7515MZTL Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 140x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	135g

AM7515MZT1P

Integrated with Aim Point Laser (APL), the AM7515MZT1P eases the tasks of locating and focusing the target under the microscope. The AM7515MZT1P is a 5 MP microscope with a 70-140x magnification range featuring AMR, FLC, and a polarizer.



5.0 Megapixels

The advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2592x1944.



Aim Point Laser (APL)

The Aim Point Laser (APL) is an integrated trough-lens laser projecting a red dot that provides a visual reference point for the positioning and focusing of the target.



Flexible LED Control (FLC)

The Flexible LED Control (FLC) provides independent on/off control and light intensity level adjustment to the four LED quadrants, as well as the aim point laser.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable Polarizer

The built-in adjustable polarizer removes the unwanted reflection or glare from the object's surface for better contrast.



Scroll Lock

For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.









Robust Housing

The robust metal housing made of anodized alloy protects the Dino-lite from UV and electromagnetic interferences.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

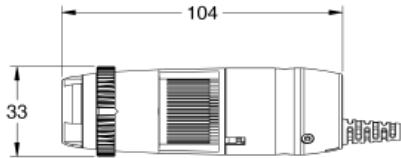
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
70	38.6	5.6	4.2	0.77
80	36.2	4.9	3.7	0.62
90	34.8	4.3	3.3	0.52
100	34.2	3.9	2.9	0.44
110	34.0	3.6	2.7	0.38
120	34.2	3.3	2.4	0.33
130	34.7	3.0	2.3	0.30
140	35.4	2.0	2.1	0.27

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7515MZT1P Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	70x ~ 140x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Laser Pointer	656nm laser diode
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	140g

AM7515MZT2P

Integrated with Aim Point Laser (APL), the AM7515MZT2P eases the tasks of locating and focusing the target under the microscope. The AM7515MZT2P is a 5 MP microscope with a 130-220x magnification range featuring AMR, FLC, and a polarizer.



5.0 Megapixels

The advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2592x1944.



Aim Point Laser (APL)

The Aim Point Laser (APL) is an integrated trough-lens laser projecting a red dot that provides a visual reference point for the positioning and focusing of the target.



Flexible LED Control (FLC)

The Flexible LED Control (FLC) provides independent on/off control and light intensity level adjustment to the four LED quadrants, as well as the aim point laser.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable Polarizer

The built-in adjustable polarizer removes the unwanted reflection or glare from the object's surface for better contrast.



Scroll Lock

For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.









Robust Housing

The robust metal housing made of anodized alloy protects the Dino-lite from UV and electromagnetic interferences.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
 	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface. N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

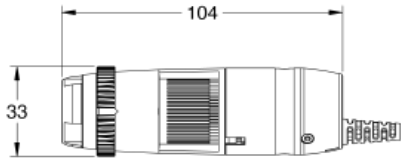
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
130	4.5	3.0	2.2	
140	5.0	2.8	2.1	
150	5.6	2.6	1.9	
160	6.3	2.4	1.8	
170	7.1	2.3	1.7	
180	8.0	2.2	1.6	
190	8.9	2.1	1.5	
200	9.9	2.0	1.5	
210	10.9	1.9	1.4	
220	11.9	1.8	1.3	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7515MZT2P Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	130x ~ 220x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows 7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Aim Point Laser	656nm laser diode
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	140g

AM7515MT1A

Switch between coaxial-brightfield and darkfield illumination with Dino-Lite 5MP AM7515MT1A coaxial light digital microscope. With a 70-140X magnification range, AM7515MT1A is suitable for the inspection of reflective surfaces and its topographical features—edges, pores, dents, and scratches.



Brightfield/Darkfield

With built-in brightfield and darkfield illumination, users have more flexibility for viewing targets under different types of lighting configurations.



Optical resolution with up to 140X magnifications

With superior optics, this Edge model is capable of revealing some of the finest details within a range of 70-140X magnifications.



5.0 Megapixels

The advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2592x1944.



Automatic Magnification Reading (AMR)

The AMR feature automatically detects the magnification power in real-time, improving measurement efficiency, easing magnification readings, and minimizing input errors.



Flexible LED Control (FLC)

The Flexible LED Control (FLC) provides independent on/off control and light intensity level adjustment to the four LED quadrants, as well as the coaxial light.



Scroll Lock

For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.









Robust Housing

The robust metal housing made of anodized alloy protects the Dino-lite from UV and electromagnetic interferences.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

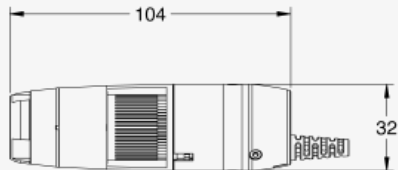
M	WD	FOV (x)	FOV (y)	DOF
70	38.6	5.6	4.2	0.77
80	36.2	4.9	3.7	0.62
90	34.8	4.3	3.3	0.52
100	34.2	3.9	2.9	0.44
110	34.0	3.6	2.7	0.38
120	34.2	3.3	2.4	0.33
130	34.7	3.0	2.3	0.30
140	35.4	2.0	2.1	0.27

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM7515MT1A Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	70x ~ 140x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	139g

AM7515MT2A

Remarkably compacted with a built-in coaxial light, the 5MP Edge AM7515MT2A delivers exceptional brightfield image at 130-220X magnifications. Through the use of Flexible LEDs Control (FLC), the AM7515MT2A is capable of switching between or mixing brightfield and darkfield for more details.



Brightfield/Darkfield

Without the need of other accessories, the brightfield and darkfield illumination can be provided separately or coordinated with each other to explore for more details.



High optical resolution with up to 220X magnifications

With superior optics, this Edge model is capable of revealing some of the finest details within a range of 130-220X magnifications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.









Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
130	4.5	3.0	2.2	
140	5.0	2.8	2.1	
150	5.6	2.6	1.9	
160	6.3	2.4	1.8	
170	7.1	2.3	1.7	
180	8.0	2.2	1.6	
190	8.9	2.1	1.5	
200	9.9	2.0	1.5	
210	10.9	1.9	1.4	
220	11.9	1.8	1.3	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7515MT2A Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	130x ~ 220x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	139g

AM7515MT4A

Remarkably compacted with a built-in coaxial light, the 5MP Edge AM7515MT4A delivers exceptional brightfield image at 415~470x magnifications. Through the use of Flexible LEDs Control (FLC), the AM7515MT4A is capable of switching between or mixing brightfield and darkfield for more details. Taking the advantages of Automatic Magnification Readings (AMR), the AM7515MT4A may optimize the measurement with efficiency and accuracy for catering the needs of most measuring tasks.



Brightfield/Darkfield

Without the need of other accessories, the brightfield and darkfield illumination can be provided separately or coordinated with each other to explore for more details.



High optical resolution with up to 400X magnifications

With superior optics, this Edge model is capable of revealing some of the finest details within a range of 415-470X magnifications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.






Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.


Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
415	6.0	0.951	0.697	
420	7.3	0.926	0.680	
430	8.0	0.905	0.664	
440	8.8	0.884	0.648	
450	10.0	0.867	0.636	
460	11.3	0.847	0.621	
470	11.8	0.828	0.608	0.04

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7515MT4A Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	415x ~ 470x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap)
Unit Dimension	107 mm (H) x 32 mm (D) 
Unit Weight	139g

AM7515MT8A

Pioneered with built-in coaxial light, the AM7515MT8A answers the needs of brightfield observation with superior image quality at 700~900x magnifications. Through the use of Flexible LED Control (FLC), the AM7515MT8A not only can switch between brightfield and darkfield freely but also can mix them together for more possibilities on highlighting the details. The AM7515MT8A provides Automatic Magnification Readings (AMR) which was designed to optimize the measurement with efficiency and accuracy.



Brightfield/Darkfield

Without the need of other accessories, the brightfield and darkfield illumination can be provided separately or coordinated with each other to explore for more details.



High optical resolution with up to 900X magnifications

With superior optics, this Edge model is capable of revealing some of the finest details within a range of 700-900X magnifications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.






Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
700	6.4	0.56	0.400	0.01
750	6.3	0.52	0.375	0.01
800	6.1	0.48	0.350	0.009
850	6.0	0.46	0.330	0.008
900	5.9	0.43	0.315	0.008

M = magnification rate

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Unit = mm

Model	AM7515MT8A Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	700x ~ 900x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap)
Unit Dimension	107 mm (H) x 32 mm (D) 
Unit Weight	139g

AM7915MZT

The 5MP Edge AM7915MZT has perfectly merged AMR and EDOF/EDR into one unit which maximizes flexibility to meet most professional needs, not to mention its stunningly image quality and illumination freedom are well-suited for various imaging requirement.

Note: EDOF/EDR available on Windows PC only.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Extended Depth of Field (EDOF)

Viewing rough surface with height range out of depth of focus, the EDOF can take several images at different focus and stack them automatically within a click.



Extended Dynamic Range (EDR)

Observing high contrast or reflective surface, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Robust housing

The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

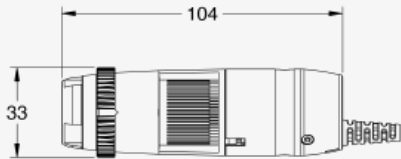
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	136.0	37.8	28.3	
20	60.2	19.5	14.6	2.5
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	
60	9.7	6.5	4.8	
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	
90	4.5	4.3	3.2	
100	4.1	3.9	2.9	
110	4.0	3.6	2.7	
120	4.1	3.3	2.4	
130	4.5	3.0	2.2	
140	5.0	2.8	2.1	
150	5.6	2.6	1.9	
160	6.3	2.4	1.8	
170	7.1	2.3	1.7	
180	8.0	2.2	1.6	
190	8.9	2.1	1.5	
200	9.9	2.0	1.5	
210	10.9	1.9	1.4	
220	11.9	1.8	1.3	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7915MZT Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 220x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later (EDOF/EDR are NOT controllable on macOS)
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	138g

AM7915MZTL

The 5MP Edge AM7915MZTL, a long-working-distance model, has perfectly merged with AMR and EDOF/EDR which makes it ideal for most professional needs, yet its stunningly image quality and illumination flexibility suites well for various imaging task.

Note: EDOF/EDR available on Windows PC only.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



5.0 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 2592x1944.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Extended Depth of Field (EDOF)

Viewing rough surface with height range out of depth of focus, the EDOF can take several images at different focus and stack them automatically within a click.



Extended Dynamic Range (EDR)

Observing high contrast or reflective surface, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.



Long-Working-Distance (LWD) optics

The LWD optics yields more working space between the object and the microscope, making it ideal for applications such as repairing or assembly.



Adjustable polarizer

The built-in adjustable polarizer allows to freely remove the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Robust housing








The metal housing made of aluminum alloy offers compelling advantages of protection and endurance.

Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	<p>N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.</p>
	<p>N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.</p>
	<p>N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.</p>
	<p>N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.</p>
	<p>N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.</p>
	<p>N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.</p>
	<p>N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.</p>

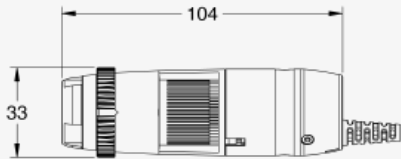
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	29.2	12.0
20	112.5	19.5	14.6	4.5
30	72.5	13.0	9.7	3.1
40	54.5	9.8	7.3	1.8
50	43.5	7.8	5.8	1.2
60	37.5	6.5	4.8	0.9
70	33.7	5.6	4.2	0.6
80	31.3	4.9	3.6	0.5
90	29.9	4.3	3.2	0.37
100	29.2	3.9	2.9	0.28
110	29.1	3.5	2.6	0.22
120	29.3	3.3	2.4	0.17
130	29.8	3.0	2.2	0.12
140	30.5	2.8	2.1	0.09

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM7915MZTL Dino-Lite Edge
Interface	USB 2.0
Resolution	5.0 Megapixel (2592 x 1944)
Magnification	10x ~ 140x
Frame Rate	10 fps at 5.0 MP, MJPEG 25 fps at 1.3 MP, MJPEG
System Requirements	Intel Core2 Duo @ 2.20 GHz/AMD Athlon X2 Dual Core BE-2400 (2.3GHz) 20GB available HD space 2GB available RAM or more 512MB video card or more CD-ROM drive for installation USB 2.0
Operating System	Windows XP/7/8/10/11 macOS 10.14 or later (EDOF/EDR are NOT controllable on macOS)
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	138g

AF4135ZTE

The AF4135ZTE excels with its versatile magnification range of 10x ~ 330x, ensuring detailed exploration across various applications. This model also includes a polarizer, features FLC, and is compatible with the WF-20 Wi-Fi streamer.

In comparison, the AF4x35 series provides a similar working distance range but achieves higher magnifications compared to the AM4x15 series.



1.3 Megapixel

The advanced CMOS image sensor can transmit fluid and crisp images at 15 fps with resolution up to 1280 x 960.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for active LED quadrants.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Adaptable Interface


The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	222.3	39.1	29.3	55.5
20	98.9	19.5	14.7	14.6
30	58.5	13.0	9.8	6.8
40	38.7	9.8	7.3	4.0
50	27.2	7.8	5.9	2.7
60	19.9	6.5	4.9	2.0
70	14.9	5.6	4.2	1.5
80	11.5	4.9	3.7	1.2
90	9.0	4.3	3.3	1.0
100	7.2	3.9	2.9	0.8
110	5.9	3.6	2.7	0.7
120	4.9	3.3	2.4	0.6
130	4.3	3.0	2.3	0.5
140	3.9	2.8	2.1	0.5
150	3.7	2.6	2.0	0.4
160	3.6	2.4	1.8	0.4
170	3.7	2.3	1.7	0.4
180	3.8	2.2	1.6	0.3
190	4.1	2.1	1.5	0.3
200	4.4	2.0	1.5	0.3
210	4.7	1.9	1.4	0.3
220	5.2	1.8	1.3	0.2
230	5.6	1.7	1.3	0.2
240	6.2	1.6	1.2	0.2
250	6.7	1.6	1.2	0.2
260	7.3	1.5	1.1	0.2
270	7.9	1.4	1.1	0.2
280	8.5	1.4	1.0	0.2
290	9.2	1.3	1.0	0.2
300	9.9	1.3	1.0	0.2
310	10.6	1.3	0.9	0.2
320	11.3	1.2	0.9	0.1
330	12.0	1.2	0.9	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Note: All optical data presented in the table above are conducted under white light conditions.

Model	AF4135ZTE
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 330x
Frame Rate	15 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	USB Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 110 g, incl. cable and cap (N3C-O)

AF4135ZTLE

The AF4135ZTLE is a long working distance digital microscope offering a magnification range of 10x ~ 200x for comprehensive explorations of the target. It includes a polarizer, features FLC, and is compatible with the WF-20 Wi-Fi streamer.

In comparison, the AF4x35 series provides a similar working distance range but achieves higher magnifications compared to the AM4x15 series.



1.3 Megapixel

The advanced CMOS image sensor can transmit fluid and crisp images at 15 fps with resolution up to 1280 x 960.



Long Working Distance (LWD) Optics

The LWD optics yield more working space between the object and the microscope, making it ideal for applications such as repair or assembly.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for active LED quadrants.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Adaptable Interface


The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	355.8	39.1	29.3	55.2
20	173.0	19.5	14.7	14.5
30	113.1	13.0	9.8	6.7
40	83.8	9.8	7.3	3.9
50	66.8	7.8	5.9	2.6
60	55.9	6.5	4.9	1.9
70	48.6	5.6	4.2	1.5
80	43.4	4.9	3.7	1.2
90	39.8	4.3	3.3	1.0
100	37.1	3.9	2.9	0.8
110	35.2	3.6	2.7	0.7
120	33.8	3.3	2.4	0.6
130	32.9	3.0	2.3	0.5
140	32.3	2.8	2.1	0.5
150	32.0	2.6	2.0	0.4
160	31.8	2.4	1.8	0.4
170	31.9	2.3	1.7	0.4
180	32.1	2.2	1.6	0.3
190	32.5	2.1	1.5	0.3
200	33.0	2.0	1.5	0.3

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Note: All optical data presented in the table above are conducted under white light conditions.

Model	AF4135ZTLE
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 200x
Frame Rate	15 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	USB Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 110 g, incl. cable and cap (N3C-O)

AF4535ZTE

The AF4535ZTE stands out with its extensive magnification range of 10x ~ 330x and is equipped with AMR, making it the tool of choice for detailed examination and measurement applications. This model also includes a polarizer, features FLC, and is compatible with the WF-20 Wi-Fi streamer.

In comparison, the AF4x35 series provides a similar working distance range but achieves higher magnifications compared to the AM4x15 series.



1.3 Megapixel

The advanced CMOS image sensor can transmit fluid and crisp images at 15 fps with resolution up to 1280 x 960.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for active LED quadrants.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Automatic Magnification Readout (AMR)

The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.



Adaptable Interface

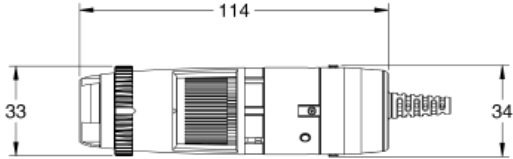
The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	222.3	39.1	29.3	55.5
20	98.9	19.5	14.7	14.6
30	58.5	13.0	9.8	6.8
40	38.7	9.8	7.3	4.0
50	27.2	7.8	5.9	2.7
60	19.9	6.5	4.9	2.0
70	14.9	5.6	4.2	1.5
80	11.5	4.9	3.7	1.2
90	9.0	4.3	3.3	1.0
100	7.2	3.9	2.9	0.8
110	5.9	3.6	2.7	0.7
120	4.9	3.3	2.4	0.6
130	4.3	3.0	2.3	0.5
140	3.9	2.8	2.1	0.5
150	3.7	2.6	2.0	0.4
160	3.6	2.4	1.8	0.4
170	3.7	2.3	1.7	0.4
180	3.8	2.2	1.6	0.3
190	4.1	2.1	1.5	0.3
200	4.4	2.0	1.5	0.3
210	4.7	1.9	1.4	0.3
220	5.2	1.8	1.3	0.2
230	5.6	1.7	1.3	0.2
240	6.2	1.6	1.2	0.2
250	6.7	1.6	1.2	0.2
260	7.3	1.5	1.1	0.2
270	7.9	1.4	1.1	0.2
280	8.5	1.4	1.0	0.2
290	9.2	1.3	1.0	0.2
300	9.9	1.3	1.0	0.2
310	10.6	1.3	0.9	0.2
320	11.3	1.2	0.9	0.1
330	12.0	1.2	0.9	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Note: All optical data presented in the table above are conducted under white light conditions.

Model	AF4535ZTE
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 330x
Frame Rate	15 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	USB Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 110 g, incl. cable and cap (N3C-O)

AF4535ZTLE

The AF4535ZTLE is a 10x ~ 200x long working distance microscope featuring AMR, making it ideal for a wide range of measurement tasks. This model includes a polarizer, features FLC, and is compatible with WF-20 Wi-Fi streamer.

In comparison, the AF4x35 series provides a similar working distance range but achieves higher magnifications compared to the AM4x15 series.



1.3 Megapixel

The advanced CMOS image sensor can transmit fluid and crisp images at 15 fps with resolution up to 1280 x 960.



Long Working Distance (LWD) Optics

The LWD optics yield more working space between the object and the microscope, making it ideal for applications such as repair or assembly.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for active LED quadrants.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Automatic Magnification Readout (AMR)

The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.



Adaptable Interface


The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	355.8	39.1	29.3	55.2
20	173.0	19.5	14.7	14.5
30	113.1	13.0	9.8	6.7
40	83.8	9.8	7.3	3.9
50	66.8	7.8	5.9	2.6
60	55.9	6.5	4.9	1.9
70	48.6	5.6	4.2	1.5
80	43.4	4.9	3.7	1.2
90	39.8	4.3	3.3	1.0
100	37.1	3.9	2.9	0.8
110	35.2	3.6	2.7	0.7
120	33.8	3.3	2.4	0.6
130	32.9	3.0	2.3	0.5
140	32.3	2.8	2.1	0.5
150	32.0	2.6	2.0	0.4
160	31.8	2.4	1.8	0.4
170	31.9	2.3	1.7	0.4
180	32.1	2.2	1.6	0.3
190	32.5	2.1	1.5	0.3
200	33.0	2.0	1.5	0.3

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Note: All optical data presented in the table above are conducted under white light conditions.

Model	AF4535ZTLE
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 200x
Frame Rate	15 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	USB Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 110 g, incl. cable and cap (N3C-O)

AF4935ZTE

The AF4935ZTE is a feature-packed microscope that provides a versatile magnification range from 10x ~ 330x, surpassing standard magnification models. Ready to perform a wide range of tasks, AF4935ZTE offers a polarizer as well as FLC, AMR, EDOF, and EDR. This model is compatible with the WF-20 Wi-Fi streamer.



1.3 Megapixel

The advanced CMOS image sensor can transmit fluid and crisp images at 15 fps with resolution up to 1280 x 960.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for active LED quadrants.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Extended Depth of Field (EDOF)

Viewing rough surfaces with height ranges out of depth of focus, the EDOF can take several images at different focuses and stack them automatically within a click.



Extended Dynamic Range (EDR)

Observing high contrast or reflective surface, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.



Auto and Manual Refocusing

Using mouse inputs, the refocusing capability helps fine-tune the focus, either automatically by clicking at the point of interest or manually by scrolling the mouse.



Automatic Magnification Readout (AMR)

The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.



Adaptable Interface


The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	223.7	39.1	29.3	55.6
20	100.1	19.5	14.7	14.6
30	59.6	13.0	9.8	6.8
40	39.8	9.8	7.3	4.0
50	29.3	7.8	5.9	2.7
60	21.0	6.5	4.9	2.0
70	16.0	5.6	4.2	1.5
80	12.5	4.9	3.7	1.2
90	10.0	4.3	3.3	1.0
100	8.2	3.9	2.9	0.8
110	6.9	3.6	2.7	0.7
120	6.0	3.3	2.4	0.6
130	5.4	3.0	2.3	0.5
140	5.0	2.8	2.1	0.5
150	4.7	2.6	2.0	0.4
160	4.7	2.4	1.8	0.4
170	4.7	2.3	1.7	0.4
180	4.9	2.2	1.6	0.3
190	5.1	2.1	1.5	0.3
200	5.4	2.0	1.5	0.3
210	5.8	1.9	1.4	0.3
220	6.2	1.8	1.3	0.3
230	6.7	1.7	1.3	0.2
240	7.2	1.6	1.2	0.2
250	7.7	1.6	1.2	0.2
260	8.3	1.5	1.1	0.2
270	8.9	1.4	1.1	0.2
280	9.6	1.4	1.0	0.2
290	10.2	1.3	1.0	0.2
300	10.9	1.3	1.0	0.2
310	11.6	1.3	0.9	0.2
320	12.3	1.2	0.9	0.2
330	13.1	1.2	0.9	0.2

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Note: All optical data presented in the table above are conducted under white light conditions.

Model	AF4935ZTE
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 330x
Frame Rate	15 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	USB Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 110 g, incl. cable and cap (N3C-O)

AF4935ZTLE

The AF4935ZTLE is a feature-packed long working distance microscope with a versatile magnification range of 10x ~ 200x. AF4935ZTLE is equipped with a polarizer, and features FLC, AMR, EDOF, and EDR, making it ideal for a wide range of tasks. This model is also compatible with the WF-20 Wi-Fi streamer for wireless connectivity.



1.3 Megapixel

The advanced CMOS image sensor can transmit fluid and crisp images at 15 fps with resolution up to 1280 x 960.



Long Working Distance (LWD) Optics

The LWD optics yield more working space between the object and the microscope, making it ideal for applications such as repair or assembly.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for active LED quadrants.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Extended Depth of Field (EDOF)

Viewing rough surfaces with height ranges out of depth of focus, the EDOF can take several images at different focuses and stack them automatically within a click.



Extended Dynamic Range (EDR)

Observing high contrast or reflective surface, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.



Auto and Manual Refocusing

Using mouse inputs, the refocusing capability helps fine-tune the focus, either automatically by clicking at the point of interest or manually by scrolling the mouse.



Automatic Magnification Readout (AMR)

The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.



Adaptable Interface

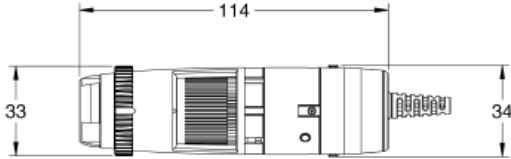
The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	357.7	39.1	29.3	55.3
20	174.6	19.5	14.7	14.5
30	114.5	13.0	9.8	6.7
40	85.2	9.8	7.3	4.1
50	68.2	7.8	5.9	2.9
60	57.3	6.5	4.9	2.2
70	50.0	5.6	4.2	1.7
80	44.8	4.9	3.7	1.4
90	41.1	4.3	3.3	1.2
100	38.4	3.9	2.9	1.0
110	36.5	3.6	2.7	0.9
120	35.1	3.3	2.4	0.8
130	34.2	3.0	2.3	0.7
140	33.6	2.8	2.1	0.7
150	33.3	2.6	2.0	0.6
160	33.2	2.4	1.8	0.5
170	33.3	2.3	1.7	0.5
180	33.5	2.2	1.6	0.5
190	33.8	2.1	1.5	0.4
200	34.3	2.0	1.5	0.4

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Note: All optical data presented in the table above are conducted under white light conditions.

Model	AF4935ZTLE
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 200x
Frame Rate	15 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	USB Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	Approx. 110 g, incl. cable and cap (N3C-O)

AF4535ZTE-N3U

Based on the AF4535ZTE, AF4535ZTE-N3U comes with a detachable nailfold cap (N3C-N) for macro and micro-level capillary observations. This model offers 80x and 300x magnification when using the nailfold cap in contact with the nailfold. AF4535ZTE-N3U is compatible with the WF-20 Wi-Fi streamer for wireless connectivity.



1.3 Megapixel

The advanced CMOS image sensor can transmit fluid and crisp images at 15 fps with resolution up to 1280 x 960.



Flexible LED Control (FLC)

Tasking with software, the FLC provides a six-level intensity adjustment capability for active LED quadrants.



Adjustable Polarizer

The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.



Automatic Magnification Readout (AMR)

The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.



Adaptable Interface

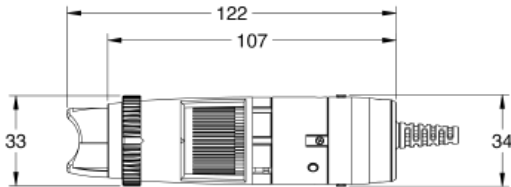
The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with the WF-20.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	222.3	39.1	29.3	55.5
20	98.9	19.5	14.7	14.6
30	58.5	13.0	9.8	6.8
40	38.7	9.8	7.3	4.0
50	27.2	7.8	5.9	2.7
60	19.9	6.5	4.9	2.0
70	14.9	5.6	4.2	1.5
80	11.5	4.9	3.7	1.2
90	9.0	4.3	3.3	1.0
100	7.2	3.9	2.9	0.8
110	5.9	3.6	2.7	0.7
120	4.9	3.3	2.4	0.6
130	4.3	3.0	2.3	0.5
140	3.9	2.8	2.1	0.5
150	3.7	2.6	2.0	0.4
160	3.6	2.4	1.8	0.4
170	3.7	2.3	1.7	0.4
180	3.8	2.2	1.6	0.3
190	4.1	2.1	1.5	0.3
200	4.4	2.0	1.5	0.3
210	4.7	1.9	1.4	0.3
220	5.2	1.8	1.3	0.2
230	5.6	1.7	1.3	0.2
240	6.2	1.6	1.2	0.2
250	6.7	1.6	1.2	0.2
260	7.3	1.5	1.1	0.2
270	7.9	1.4	1.1	0.2
280	8.5	1.4	1.0	0.2
290	9.2	1.3	1.0	0.2
300	9.9	1.3	1.0	0.2
310	10.6	1.3	0.9	0.2
320	11.3	1.2	0.9	0.1
330	12.0	1.2	0.9	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Note: All optical data presented in the table above are conducted under white light conditions.

Model	AF4535ZTE-N3U
Series	Dino-Lite Edge
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 330x
Frame Rate	15 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SW
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-N (Nailfold Cap), Qty: 5 units
Cable Type	USB Type-A cable
Cable Length	Approx. 1.8 m
Unit Dimension	122 mm (H) x 34 mm (D) 
Unit Weight	Approx. 110 g, incl. cable and cap (N3C-N)

AF4115TF

AF4115TF is a 10-70x extra-long working distance microscope ideal for tasks requiring inspections from a distance. AF4115TF magnifies at a minimum working distance of 108mm at 70x and is compatible with WF-20 Wi-Fi streamer.



Extra-long Working Distance (ELWD)

With Edge optics quality, the ELWD lens reveals minute details with minimum 108mm working distance at maximum magnification of 70X, making it well-suited for observations requiring ample space between microscope and object.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.






Scroll Lock

For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view


M	WD	FOV (x)	FOV (y)	DOF
10	503	39.1	31.3	31.49
20	271	19.5	15.6	8.67
30	196	13.0	10.4	4.20
40	159	9.8	7.8	2.56
50	135	7.8	6.3	1.76
60	120	6.5	5.2	1.31
70	108	5.6	4.5	1.03

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4115TF Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	10x~70x
Frame Rate	Up to 30fps
Saving Format	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Illumination	White Light, 8 LEDs
Microtouch	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Dimension	<p>114 mm (H) x 34 mm (D)</p>  <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a height of 114 mm. A vertical dimension line on the right indicates a depth of 34 mm. The device has a rectangular body with a lens on the left and a USB port on the right.</p>
Unit Weight	111g

AF4115ZTF

Obtain high-quality images at up to 70x magnification 108 mm away from the target with AF4115ZTF extra-long working distance digital microscope. AF4115ZTF 10-70x microscope features a polarizer and offers compatibility with Wi-Fi streamer WF-20.



Extra-long Working Distance (ELWD)

With Edge optics quality, the ELWD lens reveals minute details with minimum 108mm working distance at maximum magnification of 70X, making it well-suited for observations requiring ample space between microscope and object.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.






Scroll Lock

For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	503	39.1	31.3	31.49
20	271	19.5	15.6	8.67
30	196	13.0	10.4	4.20
40	159	9.8	7.8	2.56
50	135	7.8	6.3	1.76
60	120	6.5	5.2	1.31
70	108	5.6	4.5	1.03

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4115ZTF Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	10x~70x
Frame Rate	Up to 30fps
Saving Format	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Illumination	White Light, 8 LEDs
Microtouch	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Dimension	<p>114 mm (H) x 34 mm (D)</p> 
Unit Weight	111g

AF4115ZT

Get crisp images at 20-220x with Dino-Lite AF4115ZT 1.3MP digital microscope. AF4115ZT is suitable for a variety of professionals looking for a reliable handheld digital microscope. AF4115ZT offers compatibility with Wi-Fi streamer WF-20 to transmit wireless signals to mobile devices.

This model is also available in white.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

Attach Wi-Fi streamer WF-20, and transform the Dino-Lite into a wireless digital microscope.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.



N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.







N3C-D / Diffuser Cap

This is a translucent cap that partially softens the LED light.



N3C-D2 / Opal Diffuser Cap

This cap softens and evenly distributes the LED light.

	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view


M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4115ZT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	White Light, 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g
Color	Grey: AF4115ZT / White: AF4115ZT(W)

AF4115ZTL

For observations that require the microscope to have a distance from the target, use Dino-Lite 1.3 MP AF4115ZTL, a digital microscope with long-working distance capabilities. AF4115ZTL supports connection to WF-20, a Wi-Fi streamer that lets the user connect the microscope wirelessly to mobile devices.

This model is also available in white.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

Attach Wi-Fi streamer WF-20, and transform the Dino-Lite into a wireless digital microscope.



Long Working Distance (LWD) optics

The LWD optics yield more working space between the object and the microscope, making it ideal for applications such as repairing or assembly.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.








N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-D / Diffuser Cap

This is a translucent cap that partially softens the LED light.

	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

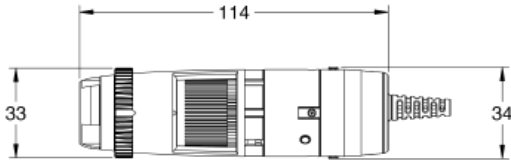
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF4115ZTL Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	10x~140x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	White Light, 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g
Color	Grey: AF4115ZTL / White: AF4115ZTL(W)

AF4115ZTW

Suitable for macroscopic applications, Dino-Lite 1.3 MP AF4115ZTW provides a wide-angle view of the target with a 10-50x magnification rate. AF4115ZTW can connect to Wi-Fi streamer WF-20 and provide wireless transmission of images and videos.

This model is also available in white.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

Attach Wi-Fi streamer WF-20, and transform the Dino-Lite into a wireless digital microscope.



Wide Field of View (WFOV)

This significant feature is specially designed to provide large FOV at a reasonable working distance while keeping crisp image over the whole image for macro-view observation.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.








N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-D / Diffuser Cap

This is a translucent cap that partially softens the LED light.

	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

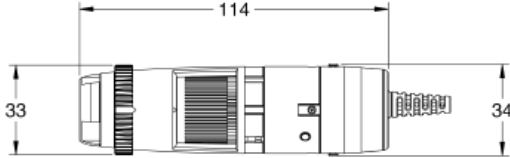
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

T Zone				
M	WD	FOV (x)	FOV (y)	DOF
50	14	9	7	3
40	42	11	9	5
30	64	15	12	9
20	119	23	19	21
15	182	30	24	39

W Zone				
M	WD	FOV (x)	FOV (y)	DOF
30	11	14	11	6
20	25	25	20	13
15	39	31	25	22
10	68	41	33	51
5	156	98	78	250

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF4115ZTW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	10x~50x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	White Light, 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g
Color	Grey: AF4115ZTW / White: AF4115ZTW(W)

AF4515ZT

Featuring with FLC and AMR, the Dino-Lite Edge 1.3MP AF4515ZT was made to be tool of choice for measurement-intensive applications within 20-220X magnification. With the adaptable interface which supports the connection to WF-20, a Wi-Fi streamer, the AF4515ZT could be transformed into a wireless microscope on an as-needed basis.

This model is also available in white.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF = depth of field

Model	AF4515ZT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	White Light, 8 LEDs
Polarizer	Yes
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g
Color	Grey: AF4515ZT / White: AF4515ZT(W)

AF4515ZTL

Featuring with FLC, AMR, and long-working-distance (LWD) lens, the Dino-Lite Edge 1.3MP AF4515ZTL was made to be tool of choice for measurement-intensive applications within 10-140X magnification. The adaptable interface which supports the connection to WF-20, a Wi-Fi streamer, allows the AF4515ZTL to be transformed into a wireless microscope on an as-needed basis.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Long-Working-Distance (LWD) optics

The LWD optics yields more working space between the object and the microscope, making it ideal for applications such as repairing or assembly.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4515ZTL Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	10x~140x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	White Light, 8 LEDs
Polarizer	Yes
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g
Color	Grey: AF4515ZTL / White: AF4515ZTL(W)

AF4515ZT4

Dino-Lite Edge 1.3MP AF4515ZT4 is a 400-470x magnification digital microscope equipped with FLC and AMR to facilitate tasks requiring light adjustments and measurement analysis. AF4515ZT4 is compatible with WF-20, a Wi-Fi streamer.



High optical resolution with up to 400X magnification

With superior optics, this Edge model is capable of revealing some of the finest details within a range of 400-470X magnifications.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.






Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.


Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
400	5.1	0.971	0.713	
410	6.0	0.951	0.697	
420	7.3	0.926	0.680	
430	8.0	0.905	0.664	
440	8.8	0.884	0.648	
450	10.0	0.867	0.636	
460	11.3	0.847	0.621	
470	11.8	0.828	0.608	0.04

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF4515ZT4 Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	400x~470x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	White Light, 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	117 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4915ZT

The Dino-Lite Edge 1.3MP AF4915ZT, an all-in-one device with adaptable interface, is designed to meet most professional applications within 20-220x magnification. The AF4915ZT integrates with EDOF, EDR, AMR and FLC as well as crisp image quality, making it one of the most versatile devices of Dino-Lite. When attaching with WF-20, a Wi-Fi streamer, the AF4915ZT could be transformed into a wireless microscope, catering the needs for field applications.

This model is also available in white.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Extend Depth of Field (EDOF)

Viewing rough surface with height range out of depth of focus, the EDOF can take several images at different focus and stack them automatically within a click.



Extend Dynamic Range (EDR)

Observing high contrast or reflective surface, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4915ZT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	White Light, 8 LEDs
Polarizer	Yes
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later (EDOF/EDR are NOT controllable on macOS)
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g
Color	Grey: AF4915ZT / White: AF4915ZT(W)

AF4915ZTL

The Dino-Lite Edge 1.3MP AF4915ZTL, an all-in-one device with long-working-distance (LWD) optics and adaptable interface, is designed to meet most professional applications within 10-140x magnification. The AF4915ZTL integrates with EDOF, EDR, AMR and FLC as well as crisp image quality, making it one of the most versatile devices of Dino-Lite. When attaching with WF-20, a Wi-Fi streamer, the AF4915ZTL could be transformed into a wireless microscope, catering the needs for field applications.



This model is also available in white.

Note: EDOF/EDR available on Windows PC only.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Flexible LED Control (FLC)

Tasking with software, the FLC maximizes illumination flexibility by offering independent on/off control of the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Long-Working-Distance (LWD) optics

The LWD optics yields more working space between the object and the microscope, making it ideal for applications such as repairing or assembly.



Extend Depth of Field (EDOF)

Viewing rough surface with height range out of depth of focus, the EDOF can take several images at different focus and stack them automatically within a click.



Extend Dynamic Range (EDR)

Observing high contrast or reflective surface, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable polarizer

The built-in adjustable polarizer allows to remove freely the unwanted reflection or glare from the object surface for a better contrast.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ringlight, and coaxial-light etc.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4915ZTL Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	10x~140x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	White Light, 8 LEDs
Polarizer	Yes
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later (EDOF/EDR are NOT controllable on macOS)
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g
Color	Grey: AF4915ZTL / White: AF4915ZTL(W)

AF4515-FIT

Equipped with an 850 nm light, AF4515-FIT is suitable for examining targets with infrared transmissive or reflective surfaces. This model is compatible with WF-20 Wi-Fi streamer to transform AF4515-FIT into a wireless digital microscope.



850nm IR illumination

850nm near infrared lights to illuminate specimens.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Adjustable LED intensity

The LED intensity could be adjusted within six levels for providing further illumination flexibility.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.





N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-E / Extended Open Cap (12.5mm length)

This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.

	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

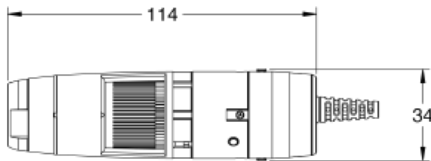
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF4515-FIT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	IR Light (850 nm), 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4515-FJT

Equipped with a 940 nm light, AF4515-FJT is suitable for examining targets with infrared transmissive or reflective surfaces. This model is compatible with WF-20 Wi-Fi streamer to transform AF4515-FJT into a wireless digital microscope.



940nm IR illumination

940nm near infrared lights to illuminate specimens.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Adjustable LED intensity

The LED intensity could be adjusted within six levels for providing further illumination flexibility.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.





N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-E / Extended Open Cap (12.5mm length)

This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.

	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF4515-FJT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	IR Light (940 nm), 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4515-FKT

Equipped with a 780 nm light, AF4515-FKT is suitable for examining targets with infrared transmissive or reflective surfaces. This model is compatible with WF-20 Wi-Fi streamer to transform AF4515-FKT into a wireless digital microscope.



780nm IR illumination

780nm near infrared lights to illuminate specimens.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Adjustable LED intensity

The LED intensity could be adjusted within six levels for providing further illumination flexibility.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.





N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-E / Extended Open Cap (12.5mm length)

This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.

	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.


Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF4515-FKT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	IR Light (780 nm), 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4515-FVT

Dino-Lite Edge 1.3MP AF4515-FVT allows users to visualize their target under a 395nm light emitting source. Featuring AMR, AF4515-FVT automates magnification reading inputs and increases measurements efficiency and accuracy. AF4515-FVT can be attached to WF-20, a Wi-Fi streamer.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable LED intensity

The LED intensity could be adjusted within 6 levels for providing further illumination flexibility.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.



N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.





N3C-E / Extended Open Cap (12.5mm length)

This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.



N3C-L / Long Cap (30mm length)

This cap assists users to find focus quickly at low magnification when it touches surface.

	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

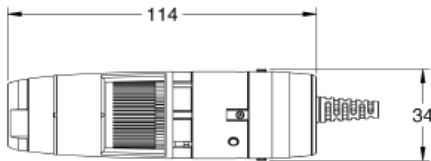
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF4515-FVT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	UV Light (395 nm), 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4515T-FUW

Designed for professionals in need of observing their target with different wavelengths, Dino-lite 1.3MP AF4515T-FUW digital microscope offers a 375nm UV and white light dual light source.



Dual light

Switch between white light and 375nm UV light with the click of a button



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable LED intensity

The LED intensity could be adjusted within 6 levels for providing further illumination flexibility.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.

	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

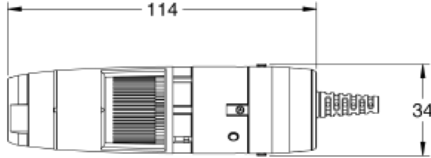
M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4515T-FUW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	UV Light (375 nm), 4 LEDs White Light, 4 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4515T-FVW

Designed for professionals in need of observing their target with different wavelengths, Dino-lite 1.3MP AF4515T-FVW digital microscope offers a 395nm UV and white light dual light source.



Dual light

Switch between white light and 395nm UV light with the click of a button



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable LED intensity

The LED intensity could be adjusted within 6 levels for providing further illumination flexibility.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.



Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.








N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-D / Diffuser Cap

This is a translucent cap that partially softens the LED light.

	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

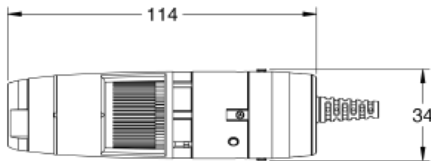
M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4515T-FVW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	UV Light (395 nm), 4 LEDs White Light, 4 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4515TL-FVW

Designed for long working distance observations at different wavelengths, Dino-Lite Edge 1.3MP AF4515TL-FVW offers 395nm and white light-emitting sources. This model is compatible with WF-20, a Wi-Fi streamer.



Dual light

Switch between white light and 395nm UV light with the click of a button.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Long Working Distance (LWD) optics

The LWD optics yield more working space between the object and the microscope, making it ideal for applications such as repairing or assembly.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Adjustable LED intensity

The LED intensity could be adjusted within 6 levels for providing further illumination flexibility.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.










Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface, such as but not limited to diffused-light, ring-light, and coaxial-light etc.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AF4515TL-FVW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	10x~140x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	UV Light (395 nm), 4 LEDs White Light, 4 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4115T-GRFBY

Use 465 nm light to view green fluorescence or switch to 580 nm excitation lights to view red fluorescence signals with AF4115T-GRFBY digital microscope. When attached to Dino-Lite Wi-Fi streamers, this model is able to transmit signals wirelessly.



Green and Red fluorescence

The switchable 465 and 580 nm excitation lights coupled with a 505 nm ~ 535 nm and 610 nm ~ 650 nm dual-band emission filter make this microscope suitable for viewing targets labeled with fluorescent probes such as GFP and mCherry.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adaptable interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



Adjustable LED intensity

The LED intensity could be adjusted within six levels for providing further illumination flexibility.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.







Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-LB / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AF4115T-GRFBY Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Illumination	Excitation (λ_{peak} : 465 nm), 4 LEDs Excitation (λ_{peak} : 580 nm), 4 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	114 mm (H) x 34 mm (D) 
Unit Weight	111g

AF4115-RUT

Designed for viewing among irides with different colors, AF4115-RUT is a dual light source Iriscope with a 20x magnification that provides detailed and clear images of the iris. AF4115-RUT is compatible with Wi-Fi streamer WF-20 for wireless connectivity to mobile devices.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images with a resolution up to 1280x1024.



Adaptable Interface

The adaptable interface provides the capability of transforming Dino-Lite into a wireless microscope when attaching with WF-20.



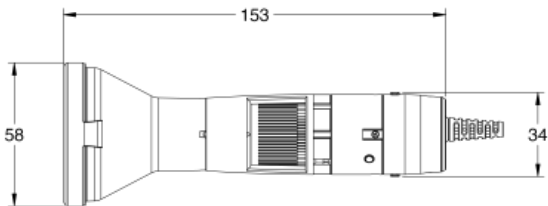
Dual Light Source

Switch between white and yellowish LED lighting with the click of a button.



Scroll Lock

The scroll lock ensures the focus knob stays at the desired focus or magnification position without the worry of unintentional movement.

Model	AF4115-RUT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Lighting	2 white LEDs 2 yellow LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Dimension	153 mm (H) x 58 mm (D) 
Unit Weight	100g

AM4115TF

Designed to provide extra-long working distance, the 1.3MP AM4115TF impressively offers minimum 108mm viewing distance with maximum 70X magnification. In comparison to the Edge series LWD models, the AM4115TF extends 75mm working distance at 70X magnification, making it an ideal option for fabrication or observation requiring long distance.



Extra-long Working Distance

This significant feature is specially designed to provide enough space for assembly inspection, machine vision or other applications requiring long range distance.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.






Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.


Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	503	39.1	31.3	31.49
20	271	19.5	15.6	8.67
30	196	13.0	10.4	4.20
40	159	9.8	7.8	2.56
50	135	7.8	6.3	1.76
60	120	6.5	5.2	1.31
70	108	5.6	4.5	1.03

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115TF Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification	10x~70x
Frame Rate	Up to 30fps
Sensor	Color CMOS
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Yes
Illumination	White Light, 8 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Measurement Function	Yes
Calibration Function	Yes
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side view of the device. A horizontal dimension line at the top indicates a width of 103 mm. A vertical dimension line on the right indicates a depth of 32 mm. The device has a rectangular body with a lens on the left and a USB port on the right.</p>
Unit Weight	104g

AM4115TW

With zoom lens operable at magnification 10x-50x, the AM4115TW delivers stunning corner-to-corner sharpness with noticeably large depth-of-field, making it ideal for macro view applications, from industrial, entomology, to dermatology and more.



Flexible working distance

The working distance of AM4115TW can be anywhere above 1cm, with different usable magnifications within the range of knob rotating. It can be easy to find the most suitable working distance to cover the intended FOV, while keeping the capability to further magnify it by rotating the knob.










Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:


The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

T Zone				
M	WD	FOV (x)	FOV (y)	DOF
50	14	9	7	3
40	42	11	9	5
30	64	15	12	9
20	119	23	19	21
15	182	30	24	39

W Zone				
M	WD	FOV (x)	FOV (y)	DOF
30	11	14	11	6
20	25	25	20	13
15	39	31	25	22
10	68	41	33	51
5	156	98	78	250

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115TW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	10x~50x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115ZTF

Dino-Lite 1.3MP AM4115ZTF is a digital microscope designed for tasks requiring long-distance from the target, yet offer high-quality images. AM4115ZTF is an extra-long working distance digital microscope capable of 70x magnification when 108mm away and 10x magnification when 508mm away.



Extra-long Working Distance (ELWD)

This significant feature is specially designed to provide enough space for assembly inspection, machine vision or other applications requiring long distance.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Adjustable polarizer

The built-in adjustable polarizer allows to freely remove the unwanted reflection or glare from the object surface for a better contrast.






Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

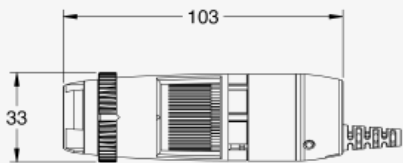
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	503	39.1	31.3	31.49
20	271	19.5	15.6	8.67
30	196	13.0	10.4	4.20
40	159	9.8	7.8	2.56
50	135	7.8	6.3	1.76
60	120	6.5	5.2	1.31
70	108	5.6	4.5	1.03

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115ZTF Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification	10x~70x
Frame Rate	Up to 30fps
Sensor	Color CMOS
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Yes
Illumination	White Light, 8 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Measurement Function	Yes
Calibration Function	Yes
Unit Dimension	<p>103 mm (H) x 33 mm (D)</p>  <p>The technical drawing shows a side profile of the Dino-Lite Edge unit. A vertical dimension line on the left indicates a height of 103 mm. A horizontal dimension line at the bottom indicates a depth of 33 mm. The unit is shown with its lens, LED array, and various ports and buttons.</p>
Unit Weight	104g

AM4115ZTW

With zoom lens operable at magnification 10x-50x, the AM4115ZTW delivers stunning corner-to-corner sharpness with noticeably large depth-of-field, making it ideal for macro view applications, from industrial, entomology, to dermatology and more.



Large Field-of-View (FOV) and Depth-of-Field (DOF)

The AM4115ZTW delivers higher image quality with larger FOV and DOF, compared to other Dino-Lite with the same working distance. This feature makes it ideal for macro view applications.



Zoomable with long working distance

Working with distance larger than 1cm from the target, rotating the knob may find another magnification with focus, and thus effectively zoom in the image optically. This may help to retain the capability looking into more detail while enjoying the large FOV feature.



Polarizer

To many applications, it is inevitable to have reflection on the surface resulting from the built-in illumination. The freely adjustable polarizer helps to reveal more detail or to enhance the contrast on the surface by reducing or eliminating the reflections.

For applications such as optical mineralogy requiring transmitted polarizing illumination, the Dino-Lite back-light pad (BL-ZW1) is optional to be used with all Dino-Lite polarizer models.










Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

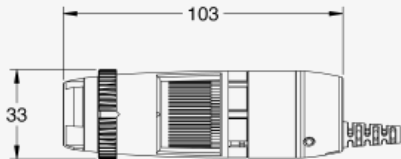
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

T Zone				
M	WD	FOV (x)	FOV (y)	DOF
50	14	9	7	3
40	42	11	9	5
30	64	15	12	9
20	119	23	19	21
15	182	30	24	39

W Zone				
M	WD	FOV (x)	FOV (y)	DOF
30	11	14	11	6
20	25	25	20	13
15	39	31	25	22
10	68	41	33	51
5	156	98	78	250

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115ZTW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	10x~50x
Sensor	Frame Rate Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	White Light, 8 LEDs
Polarizer	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Dimension	<p>103 mm (H) x 33 mm (D)</p> 
Unit Weight	100g

AM4515ZT4

Combining diffused-polarizer and AMR (Automatic Magnification Reading) in one unit, the AM4515ZT4 delivers stunningly sharp image on 400-470x magnification without measurement efficiency compromised. The detachable cap also yields more working distance for better adaptability to higher magnification applications.



Over 400X magnification

With magnification over 400X and high-resolution optics, this Edge series model reveals details and delivers superior image quality.



Automatic Magnification Reading (AMR)

With this feature built into the microscope, our proprietary software will automatically detect and display the magnification readings in real-time, and store the magnification within each captured image. This feature improves the accuracy and precision of these readings while also increasing overall efficiency.



Adjustable polarizer

This model includes a rotatable polarized light filter (polarizer) that is useful for suppressing glare from reflective materials, such as metals, plastics, or glass. For applications that require transmitted polarizing illumination, such as optical mineralogy, we recommend purchasing the Dino-Lite BL-ZW1 backlight pad as an added accessory.



Fine Focus Dial

This specially designed dial improves the user experience associated with making fine focus adjustments under high magnification.



MicroTouch shutter button

Take picture-perfect photos quickly and conveniently with the MicroTouch shutter button. This small, round, touch-sensitive button responds to the lightest touch to avoid blurry photos caused by excessive movement of the microscope. The MicroTouch shutter button can also be configured to control video recording, trigger barcode scanning, or switch on/off the LED lights.






Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.


Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
400	5.1	0.971	0.713	
410	6.0	0.951	0.697	
420	7.3	0.926	0.680	
430	8.0	0.905	0.664	
440	8.8	0.884	0.648	
450	10.0	0.867	0.636	
460	11.3	0.847	0.621	
470	11.8	0.828	0.608	0.04

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4515ZT4 Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification	400x~470x
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Illumination	White Light, 8 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>106 mm (H) x 33 mm (D)</p> 
Package Dimensions	16 cm (L) x 16 cm (W) x 6 cm (H)

AM4515T5

The Dino-Lite AM4515T5 Edge series handheld microscope features high magnification (500x~550x), improved optics for sharper images, and Automatic Magnification Reading (AMR) for easy measurement. This model also features a greater working distance at high magnification, which provides more clearance between the microscope lens and the object under view. With these features, this microscope will excel in biomedical research, material analysis, electronics inspection, or any similar applications that require the examination and measurement of intricate structures.

The specialized software bundled with this product (DinoCapture 2.0) allows users to calibrate the microscope, capture & annotate images, measure image features, and record video. With the Automatic Magnification Reading (AMR) feature, measuring image features becomes as easy as point-and-click. Users are not bothered with manually reading and entering the magnification into the software before every measurement, which increases efficiency and reduces the potential for human error.

This AM4515T5 also features a scroll lock on the magnification dial to secure the dial and fix the focus and magnification, which can be helpful to prevent unintentional rotations of the dial. Other standard features include the MicroTouch shutter button for quick and convenient picture taking and eight high-intensity white LEDs that fully illuminate the viewing subject. The AM4515T5 can be used on its own as a handheld device or secured in place with a microscope stand. For tabletop usage, the Dino-Lite RK-10 universal stand is the best choice for this model, due to its precision controls and sturdy design, which make it a stable viewing platform at high magnifications. To learn more, visit the RK-10 product information page under the Accessories product category on this website.



Over 500X magnification

With magnification over 500x and high-resolution optics, this Edge series model reveals details smaller than 2.5µm and delivers superior image quality.



PC Compatible

This Dino-Lite Edge series microscope connects to the USB 2.0 port on any compatible Windows PC. Once connected, users can easily record, manage, and share their observations using our proprietary software (DinoCapture 2.0). This software is provided free of charge to customers and features professional measurement tools with calibration.



Automatic Magnification Reading (AMR)

With this feature built into the microscope, our proprietary software will automatically detect and display the magnification readings in real-time, and store the magnification within each captured image. This feature improves the accuracy and precision of these readings while also increasing overall efficiency.



Fine Focus Dial

This specially designed dial improves the user experience associated with making fine focus adjustments under high magnification.



MicroTouch shutter button

Take picture-perfect photos quickly and conveniently with the MicroTouch shutter button. This small, round, touch-sensitive button responds to the lightest touch to avoid blurry photos caused by excessive movement of the microscope. The MicroTouch shutter button can also be configured to control video recording, trigger barcode scanning, or switch on/off the LED lights.






Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

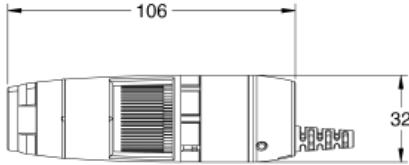
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
500	9.5	0.8	0.6	0.15
550	9.2	0.7	0.6	0.12

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4515T5 Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	500x~550x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Measurement Function	Yes
Calibration Function	Yes
Illumination	White Light, 8 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>106 mm (H) x 32 mm (D)</p> 
Package Dimensions	16 cm (L) x 16 cm (W) x 6 cm (H)

AM4515T8

The Dino-Lite AM4515T8 Edge series handheld microscope features high magnification (700x~900x), improved optics for sharper images, and Automatic Magnification Reading (AMR) for easy measurement. This model also features a greater working distance at high magnification, which provides more clearance between the microscope lens and the object under view. With these features, this microscope will excel in biomedical research, material analysis, electronics inspection, or any similar applications that require the examination and measurement of intricate structures.

The specialized software bundled with this product (DinoCapture 2.0) allows users to calibrate the microscope, capture & annotate images, measure image features, and record video. With the Automatic Magnification Reading (AMR) feature, measuring image features becomes as easy as point-and-click. Users are not bothered with manually reading and entering the magnification into the software before every measurement, which increases efficiency and reduces the potential for human error.

This AM4515T8 also features a scroll lock on the magnification dial to secure the dial and fix the focus and magnification, which can be helpful to prevent unintentional rotations of the dial. Other standard features include the MicroTouch shutter button for quick and convenient picture taking and eight high-intensity white LEDs that fully illuminate the viewing subject. The AM4515T8 can be used on its own as a handheld device or secured in place with a microscope stand. For tabletop usage, the Dino-Lite RK-10 universal stand is the best choice for this model, due to its precision controls and sturdy design, which make it a stable viewing platform at high magnifications. To learn more, visit the RK-10 product information page under the Accessories product category on this website.



Up to 900X magnification

With up to 900x magnification and high-resolution optics, this Edge series model reveals details smaller than 1.5 μm while delivering superior image quality.



PC Compatible

This Dino-Lite Edge series microscope connects to the USB 2.0 port on any compatible Windows PC. Once connected, users can easily record, manage, and share their observations using our proprietary software (DinoCapture 2.0). This software is provided free of charge to customers and features professional measurement tools with calibration.



Automatic Magnification Reading (AMR)

With this feature built into the microscope, our proprietary software will automatically detect and display the magnification readings in real-time, and store the magnification within each captured image. This feature improves the accuracy and precision of these readings while also increasing overall efficiency.



Fine Focus Dial

This specially designed dial improves the user experience associated with making fine focus adjustments under high magnification.



MicroTouch shutter button

Take picture-perfect photos quickly and conveniently with the MicroTouch shutter button. This small, round, touch-sensitive button responds to the lightest touch to avoid blurry photos caused by excessive movement of the microscope. The MicroTouch shutter button can also be configured to control video recording, trigger barcode scanning, or switch on/off the LED lights.






Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

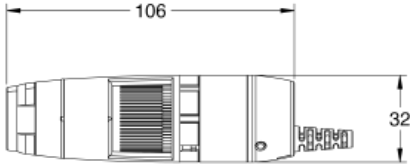
M	WD	FOV (x)	FOV (y)	DOF
700	6.6	0.6	0.4	
800	6.4	0.5	0.4	
900	6.3	0.4	0.3	0.016

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM4515T8 Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	700x~900x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Movie: DinoCapture2.0: WMV, FLV, SWF
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Measurement Function	Yes
Calibration Function	Yes
Illumination	White Light, 8 LEDs
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	106 mm (H) x 32 mm (D) 
Package Dimensions	16 cm (L) x 16 cm (W) x 6 cm (H)

AM4115-FIT

The Dino-Lite AM4115-FIT handheld digital microscope features 850nm infrared LED lighting. The AM4115-FIT views and records images at 1.3 Megapixels which lets you view objects with great image quality. This model can magnify at various magnifications depending of distance with a maximum magnification of 200X.

It also has an amazing yet easy to use MicroTouch trigger (touch sensitive static sensor). The MicroTouch feature on the handheld digital microscope gives users the option of taking a picture right from the scope itself. The MicroTouch was designed to minimize image blur while taking a picture with the microscope. Great for those moments when you need to take a picture, but having a hard time reaching the computer.

Included with the Dino-Lite handheld digital microscope is a copy of the "DinoCapture" software, enabling you to "capture" either a photograph, video, or time-lapsed video within a few simple clicks. This model comes with the full version of DinoCapture software which includes measurement and measurement calibration for greater precision work. As for all DinoCapture software though, updates with improvements to the software is always free.



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



850nm IR illumination

850nm Near Infrared lights to illuminate specimens.







Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

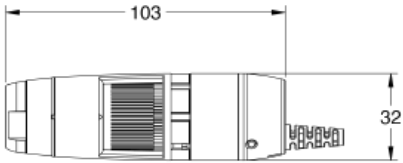
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115-FIT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking picture
Illumination	IR Light (850 nm), 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115-FJT

The Dino-Lite AM4115-FJT handheld digital microscope features 940nm infrared LED lighting. The AM4115-FJT views and records images at 1.3 Megapixels which lets you view objects with great image quality. This model can magnify at various magnifications depending of distance with a maximum magnification of 200X.

It also has an amazing yet easy to use MicroTouch trigger (touch sensitive static sensor). The MicroTouch feature on the handheld digital microscope gives users the option of taking a picture right from the scope itself. The MicroTouch was designed to minimize image blur while taking a picture with the microscope. Great for those moments when you need to take a picture, but having a hard time reaching the computer.

Included with the Dino-Lite handheld digital microscope is a copy of the "DinoCapture" software, enabling you to "capture" either a photograph, video, or time-lapsed video within a few simple clicks. This model comes with the full version of DinoCapture software which includes measurement and measurement calibration for greater precision work. As for all DinoCapture software though, updates with improvements to the software is always free.



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



940nm IR illumination

940nm Near Infrared lights to illuminate specimens.







Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

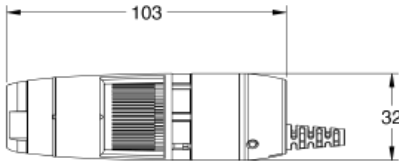
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115-FJT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	IR Light (940 nm), 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115-FKT

The Dino-Lite AM4115-FKT handheld digital microscope features 780nm infrared LED lighting. The AM4115-FKT views and records images at 1.3 Megapixels which lets you view objects with great image quality. This model can magnify at various magnifications depending of distance with a maximum magnification of 200X.

It also has an amazing yet easy to use MicroTouch trigger (touch sensitive static sensor). The MicroTouch feature on the handheld digital microscope gives users the option of taking a picture right from the scope itself. The MicroTouch was designed to minimize image blur while taking a picture with the microscope. Great for those moments when you need to take a picture, but having a hard time reaching the computer.

Included with the Dino-Lite handheld digital microscope is a copy of the "DinoCapture" software, enabling you to "capture" either a photograph, video, or time-lapsed video within a few simple clicks. This model comes with the full version of DinoCapture software which includes measurement and measurement calibration for greater precision work. As for all DinoCapture software though, updates with improvements to the software is always free.



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



780nm IR illumination

780nm Near Infrared lights to illuminate specimens.







Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

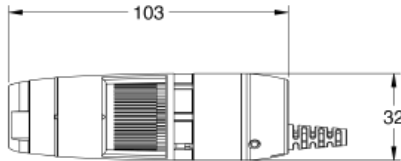
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115-FKT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	IR Light (780 nm), 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a width of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The device has a rectangular body with a lens on the left and a trigger button on the right.</p>
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115-FVT

The AM4115-FVT, with the exceptional image quality of Dino-Lite Edge featuring 395nm UV lighting with high sensitivity 1.3 Megapixels sensor., is designed to meet more professional needs. It also has better adaptability to different applications with the detachable and exchangeable front cap design.



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



395nm UV illumination

395nm Near UV lighting to illuminate specimens.








Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

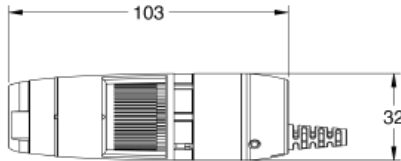
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115-FVT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (395 nm), 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side view of the rectangular unit. A horizontal dimension line at the top indicates a width of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The unit has a lens on the left side and a USB port on the right side.</p>
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115-FUT

The AM4115-FUT, with the exceptional image quality of Dino-Lite Edge featuring 375nm UV lighting with high sensitivity 1.3 Megapixels sensor., is designed to meet more professional needs. It also has better adaptability to different applications with the detachable and exchangeable front cap design.



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



375nm UV illumination

375nm Near UV lighting to illuminate specimens.








Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

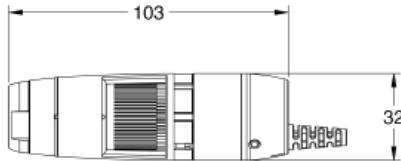
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115-FUT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (375 nm), 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115T-FUW

The AM4115T-FUW, with the exceptional image quality of Dino-Lite Edge, featuring 375nm UV and white light switchable by software is designed to meet more professional needs. It also has better adaptability to different applications with the detachable and exchangeable front cap design.



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



375nm UV illumination

375nm Near UV lighting to illuminate specimens.



Dual light source

This software controlled feature allows switching between two sets of lighting for examination.



Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.



N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-D / Diffuser Cap

This is a translucent cap that partially softens the LED light.






N3C-D2 / Opal Diffuser Cap

This cap softens and evenly distributes the LED light.



N3C-E / Extended Open Cap (12.5mm length)

This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.

	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

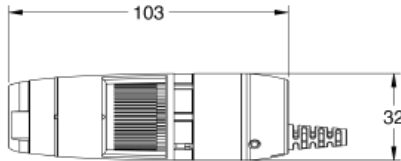
M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM4115T-FUW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (375 nm), 4 LEDs White Light, 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115T-FVW

The AM4115T-FVW, with the exceptional image quality of Dino-Lite Edge, is designed to meet more professional needs. It also has better adaptability to different applications with the detachable and exchangeable front cap design.



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



395nm UV illumination

395nm Near UV lighting to illuminate specimens.



Dual light source

This software controlled feature allows switching between two sets of lighting for examination.










Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-D / Diffuser Cap This is a translucent cap that partially softens the LED light.
	N3C-D2 / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.

	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

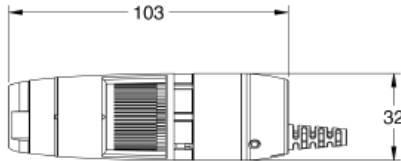
M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM4115T-FVW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (395 nm), 4 LEDs White Light, 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115TL-FVW

The AM4115TL-FVW extends Dino-Lite's applications in long working distance to higher magnification range, featuring 395nm UV and white lights switchable by software with better image quality.



High quality optics

This Dino-Lite Edge series microscope maximizes observed details with state-of-the-art lens design and super sharp resolving power.



PC/MAC Compatibility

Digitize the microscopy experience with easy recording and sharing of observations in the office or in the field with a compatible PC or MAC with USB 2.0 port. Use professional measurement tools with calibration for assured accuracy and conveniently capture and modify photos with the bundled software.



395nm UV illumination

395nm Near UV lighting to illuminate specimens.



Largest magnification range with long working distance

The wide magnification range (10x to 140x) is achieved with working distances greater than 29 mm (without front cap), which can be helpful when clearance is required between the microscope and the viewing object.



MicroTouch shutter button

Take picture-perfect photos quickly and conveniently with the MicroTouch shutter button. This small, round, touch-sensitive button responds to the lightest touch to avoid blurry photos caused by excessive movement of the microscope. The MicroTouch shutter button can also be configured to control video recording, trigger barcode scanning, or switch on/off the LED lights.



Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.



N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.







N3C-D / Diffuser Cap

This is a translucent cap that partially softens the LED light.



N3C-D2 / Opal Diffuser Cap

This cap softens and evenly distributes the LED light.

	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.
	N3C-S / Sidelight Cap Use the sidelight cap to light from the side for highlighting the texture and depth of targets at short working distances.

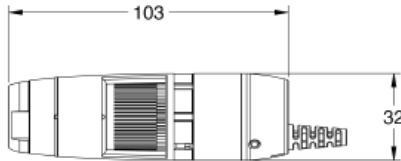
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115TL-FVW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	10x~140x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	UV Light (395 nm), 4 LEDs White Light, 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115T-JV

With switchable 395 nm and 940 nm LED lighting, AM4115T-JV provides illumination capabilities for revealing features in the UV and infrared spectrum.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images with a resolution up to 1280x1024.



High Optical Resolution

The superior optics adopted in the Edge series reveal the finest details, answering the needs of the most demanding microscopy applications.



Dual Light Source

Switch between 395 nm and 940 nm LED lighting with the click of a button.



Scroll Lock

For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.







Interchangeable Caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.


Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115T-JV Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Sensor	Color CMOS
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV.
Microtouch	Yes
Illumination	UV Light (395 nm), 4 LEDs IR Light (940 nm), 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Dimension	103 mm (H) x 32 mm (D) 
Unit Weight	100g

AM4115T-JU

With switchable 375 nm and 940 nm LED lighting, AM4115T-JU provides illumination capabilities for revealing features in the UV and infrared spectrum.



1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images with a resolution up to 1280x1024.



High Optical Resolution

The superior optics adopted in the Edge series reveal the finest details, answering the needs of the most demanding microscopy applications.



Dual Light Source

Switch between 375 nm and 940 nm LED lighting with the click of a button.



Scroll Lock

For tasks requiring a fixed magnification position for long periods, lock the focus knob, and avoid any unintentional focus shift.







Interchangeable Caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.


Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115T-JU Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (1280x1024)
Magnification	20x~220x
Frame Rate	15fps in 1.3MP, MJPEG 30fps in VGA, MJPEG
Sensor	Color CMOS
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Yes
Illumination	UV Light (375 nm), 4 LEDs IR Light (940 nm), 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Dimension	103 mm (H) x 32 mm (D) 
Unit Weight	100g

AM4515-FIT

Use AM4515-FIT 850nm infrared light digital microscope to examine documents, LEDs, and other infrared emitting samples.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Automatic Magnification Reading (AMR)

Without the hassle to stop and check the magnification for doing a measurement, the AMR detects the magnification rate automatically through the software, making the measurement be a more efficient, accurate, and pleasant process.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.







Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable front caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

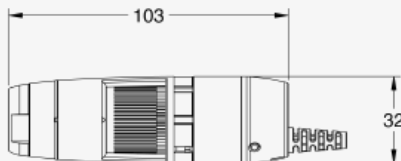
M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM4515-FIT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification	20x~220x
Frame Rate	Up to 30fps
Sensor	Color CMOS
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Illumination	IR Light (850 nm), 8 LEDs
Microtouch	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Calibration Function	Yes
Measurement Function	Yes
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p>  <p>The technical drawing shows a side view of the device. A horizontal dimension line at the top indicates a width of 103 mm. A vertical dimension line on the right indicates a height of 32 mm. The device has a rectangular body with a lens on the left and a USB port on the right.</p>
Unit Weight	100g

AM4815-FJT



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



Extended Depth of Field (EDOF)

To view a rough surface with height range out of depth of focus, the AM4815T's EDOF capture mode can take several pictures at different focus and stack them automatically within a click. The resulted EDOF image maintains the picture quality from its original pictures which also can be reviewed in DinoCapture 2.0.



Extended Dynamic Range (EDR)

For high contrast or reflective surface, the EDR capture mode can help to reveal the details of dark or bright areas, which may lost in normal capture mode, by stacking images taken at different exposure levels.







Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-L / Long Cap (30mm length) This cap assists users to find focus quickly at low magnification when it touches surface.
	N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

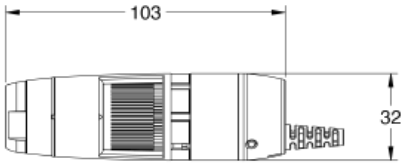
M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM4815-FJT Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Movie: DinoCapture2.0: WMV, FLV, SWF
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	IR Light (940 nm), 8 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later (EDOF/EDR are NOT controllable on macOS)
Unit Weight	100g
Unit Dimension	103 mm (H) x 32 mm (D) 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115T-CFVW

Applicable for research with cyan and a wide range of fluorescence, the Dino-Lite EDGE AM4115T-CFVW digital microscope is one of the world's smallest fluorescence microscopes with near UV excitation LEDs integrated. With its small form factor, it impacts the microscopy world by changing how the fluorescence microscope can be used for research by no longer needing to be bulky, heavy, expensive, or delicate.



Wide-Ranging Fluorescence Detection

With an excitation peak at 400 nm, the 420 nm ~ 650 nm emission filter accommodates a broad array of fluorescence labels.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20x~220x depending on working distance by simply zooming in or out with just a rotating dial.







USB 2.0 Interface

It only requires USB 2.0 to power the device so it can be connected or travel with a compatible PC/ MAC for analysis and documentation with its bundled software.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-LB / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

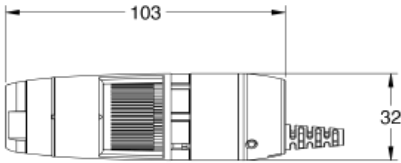
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	1.52
30	33.5	13	10.4	
40	20.9	9.8	7.8	
50	13.9	7.8	6.3	0.3
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	0.04
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115T-CFVW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	Excitation (λ_{peak} : 400 nm), 7 LEDs White Light, 1 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115T-GRFBY

Use 465 nm light to view green fluorescence or switch to 580 nm excitation lights to view red fluorescence signals with AM4115T-GRFBY digital microscope.



Green and Red fluorescence

The switchable 465 and 580 nm excitation lights coupled with a 505 nm ~ 535 nm and 610 nm ~ 650 nm dual-band emission filter make this microscope suitable for viewing targets labeled with fluorescent probes such as GFP and mCherry.



1.3 Megapixels

Thanks to the low loss MJPEG compression, the advanced CMOS image sensor allows to transmit fluid and crisp image with resolution up to 1280x1024.



Scroll Lock

The scroll lock ensures the focus knob staying at the desired focus or magnification position without worry of unintentional movement.







Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-LB / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

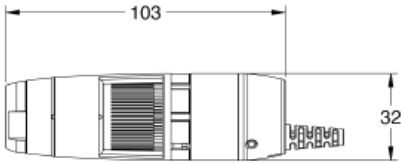
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115T-GRFBY Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	Excitation (λ_{peak} : 465 nm), 4 LEDs Excitation (λ_{peak} : 580 nm), 4 LEDs
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	103 mm (H) x 32 mm (D) 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115T-GFBW

The Dino-Lite EDGE AM4115T-GFBW digital microscope is optimized for research and viewing objects involving fluorescent objects using blue LEDs for excitation and has a 510 nm ~ 620 nm emission filter that is designed to observe green fluorescence including but not limited to GFP (green fluorescent protein). The AM4115T-GFBW has a 1.3 Megapixels sensor that you can capture or record at 1.3 Megapixels resolutions, and can magnify up to 220x magnifications depending of working distance.

Green fluorescent objects pop out under this handheld microscope and you can clearly see its green glow. If you need to observe without this special feature, it also has the capability of switching the light source from the excitation lights to white light which provides the convenience of locating and focusing on the object. Switch back to the main lighting for capturing green fluorescent objects.

The Dino-Lite EDGE AM4115T-GFBW is the perfect tool for looking at green fluorescent objects as it is built to make it stand out. With its ability for high magnification and compact handheld size, it is also a space saver and all in one unit for picture and video of magnified green fluorescent objects. The AM4115T-GFBW is a desirable tool for researchers and users alike who are searching for a valuable tool in examining green fluorescent specimens.



Observe green fluorescence

Beneficial for applications such as research with green fluorescent proteins, the AM4115T-GFBW has built-in filtered blue LEDs with an excitation peak at 465 nm and an emission filter range of 510 nm ~ 620 nm, allowing clear observation of green fluorescence. It also includes a white LED to assist in locating points of interest.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.







USB 2.0 Interface

It only requires USB 2.0 to power the device so it can be connected or travel with a compatible PC/ MAC for analysis and documentation with its bundled software.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-LB / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

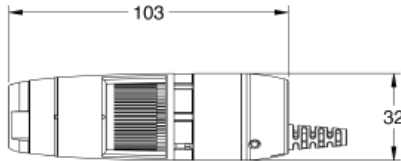
M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM4115T-GFBW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	Excitation (λ_{peak} : 465 nm), 7 LEDs White Light, 1 LED
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115TW-GFBW

The AM4115TW-GFBW Dino-Lite Edge series digital microscope features superior optics, a macro zoom design, and 465 nm (blue) excitation light with a 510 nm ~ 620 nm emission filter for observing green fluorescence in life-size objects, such as biological samples (e.g. mice, leaves, zebra fish).



Designed for green fluorescence

With its innovative excitation and emission filter design, this model detects green fluorescence above 510 nm ~ 620 nm, as excited by its 465 nm (blue) LED lights.



High-resolution imaging

This Dino-Lite Edge series microscope maximizes observed details with state-of-the-art lens design for clearer, sharper images. This model supports high-resolution SXGA (1280x1024) image output for superior image quality.



PC/MAC Compatibility

Digitize the microscopy experience with easy recording and sharing of observations in the office or in the field with a compatible PC or MAC with USB 2.0 port. Conveniently capture and modify photos with the bundled software.

* The measurement and calibration features of this software are not suggested for use with this microscope model.



Macro view applications

With its large field-of-view (FOV) and depth-of-field (DOF), appropriate range of working distances, and 10x to 50x magnification range, this model is ideal for macro-view fluorescence applications.



Zoomable with long working distance

While maintaining the same working distance, further rotation of the magnification dial will focus onto a higher magnification range and thereby effectively zoom into the target.







MicroTouch shutter button

Take picture-perfect photos quickly and conveniently with the MicroTouch shutter button. This small, round, touch-sensitive button responds to the lightest touch to avoid blurry photos caused by excessive movement of the microscope. The MicroTouch shutter button can also be configured to control video recording, trigger barcode scanning, or switch on/off the LED lights.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-LB / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

Note:

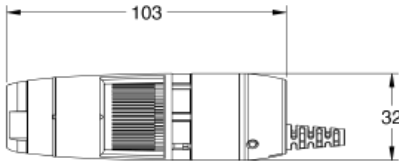
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

T Zone				
M	WD	FOV (x)	FOV (y)	DOF
50	14	9	7	3
40	42	11	9	5
30	64	15	12	9
20	119	23	19	21
15	182	30	24	39

W Zone				
M	WD	FOV (x)	FOV (y)	DOF
30	11	14	11	6
20	25	25	20	13
15	39	31	25	22
10	68	41	33	51
5	156	98	78	250

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF = depth of field
Unit = mm

Model	AM4115TW-GFBW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	10x~50x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive shutter button on microscope for taking pictures
Illumination	Excitation (λ_{peak} : 465 nm), 7 LEDs White Light, 1 LED
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16 cm (L) x 16 cm (W) x 6 cm (H)

AM4115T-YFGW

The Dino-Lite EDGE AM4115T-YFGW digital microscope is a unique handheld portable microscope that is designed for observation of orange fluorescence such as OFP (orange fluorescence protein) and red fluorescence such as RFP (red fluorescence protein). It utilizes high intensity green LEDs for its excitation light source with a 570 nm ~ 650 nm emission filter. This makes it applicable for research such as visualizing small blood or lymphatic vessels of an organ in microangiography analysis.

The image quality obtained with the Dino-Lite is comparable or superior to some traditional fluorescence microscope, but much less to obtain and maintain. It is equipped with a 1.3 Megapixels sensor and utilizes a rotatable magnification dial that allows magnification up to 220X depending of working distance, a scroll lock feature for assuring desired set magnification/ focus distance, and a cable strain relief (SR) that holds the Dino-Lite and its USB Cable together for resistance from pulls and twists. There is also a white light switchable by included software for aid in focus and location. The Dino-Lite EDGE AM4115T-YFGW provides a valuable price per performance tool for researchers or users interested in observing orange to red fluorescent specimens.



Green-Yellow/Red fluorescence

The 520 nm excitation peak and 570 nm ~ 650 nm emission filter is suitable for viewing targets labeled with a fluorescent probe such as YFP or RFP.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.







USB 2.0 Interface

It only requires USB 2.0 to power the device so it can be connected or travel with a compatible PC/ MAC for analysis and documentation with its bundled software.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-LB / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

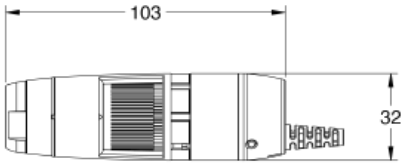
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115T-YFGW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	Excitation (λ_{peak} : 520 nm), 7 LEDs White Light, 1 LED
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115T-RFYW

Discover the Dino-Lite EDGE AM4115T-RFYW offering you one of the world's smallest fluorescence microscopes for observing red fluorescence such as RFP. It makes research no longer being bulky, heavy, expensive or delicate like with a traditional fluorescence microscope. Simply changing the way you use a fluorescence microscope with its small form factor and high sensitivity to low light



Observe red fluorescence

Packed into Dino-Lite form factor, the AM4115T-RFYW utilizes filtered yellow LEDs with an excitation peak at 575 nm and an emission filter range of 615 nm ~ 650 nm for observing red fluorescence. It is beneficial for applications such as protein expression studies with mCherry. It also includes a white LED for non-excitation lighting to assist in locating points of interest.



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20x~220x depending of working distance by simply zooming in or out with just a rotating dial.







USB 2.0 Interface

It only requires USB 2.0 to power the device so it can be connected or travel with a compatible PC/ MAC for analysis and documentation with its bundled software.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-LB / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

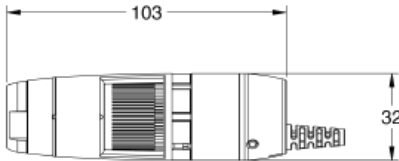
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	1.52
30	33.5	13	10.4	
40	20.9	9.8	7.8	
50	13.9	7.8	6.3	0.3
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	0.04
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115T-RFYW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	Excitation (λ_{peak} : 575 nm), 7 LEDs White Light, 1 LED
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

AM4115T-DFRW

The AM4115T-DFRW Dino-Lite Edge series digital microscope features superior optics, a wide magnification range (20x~220x), and 620 nm (orange) excitation light with a 655nm emission filter for observing deep red fluorescence in subject samples.



Designed for deep red fluorescence

With its innovative excitation and emission filter design, this model detects deep red fluorescence above 655nm, as excited by its 620nm (orange) LED lights.



High-resolution imaging

This Dino-Lite Edge series microscope maximizes observed details with state-of-the-art lens design for clearer, sharper images. This model supports high-resolution SXGA (1280x1024) image output for superior image quality.



Wide range of magnification

The magnification range is adjustable from 20x to 220x, which allows both macro and micro observations of the same specimen in the same session.



PC/MAC Compatibility

Digitize the microscopy experience with easy recording and sharing of observations in the office or in the field with a compatible PC or MAC with USB 2.0 port. Use professional measurement tools with calibration for assured accuracy and conveniently capture and modify photos with the bundled software.







MicroTouch shutter button

Take picture-perfect photos quickly and conveniently with the MicroTouch shutter button. This small, round, touch-sensitive button responds to the lightest touch to avoid blurry photos caused by excessive movement of the microscope. The MicroTouch shutter button can also be configured to control video recording, trigger barcode scanning, or switch on/off the LED lights.

Interchangeable Front Caps

The interchangeable front caps are designed to be used with Dino-Lite Edge and Edge^{PLUS} series models. The caps provide additional versatility to Dino-Lite digital microscope applications.

	N3C-C / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	N3C-E / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	N3C-LB / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	N3C-OB / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

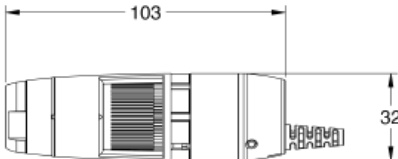
Note:

The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	15.6	1.52
30	33.5	13	10.4	
40	20.9	9.8	7.8	
50	13.9	7.8	6.3	0.3
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	0.04
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4115T-DFRW Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG</p> <p>Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Illumination	Excitation (λ_{peak} : 620 nm), 7 LEDs White Light, 1 LED
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows XP/7/8/10/11 macOS 10.14 or later
Unit Weight	100g
Unit Dimension	<p>103 mm (H) x 32 mm (D)</p> 
Package Dimensions	16 cm (L) x 16 cm (W) x 6 cm (H)

AF4115ZT - WIRED



The Dino-Lite AF4115ZT is part of Universal series and connects to your device via USB. The AF4115ZT is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.



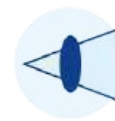
USB 2.0



1,3 Megapixels
1280 x 1024



Adjustable
~20x - 220x



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC



WIRELESS-READY, REQUIRES
THE WF-20 ADAPTER
(OPTIONAL)

The AF4115ZT is equipped with premium features such as Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality.

- The main features of the AF4115ZT are:
- Wireless-ready, requires the WF-20 adapter (optional)
 - 1.3MP EDGE SENSOR
 - 20-220x magnification
 - Integrated Polarizer (anti-reflection)
 - Flexible LED Control (FLC)
 - And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Universal - Wired
------------------	-----------------------------

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Wireless-ready, requires the WF-20 adapter (optional)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX

Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€500 - €600

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	136.0	37.8	28.3	-
20	60.2	19.5	14.6	2.5
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	-
60	9.7	6.5	4.8	-
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
100	4.1	3.9	2.9	-
110	4.0	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5.0	2.8	2.1	-
150	5.6	2.6	1.9	-
160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
180	8.0	2.2	1.6	-
190	8.9	2.1	1.5	-
200	9.9	2.0	1.5	-
210	10.9	1.9	1.4	-
220	11.9	1.8	1.3	0.1
Listed values may differ slightly	* Without front cap			Unit = mm

.....

AF4115ZTL - WIRED



The Dino-Lite AF4115ZTL is part of Long Working Distance (LWD) series and connects to your device via USB. The AF4115ZTL is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.



USB 2.0



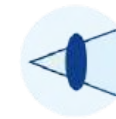
1,3 Megapixels
1280 x 1024



Adjustable
~10x - 140x



Long working
distance



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC



WIRELESS-READY, REQUIRES
THE WF-20 ADAPTER
(OPTIONAL)

The AF4115ZTL is equipped with premium features such as Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality.

- The main features of the AF4115ZTL are:
- Wireless-ready, requires the WF-20 adapter (optional)
 - 1.3MP EDGE SENSOR
 - 10-140x magnification
 - Integrated Polarizer (anti-reflection)
 - Extensive measurement functionality
 - Flexible LED Control (FLC)
 - And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance - Wired
------------------	---

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up

Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Wireless-ready, requires the WF-20 adapter (optional)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€500 - €600

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

.....

AF4515ZT - WIRED



The Dino-Lite AF4515ZT is part of Universal series and connects to your device via USB. The AF4515ZT is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.



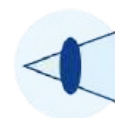
USB 2.0



1,3 Megapixels
1280 x 1024



Adjustable
~20x - 220x



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC



Automatic
Magnification
Reading (AMR)



WIRELESS-READY, REQUIRES
THE WF-20 ADAPTER
(OPTIONAL)

The AF4515ZT is equipped with premium features such as Flexible LED control (FLC), Integrated Polarizer, Extensive

measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

The main features of the AF4515ZT are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 1.3 Megapixel EDGE SENSOR
- 20-220x magnification
- Automatic Magnification Reading (AMR)
- Adjustable Polarizer
- Flexible LED Control (FLC)
- And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite Universal - Wired

LIGHTING

Light/ LED type: White

Number of LEDs: 8

LED on/off switchable: Yes

Infrared filter: IR cut-filter >650 nm

Diffuser available: Yes (N3C-D included)

Emission filter: No

Polarizer: Yes, linear

OPTICS

Magnification: 20-220x

Macro zoom: No

Working distance: Standard

Lens type: Glass with anti-reflection coating

SENSOR

Sensor type: CMOS

Resolution: 1.3 Megapixel (1280x1024)

Maximum frame rate: 30 fps

COMPATIBILITY

Interface: USB 2.0

Operating system: Windows 7, 8 & 10, MacOS 10.12 and up

Included software: DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)

WiFi:	Wireless-ready, requires the WF-20 adapter (optional)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€500 - €600

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	136.0	37.8	28.3	-
20	60.2	19.5	14.6	2.5
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	-
60	9.7	6.5	4.8	-
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4.0	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5.0	2.8	2.1	-
150	5.6	2.6	1.9	-
160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
180	8.0	2.2	1.6	-
190	8.9	2.1	1.5	-
200	9.9	2.0	1.5	-
210	10.9	1.9	1.4	-
220	11.9	1.8	1.3	0.1
Listed values may differ slightly	* Without front cap			Unit = mm

AF4515ZTL - WIRED



The Dino-Lite AF4515ZTL is part of Long Working Distance (LWD) series and connects to your device via USB. The AF4515ZTL is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.

 USB 2.0	 1,3 Megapixels 1280 x 1024	 Adjustable ~10x - 140x
 Long working distance	 Polarizer anti-reflection	 Measurement functionality
 Flexible LED Control FLC	 Automatic Magnification Reading (AMR)	



WIRELESS-READY, REQUIRES
THE WF-20 ADAPTER
(OPTIONAL)

The AF4515ZTL is equipped with premium features such as Flexible LED control (FLC). Integrated Polarizer.

Extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

- The main features of the AF4515ZTL are:
- Wireless-ready, requires the WF-20 adapter (optional)
 - 1.3 Megapixel EDGE SENSOR
 - 10-140x magnification
 - Automatic Magnification Reading (AMR)
 - Adjustable Polarizer
 - Flexible LED Control (FLC)
 - And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite Long Working Distance - Wired

LIGHTING

Light/ LED type: White

Number of LEDs: 8

LED on/off switchable: Yes

Infrared filter: IR cut-filter >650 nm

Diffuser available: Yes (N3C-D included)

Emission filter: No

Polarizer: Yes, linear

OPTICS

Magnification: 10-140x

Macro zoom: No

Working distance: Long

Lens type: Glass with anti-reflection coating

SENSOR

Sensor type: CMOS

Resolution: 1.3 Megapixel (1280x1024)

Maximum frame rate: 30 fps

COMPATIBILITY

Interface: USB 2.0

Operating system: Windows 7, 8 & 10, MacOS 10.12 and up

Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Wireless-ready, requires the WF-20 adapter (optional)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€500 - €600

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
Listed values may differ slightly	* Without front cap			Unit = mm










MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

.....

AF4915ZT - WIRED



The Dino-Lite AF4915ZT is part of Universal series and connects to your device via USB. The AF4915ZT is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.

- | | | |
|---|--|--|
|  USB 2.0 |  1,3 Megapixels
1280 x 1024 |  Adjustable
~20x - 220x |
|  Polarizer
anti-reflection |  Measurement
functionality |  Flexible LED
Control FLC |
|  Automatic
Magnification
Reading (AMR) |  Extended
Depth Of Field
EDOF |  Extended
Dynamic
Range EDR |



WIRELESS-READY, REQUIRES
THE WF-20 ADAPTER
(OPTIONAL)

The AF4915ZT is equipped with premium features such as
Extended Depth of Field (EDOF). Extended Dynamic

Range (EDR), Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

The main features of the AF4915ZT are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 1.3 Megapixel EDGE SENSOR
- 20-220x magnification
- Adjustable Polarizer
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- And more...

(*EDOF only functions under Windows OS)

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite Universal - Wired

LIGHTING

Light/ LED type: White

Number of LEDs: 8

LED on/off switchable: Yes

Infrared filter: IR cut-filter >650 nm

Diffuser available: Yes (N3C-D included)

Emission filter: No

Polarizer: Yes, linear

OPTICS

Magnification: 20-220x

Macro zoom: No

Working distance: Standard

Lens type: Glass with anti-reflection coating

SENSOR

Sensor type: CMOS

Resolution: 1.3 Megapixel (1280x1024)

Maximum frame rate: 30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXscope (Mac OS, no EDOF, EDR)
WiFi:	Wireless-ready, requires the WF-20 adapter (optional)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature: (EDOF), Flexible LED Control (FLC)	Aut. Magn. reading, Ext. Dynamic Range (EDR), Ext. Depth of Field
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€700 - €800

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	136.0	37.8	28.3	-
20	60.2	19.5	14.6	2.5
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	-
60	9.7	6.5	4.8	-
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4.0	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5.0	2.8	2.1	-
150	5.6	2.6	1.9	-
160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
180	8.0	2.2	1.6	-
190	8.9	2.1	1.5	-
200	9.9	2.0	1.5	-
210	10.9	1.9	1.4	-
220	11.9	1.8	1.3	0.1
Listed values may differ slightly	* Without front cap			Unit = mm

.....

AF4915ZTL - WIRED

The Dino-Lite AF4915ZTL is part of the Long Working Distance (LWD) series and connects to your device via USB. The AF4915ZTL is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.



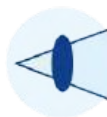
USB 2.0



1,3 Megapixels
1280 x 1024



Adjustable
~10x-140x



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC



Automatic
Magnification
Reading (AMR)



Extended
Depth Of Field
EDOF



Long working
distance



WIRELESS-READY, REQUIRES
THE WF-20 ADAPTER
(OPTIONAL)

The AF4915ZTL is equipped with premium features such as Extended Depth of Field (EDOF), Extended Dynamic Range (EDR), Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

The main features of the AF4915ZTL are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 1.3 Megapixel EDGE SENSOR
- 10-140x magnification
- Adjustable Polarizer
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)

- Flexible LED Control (FLC)
 - And more...
- (*EDOF only functions under Windows OS)

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance - Wired
------------------	---

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Wireless-ready, requires the WF-20 adapter (optional)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Ext. Dynamic Range (EDR), Ext. Depth of Field (EDOF), Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€700 - €800

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

.....

AM3715TB - EDGE



The Dino-Lite AM3715TB with stroboscopic light feature takes perfect pictures by reducing motion blur, even under higher magnification. The strobomicroscope technology enables the user to capture fast moving objects in a very easy and convenient way.



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~20-220x



MAGNIFICATION
LOCK



VGA RESOLUTION
640 x 480



STROBOSCOPIC
LEDs



STANDARD
WORKING
DISTANCE



EXCHANGEABLE
CAP

It can be used for monitoring production lines in a manufacturing environment, observing living creatures in a laboratory environment or any other application with fast-moving objects. The AM3715TB has a refresh rate of 30fps. The stroboscopic light mode can be switched on and off. With external trigger to synchronize picture capturing.

The strobosmicroscope technology is effective between 3cm to 15cm and under low ambient lighting. Works best with lighting less than 20 LUX and non effective over 80 LUX.

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	Stroboscopic

Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	MSAA111A1 (optional accessory)
Emission filter:	No
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	VGA (640x480)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10
Included software:	DinoCapture 2.0 (Windows)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	-
Supported video formats (MacOS):	-
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
------------------	----

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box, USB cable, Connector for external trigger
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00


Working distance/ field of view/ depth of field:


MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)
20	60.2	19.5	15.6
30	33.5	13.0	10.4
40	20.9	9.8	7.8
50	13.9	7.8	6.3
100	4.1	3.9	3.1
150	5.6	2.6	2.1
200	9.9	2.0	1.6
220	11.9	1.8	1.4
Listed values may differ slightly			Unit = mm


AM4115-FIT





The AM4115-FIT has special lighting with LED's emitting IR light around the 850 nm spectrum.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**INFRARED
LEDs ~850nm**

**STANDARD
WORKING
DISTANCE**

The Dino-Lite AM4115-FIT has special lighting with LED's emitting UV light around the 850 nm spectrum. The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

» Also available with ~780nm or 940nm LEDs (model AM4115-FKT/FJT).

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	~850 nm Infrared
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR pass filter

Diffuser available:	No
Emission filter:	No
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes

Microtouch sensor:	Yes
ESD safe:	No

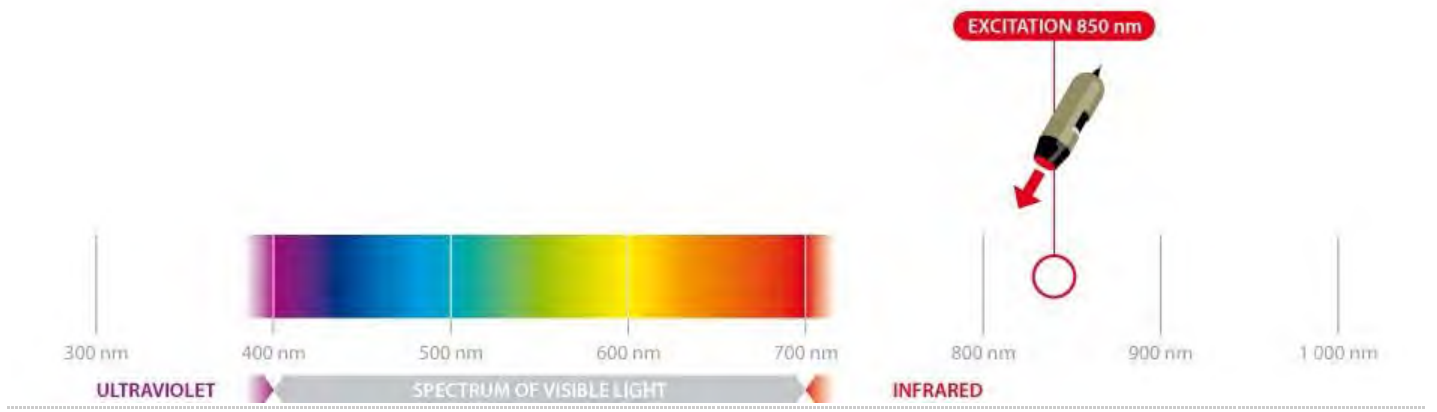
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD	
20	60.2	19.5	15.6	2.5	
30	33.5	13.0	10.4	1.8	
40	20.9	9.8	7.8	1.5	
50	13.9	7.8	6.3	-	
60	9.7	6.5	5.2	-	
70	7.1	5.6	4.5	1.0	
80	5.5	4.9	3.9	-	
90	4.5	4.3	3.5	-	
100	4.1	3.9	3.1	-	
110	4.0	3.6	2.8	-	
120	4.1	3.3	2.6	-	
130	4.5	3.0	2.4	-	
140	5.0	2.8	2.2	-	
150	5.6	2.6	2.1	-	
160	6.3	2.4	2	-	
170	7.1	2.3	1.8	-	
180	8.0	2.2	1.7	-	
190	8.9	2.1	1.6	-	
200	9.9	2.0	1.6	-	
210	10.9	1.9	1.5	-	
220	11.9	1.8	1.4	-	
Listed values may differ slightly					Unit = mm


Special Light:





AM4115-FJT





The AM4115-FJT has special lighting with LED's emitting IR light around the 940 nm spectrum.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**INFRARED
LEDs ~940nm**

**STANDARD
WORKING
DISTANCE**

The Dino-Lite AM4115-FJT has special lighting with LED's emitting UV light around the 940 nm spectrum. The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

» Also available with ~780nm or 850nm LEDs (model AM4115-FKT/FIT).

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	~940 nm Infrared
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR pass filter

Diffuser available:	No
Emission filter:	No
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes

Microtouch sensor:	Yes
ESD safe:	No

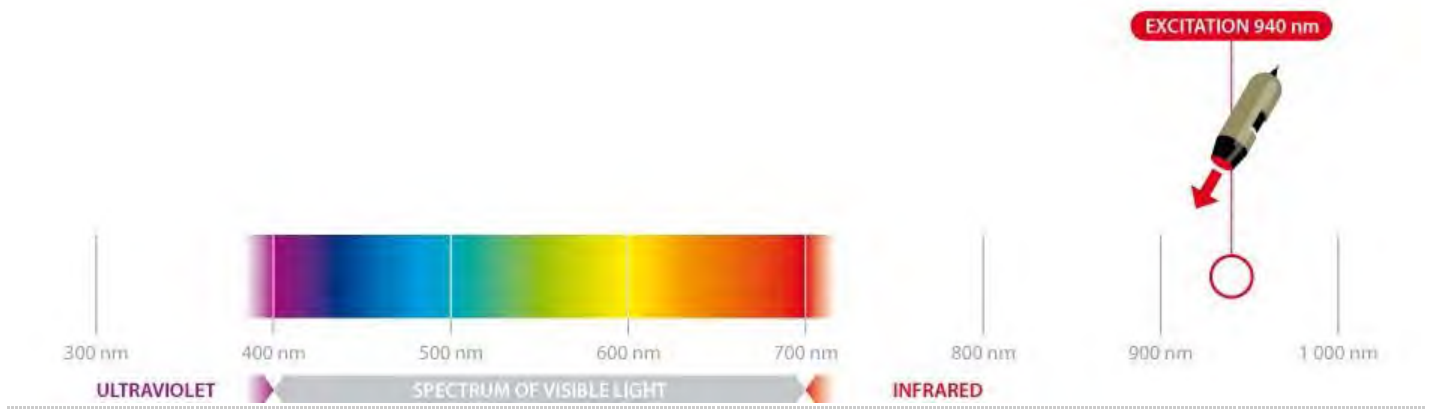
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD	
20	60.2	19.5	15.6	2.5	
30	33.5	13.0	10.4	1.8	
40	20.9	9.8	7.8	1.5	
50	13.9	7.8	6.3	-	
60	9.7	6.5	5.2	-	
70	7.1	5.6	4.5	1.0	
80	5.5	4.9	3.9	-	
90	4.5	4.3	3.5	-	
100	4.1	3.9	3.1	-	
110	4.0	3.6	2.8	-	
120	4.1	3.3	2.6	-	
130	4.5	3.0	2.4	-	
140	5.0	2.8	2.2	-	
150	5.6	2.6	2.1	-	
160	6.3	2.4	2	-	
170	7.1	2.3	1.8	-	
180	8.0	2.2	1.7	-	
190	8.9	2.1	1.6	-	
200	9.9	2.0	1.6	-	
210	10.9	1.9	1.5	-	
220	11.9	1.8	1.4	-	
Listed values may differ slightly					Unit = mm


Special Light:





AM4115-FKT





The AM4115-FKT has special lighting with LED's emitting IR light around the 780 nm spectrum.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**INFRARED
LEDs ~780nm**

**STANDARD
WORKING
DISTANCE**

The Dino-Lite AM4115-FKT has special lighting with LED's emitting UV light around the 780 nm spectrum. The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

» Also available with ~850nm or 940nm LEDs (model AM4115-FJT/FIT).

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	~780 nm Infrared
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR pass filter

Diffuser available:	No
Emission filter:	No
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes

Microtouch sensor:	Yes
ESD safe:	No

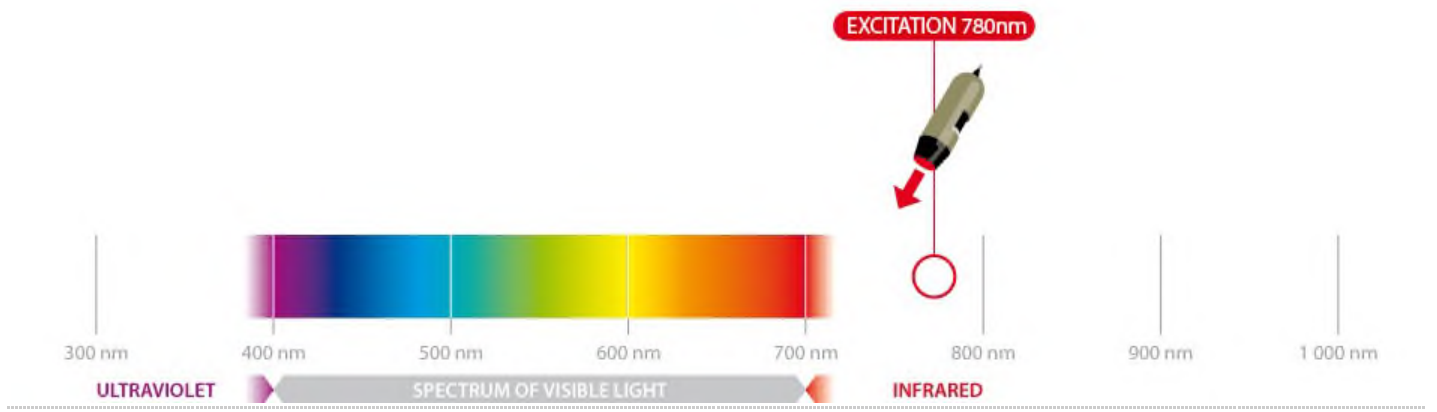
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD	
20	60.2	19.5	15.6	2.5	
30	33.5	13.0	10.4	1.8	
40	20.9	9.8	7.8	1.5	
50	13.9	7.8	6.3	-	
60	9.7	6.5	5.2	-	
70	7.1	5.6	4.5	1.0	
80	5.5	4.9	3.9	-	
90	4.5	4.3	3.5	-	
100	4.1	3.9	3.1	-	
110	4.0	3.6	2.8	-	
120	4.1	3.3	2.6	-	
130	4.5	3.0	2.4	-	
140	5.0	2.8	2.2	-	
150	5.6	2.6	2.1	-	
160	6.3	2.4	2	-	
170	7.1	2.3	1.8	-	
180	8.0	2.2	1.7	-	
190	8.9	2.1	1.6	-	
200	9.9	2.0	1.6	-	
210	10.9	1.9	1.5	-	
220	11.9	1.8	1.4	-	
Listed values may differ slightly					Unit = mm

Special Light:





AM4115-FUT - EDGE





The AM4115-FUT has special lighting with LED's emitting UV light around the 375 nm spectrum.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**


**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**UV-LEDs
375 nm**

**STANDARD
WORKING
DISTANCE**

**EXCHANGEABLE
CAP**

The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

» Also available with 390-400nm LEDs (model AM4115-FVT).

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	UV
Number of LEDs:	4+4
LED on/off switchable:	Yes

Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	Yes, Emission barrier filter 375 nm
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes

Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

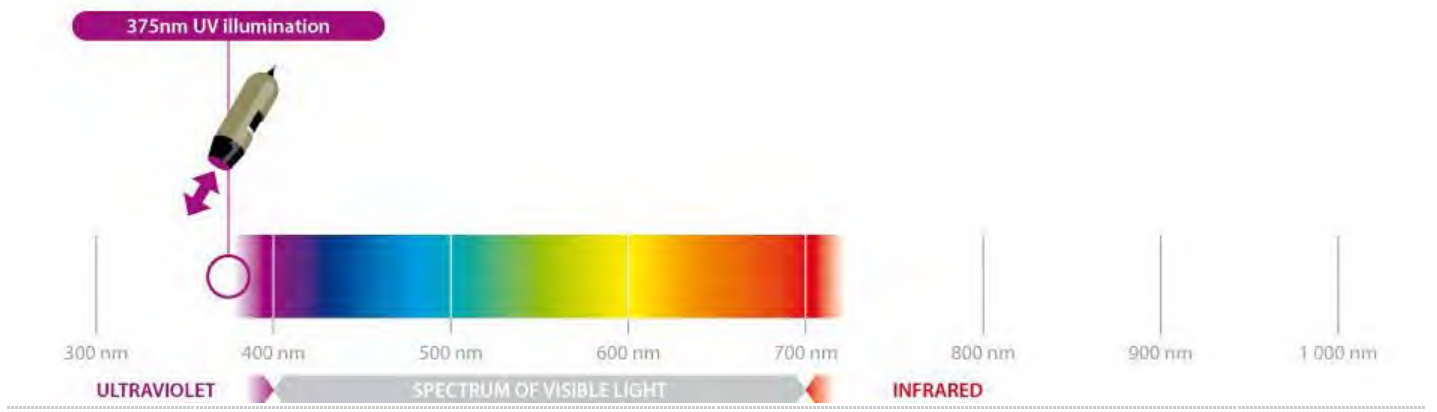
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm

Special Light:



AM4115T - EDGE



The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application.

**USB 2.0**

**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**8 WHITE LEDs
SWITCHABLE**

**STANDARD
WORKING
DISTANCE**

**EXCHANGEABLE
CAP**

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite Universal

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No

Polarizer:	No
------------	----

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap

Warranty information: 2 years European warranty

Regulatory approval: CE, FCC, ROHS

Price range: €350,00 - €550,00


Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


AM4115T-CFVW




The Dino-Lite AM4115T-CFVW digital microscope is optimized for research and viewing fluorescent objects by using 400nm near UV excitation LEDs. It has a long-pass type 430nm emission filter that is designed to observe a wide range of fluorophores with applications in developmental biology, pathology, and anatomy.




USB 2.0




MEASUREMENT
FUNCTIONALITY




ADJUSTABLE
~20-220x




MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



FLUORESCENT
LEDs ~ 400nm



STANDARD
WORKING
DISTANCE

The AM4115T-CFVW has the capability of switching the light source from the 400nm near UV excitation LEDs to the white LED, which is convenient for locating the object and obtaining an easy focus. All of these factors make the AM4115T-CFVW the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» *Special models available on request.*

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	400nm excitation + white
Number of LEDs:	7 FL + 1 White

LED on/off switchable:	Yes
Infrared filter:	No
Diffuser available:	No
Emission filter:	430nm, LP
Fluorophores:	DAPI
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
------------------	----

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

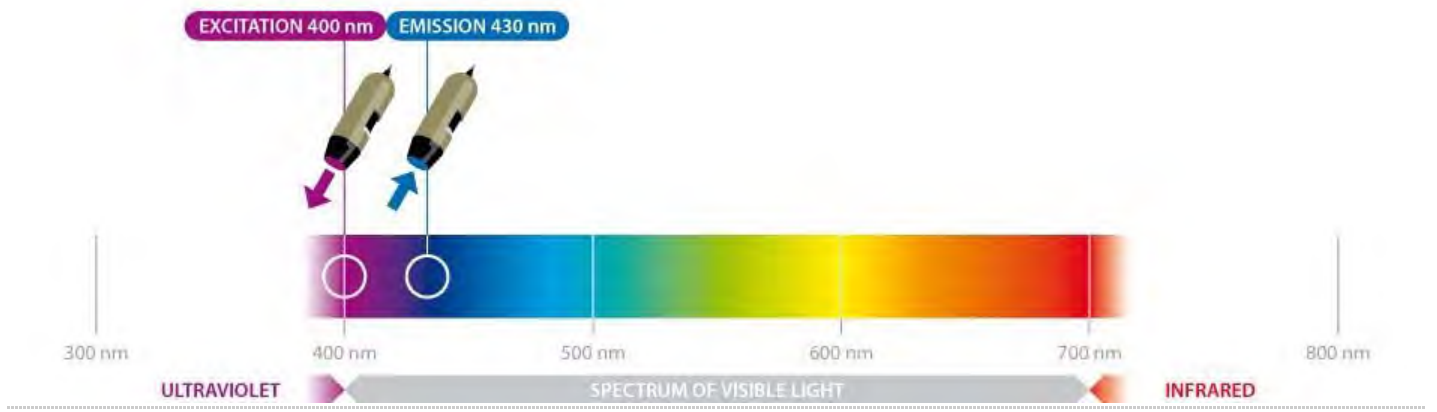
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


Special Light:




AM4115T-DFRW




The Dino-Lite AM4115T-DFRW digital microscope is optimized for research and viewing fluorescent objects by using 620nm excitation LEDs. It has a long-pass type 650nm emission filter that is designed to observe a wide range of fluorophores with applications in developmental biology, pathology, and anatomy.




USB 2.0




MEASUREMENT
FUNCTIONALITY




ADJUSTABLE
~20-220x




MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



FLUORESCENT
LEDs ~ 620nm



STANDARD
WORKING
DISTANCE

The AM4115T-DFRW has the capability of switching the light source from the 620nm excitation LEDs to the white LED, which is convenient for locating the object and obtaining an easy focus. All of these factors make the AM4115T-DFRW the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» *Special models available on request.*

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	620nm excitation + white
Number of LEDs:	7 FL + 1 White

LED on/off switchable:	Yes
Infrared filter:	No
Diffuser available:	No
Emission filter:	650nm, LP
Fluorophores:	Cy5
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
------------------	----

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

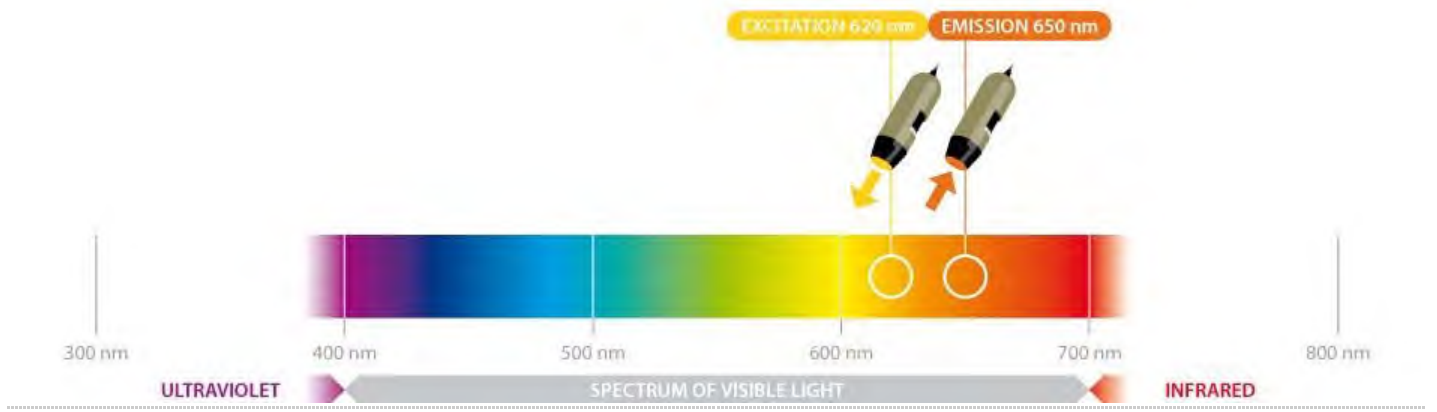
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


Special Light:





AM4115T-FUW - EDGE





The UW series has two types of LED lights that are switchable between white and UV light. This model has a filter to filter out the returning UV light so that an image with natural colors can be obtained.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**


**ADJUSTABLE
~20-220x**


**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**UV-LEDs
375 nm**

**SWITCHABLE
UV/WHITE LEDs**

**STANDARD
WORKING
DISTANCE**

**EXCHANGEABLE
CAP**

The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

» Also available with 390-400nm LEDs (model AM4115T-FVW).

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	~375 nm UV + white
Number of LEDs:	4+4

LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	MSAA111A1 (optional accessory)
Emission filter:	Yes, Emission barrier filter 375 nm
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes

Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

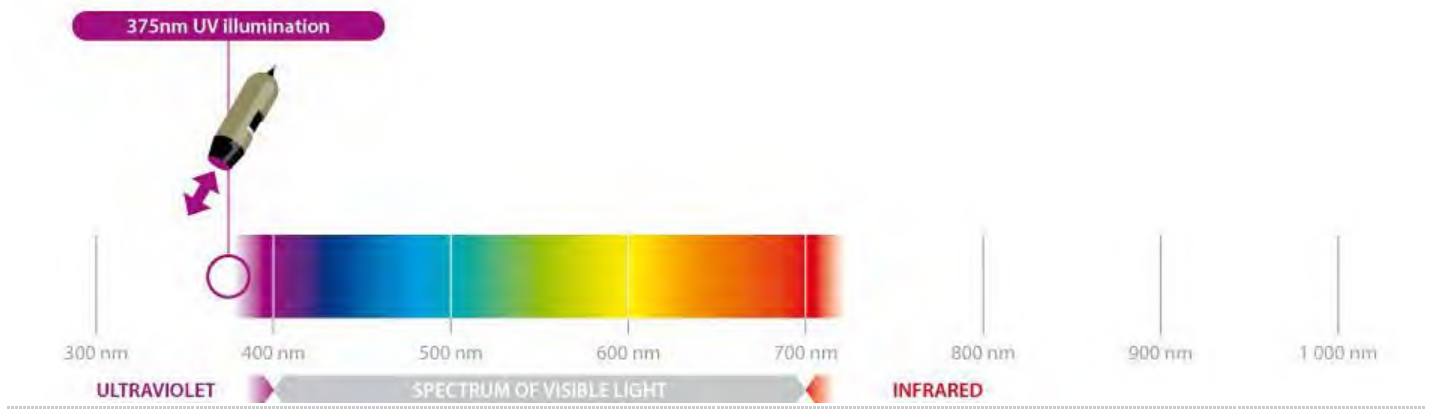
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


Special Light:





AM4115T-FVW - EDGE





The VW series has two types of LED lights that are switchable between white and UV light. This model has a filter to filter out the returning UV light so that an image with natural colors can be obtained.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**


**ADJUSTABLE
~20 - 220x**


**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**UV-LEDs
390~400 nm**

**SWITCHABLE
UV/WHITE LEDs**

**STANDARD
WORKING
DISTANCE**

**EXCHANGEABLE
CAP**

The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

» Also available as LWD (model AM4115TL-FVW)

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	390-400 nm UV + white
Number of LEDs:	4+4

LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	MSAA111A1 (optional accessory)
Emission filter:	Yes, Emission barrier filter 375 nm
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes

Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

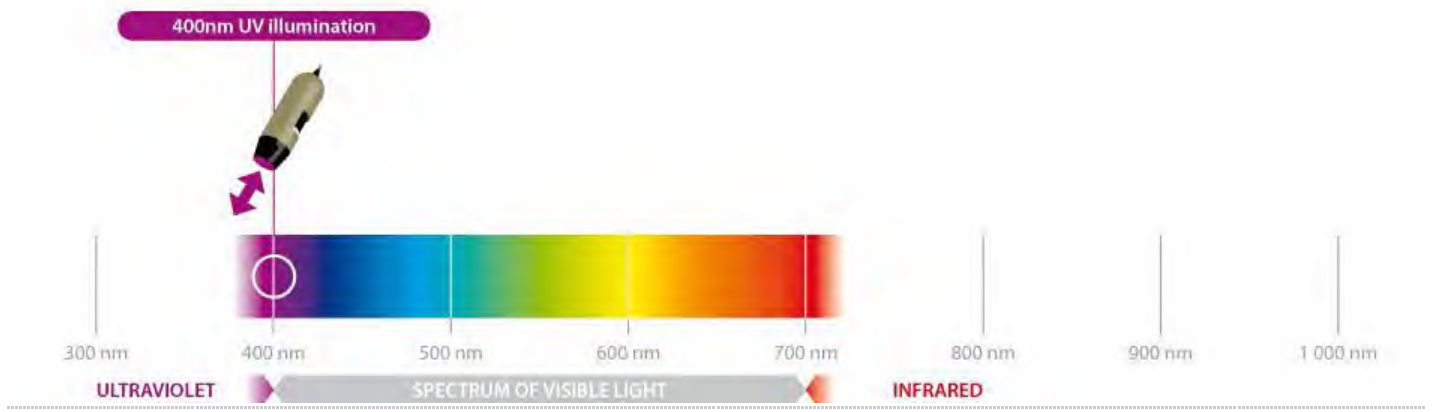
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


Special Light:





AM4115T-GFBW





The Dino-Lite AM4115T-GFBW digital microscope is optimized for research and viewing fluorescent objects by using 480nm LEDs. It has a 510nm emission filter that is designed to observe including but not limited to GFP (green fluorescent protein).


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**FLUORESCENT
LEDs ~ 480nm**

**STANDARD
WORKING
DISTANCE**

Compared to the traditional fluorescence microscope's band-pass type of emission filters, the Dino-Lite's long-pass type emission filter provides visibility and sensitivity over a larger range of the fluorescence wavelength. Green fluorescent objects pop out under the microscope and you can clearly see its green glow. The AM4115T-GFBW has the capability of switching the light source from the 480nm excitation LED's to the white LED which is convenient for locating the object and obtaining an easy focus.

» *Special models available on request.*

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	480nm excitation + white

Number of LEDs:	7 FL + 1 White
LED on/off switchable:	Yes
Infrared filter:	No
Diffuser available:	No
Emission filter:	510nm, LP
Fluorophores:	GFP, FITC
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

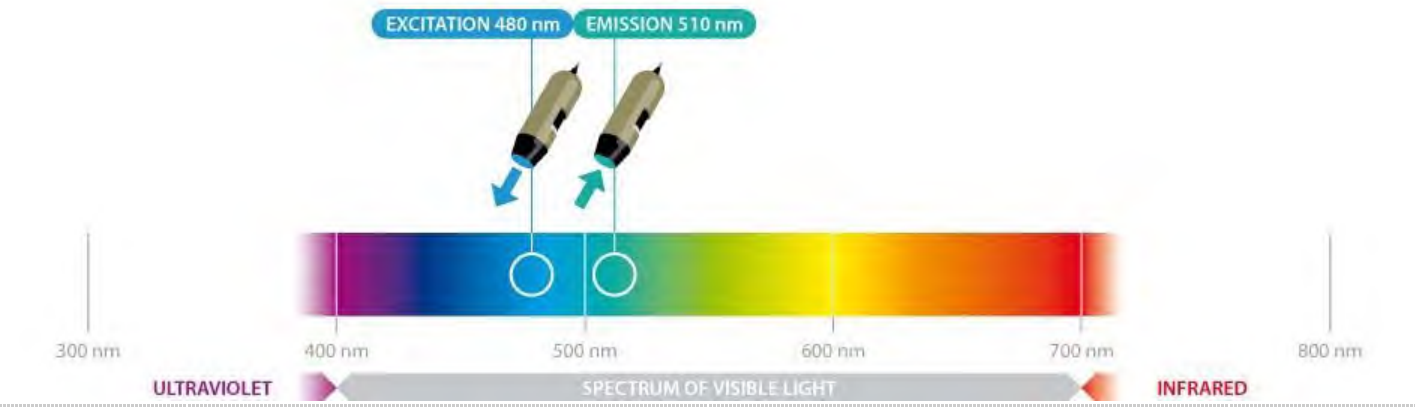
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


Special Light:





AM4115T-GRFBY





The Dino-Lite AM4115T-GRFBY digital microscope is optimized for research and viewing fluorescent objects by using 480nm and 575nm excitation LEDs. It has a 510nm and 610nm emission filter that is designed to observe a wide range fluorophores with applications in developmental biology, pathology, and anatomy.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**FLUORESCENT LEDs
~ 480 & 575nm**

**STANDARD
WORKING
DISTANCE**

The AM4115T-GRFBY has the capability of switching the light source from the 480nm excitation LEDs to the 575nm LED, which is convenient for dual color stained fluorescence. All of these factors make the AM4115T-GRFBY the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» *Special models available on request.*

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	480nm excitation + 575nm excitation
Number of LEDs:	4 FL + 4 FL

LED on/off switchable:	Yes
Infrared filter:	No
Diffuser available:	No
Emission filter:	510nm & 610nm
Fluorophores:	GFP/FITC & TxRed/mCherry
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
-------------------------	----

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

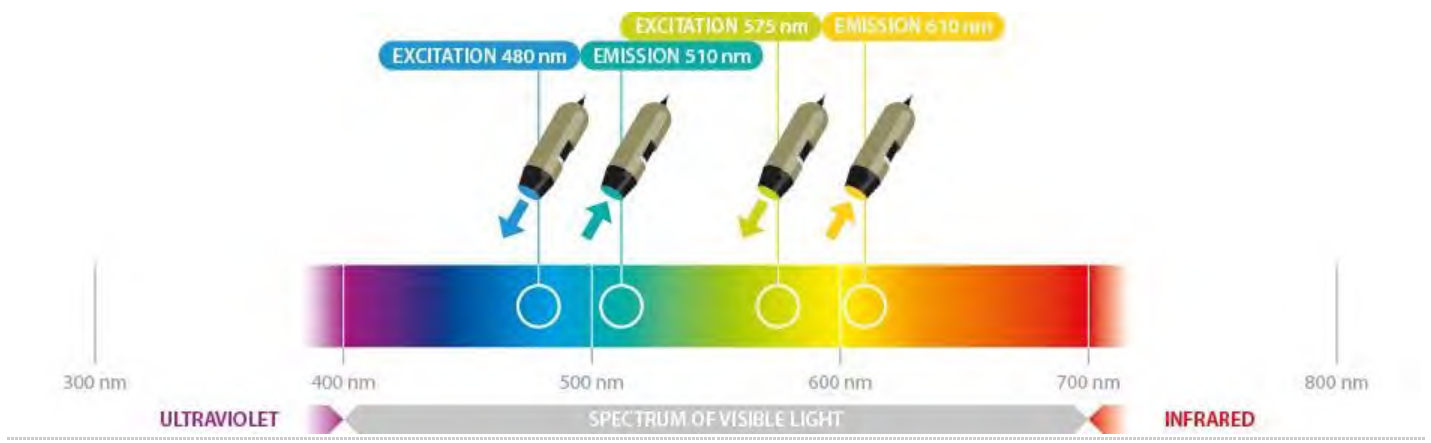
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


Special Light:




AM4115T-RFYW




The Dino-Lite AM4115T-RFYW digital microscope is optimized for research and viewing fluorescent objects by using 575nm excitation LEDs. It has a long-pass type 610nm emission filter that is designed to observe a wide range of fluorophores with applications in developmental biology, pathology, and anatomy.




USB 2.0




MEASUREMENT
FUNCTIONALITY




ADJUSTABLE
~20-220x




MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



FLUORESCENT
LEDs ~ 575nm



STANDARD
WORKING
DISTANCE

The AM4115T-RFYW has the capability of switching the light source from the 575nm LEDs for excitation lighting to the white LED, which is convenient for locating the object and obtaining an easy focus. All of these factors make the AM4115T-RFYW the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» *Special models available on request.*

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	575nm excitation + white
Number of LEDs:	7 FL + 1 White

LED on/off switchable:	Yes
Infrared filter:	No
Diffuser available:	No
Emission filter:	610nm, LP
Fluorophores:	TxRed, mCherry
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
------------------	----

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


Special Light:





AM4115T-YFGW





The Dino-Lite AM4115T-YFGW digital microscope is optimized for research and viewing fluorescent objects by using 525nm LEDs. It has a 570nm emission filter that is designed to observe but not limited to Cy3 and TRITC.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**FLUORESCENT
LEDs ~ 525nm**

**STANDARD
WORKING
DISTANCE**

Compared to the traditional fluorescence microscope's band-pass type of emission filters, the Dino-Lite's long-pass type emission filter provides visibility and sensitivity over a larger range of the fluorescence wavelength. The AM4115T-YFGW has the capability of switching the light source from the 525nm green excitation LED's to the white LED, which is convenient for locating the object and obtaining an easy focus.

» *Special models available on request.*

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	525nm excitation + white
Number of LEDs:	7 FL + 1 White

LED on/off switchable:	Yes
Infrared filter:	No
Diffuser available:	No
Emission filter:	570nm, LP
Fluorophores:	Cy3, TRITC
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
------------------	----

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

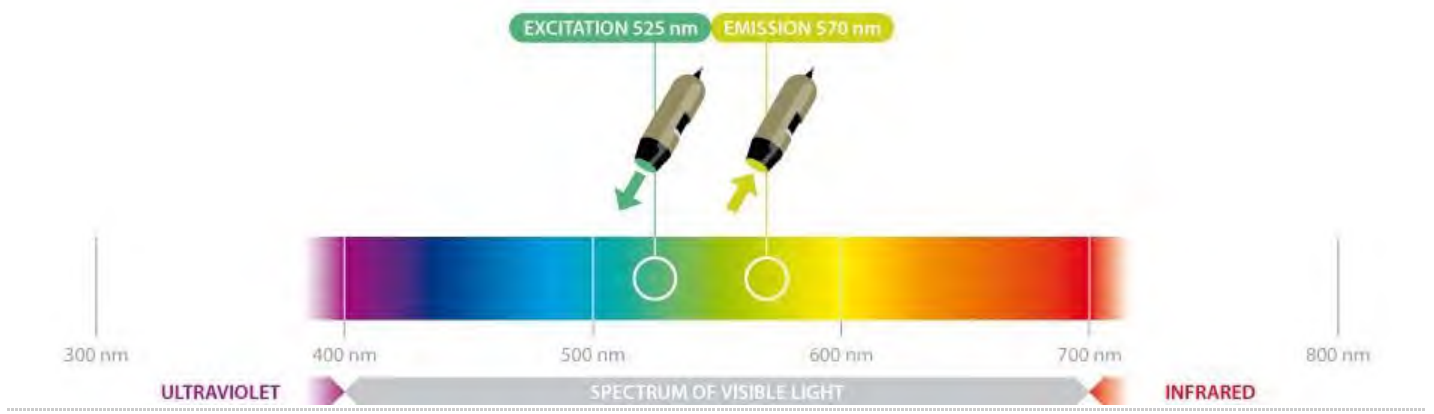
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm

Special Light:



AM4115TL - EDGE



The wide range of magnification (10-140x), the large field of view and working distance of up to 23 cm makes the AM4115TL the ideal solution for all situations where a longer distance between the microscope and the object is required or when it is needed to work under the microscope (repair, rework and assembly tasks etc.)

**USB 2.0**

**MEASUREMENT
FUNCTIONALITY**

**CONTINUOUS
~10x - 140x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**8 WHITE LEDs
SWITCHABLE**

**LONG WORKING
DISTANCE
4-15 cm**

**EXCHANGEABLE
CAP**

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite Long Working Distance

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No

Polarizer:	No
------------	----

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap

Warranty information: 2 years European warranty

Regulatory approval: CE, FCC, ROHS

Price range: €350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	227	39.0	31.2	12
20	105	19.5	15.6	4.5
30	65	13.0	10.4	3.1
40	47	9.8	7.8	1.8
50	36	7.8	6.2	1.2
60	30	6.5	5.2	0.9
70	26.2	5.6	4.5	0.6
80	23.8	4.9	3.9	0.5
90	22.4	4.3	3.5	0.37
100	21.7	3.9	3.1	0.28
110	21.6	3.5	2.8	0.22
120	21.8	3.3	2.6	0.17
130	22.3	3.0	2.4	0.12
140	23	2.8	2.2	0.09
Listed values may differ slightly	* With front cap			Unit = mm


AM4115ZT - EDGE





The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application. The built-in adjustable polarizer reduces glare and reflection on shiny objects.


**USB 2.0**

**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~20-220x**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**8 WHITE LEDs
SWITCHABLE**

**POLARIZER
ANTI-REFLECTION**

**STANDARD
WORKING
DISTANCE**

**EXCHANGEABLE
CAP**

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite Universal

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No

Polarizer:	Yes, linear
------------	-------------

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap

Warranty information: 2 years European warranty

Regulatory approval: CE, FCC, ROHS

Price range: €350,00 - €550,00


Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


AM4115ZTL - EDGE




The wide range of magnification (10-140x), the large field of view and working distance of up to 23 cm makes the AM4115ZTL the ideal solution for all situations where a longer distance between the microscope and the object is required or when it is needed to work under the microscope (repair, rework and assembly tasks etc.)




USB 2.0




MEASUREMENT
FUNCTIONALITY




CONTINUOUS
~10x - 140x




MAGNIFICATION
LOCK




1.3 MEGAPIXEL
1280 x 1024




8 WHITE LEDs
SWITCHABLE



POLARIZER
ANTI-REFLECTION



LONG WORKING
DISTANCE
4-15 cm



EXCHANGEABLE
CAP

The built-in adjustable polarizer reduces glare and reflection on shiny objects.

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Long Working Distance
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)

Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	No
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes

ESD safe:

No

INFORMATION

Package contents:

Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap

Warranty information:

2 years European warranty

Regulatory approval:

CE, FCC, ROHS

Price range:

€350,00 - €550,00


Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	227	39.0	31.2	12
20	105	19.5	15.6	4.5
30	65	13.0	10.4	3.1
40	47	9.8	7.8	1.8
50	36	7.8	6.2	1.2
60	30	6.5	5.2	0.9
70	26.2	5.6	4.5	0.6
80	23.8	4.9	3.9	0.5
90	22.4	4.3	3.5	0.37
100	21.7	3.9	3.1	0.28
110	21.6	3.5	2.8	0.22
120	21.8	3.3	2.6	0.17
130	22.3	3.0	2.4	0.12
140	23	2.8	2.2	0.09
Listed values may differ slightly	* With front cap			Unit = mm


AM4115ZTW - EDGE





The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**


**ADJUSTABLE
~10-50x**


**MACROZOOM
FOV & DOF**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**8 WHITE LEDs
SWITCHABLE**

**POLARIZER
ANTI-REFLECTION**

**EXCHANGEABLE
CAP**

This model can work with 2 magnification rates while maintaining the same working distance, making this the ideal model for macro view applications with a larger field of view and a zoom function to reveal smaller details. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application.

» Also available: AM4115TW - Edge without Polarizer

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Universal
LIGHTING	
Light/ LED type:	White

Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-50x
Macro zoom:	Yes
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	Macro zoom
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

T-Zone (Macro zoom/ Larger magnification)

MAGNIFICATION	WORKING DISTANCE	FOV(X)	FOV(Y)	DOF
15	170	30	24	-
20	120	23	19	-
30	60	15	12	6
40	30	11	9	4
50	10	9	7	3
Listed values may differ slightly				Unit = mm


W-Zone (Standard zoom/ Larger FOV)

MAGNIFICATION	WORKING DISTANCE	FOV(X)	FOV(Y)	DOF
5	170	98	78	-
10	60	41	33	-
15	40	31	25	-
20	30	25	20	-
30	10	14	11	6
Listed values may differ slightly				Unit = mm


AM4515T4-GFBW




The Dino-Lite AM4515T4-GFBW digital microscope is optimized for research and viewing fluorescent objects by using 480nm excitation LEDs. It has a long-pass type 510nm emission filter that is designed to observe a wide range fluorophores with applications in developmental biology, pathology, and anatomy. With its high magnification of 400~470x, it reveals even the smallest details on all kinds of objects.




USB 2.0




MEASUREMENT
FUNCTIONALITY




ADJUSTABLE
~400x - 470x




MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



FLUORESCENT
LEDs ~ 480nm



STANDARD
WORKING
DISTANCE

The AM4515T4-GFBW has the capability of switching the light source from the 480nm excitation LEDs to the white LED, which is convenient for locating the object and obtaining an easy focus. All of these factors make the AM4515T4-GFBW the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» *Special models available on request.*

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	480nm excitation + white

Number of LEDs:	7 FL + 1 White
LED on/off switchable:	Yes
Infrared filter:	No
Diffuser available:	No
Emission filter:	510nm, LP
Fluorophores:	GFP, FITC
Polarizer:	No

OPTICS

Magnification:	400-470x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

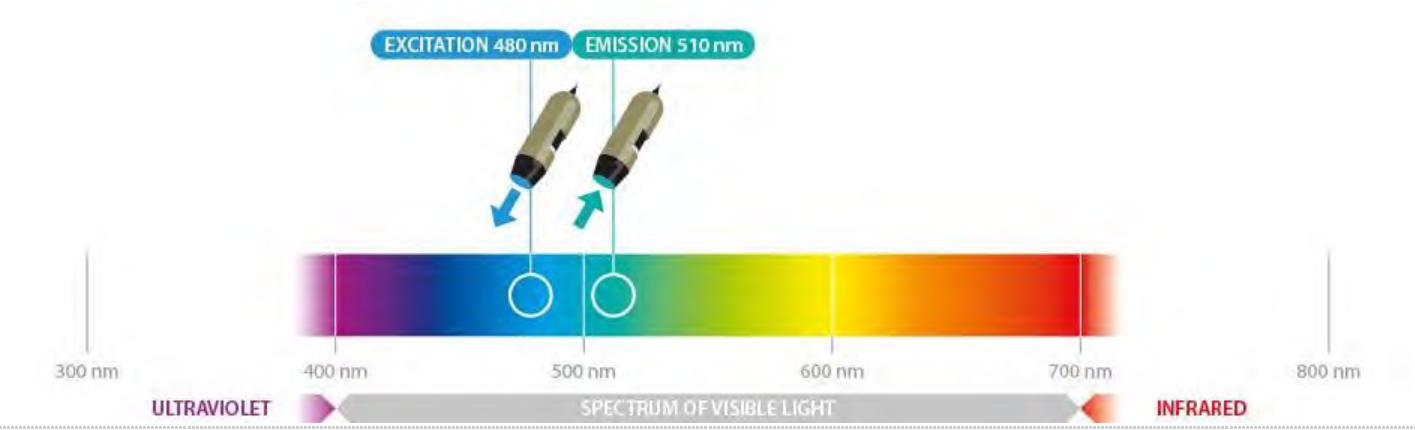
INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
400	5.1	0.971	0.713	0.0261
410	6.0	0.951	0.697	-
420	7.3	0.926	0.680	-
430	8.0	0.905	0.664	-
440	8.8	0.884	0.648	-
450	10.0	0.867	0.636	-
460	11.3	0.847	0.621	-
470	11.8	0.828	0.608	0.0289
Listed values may differ slightly	* Without front cap			Unit = mm

Special Light:



AM4515T5 - EDGE



With up to 550x magnification and high-resolution optics, this high magnification Dino-Lite model reveals details as small as 2.5 micrometer (μm). It also features a greater working distance at high magnification making it easier to watch and move very small objects under the microscope.

**USB 2.0**

**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~500x-550x**

**AUTOMATIC
MAGNIFICATION
READING
AMR**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**8 WHITE LEDs
SWITCHABLE**

**EXCHANGEABLE
CAP**

These unique features make the Dino-Lite AM4515T5 a great inspection tool for biomedical and scientific research, material analysis, electronics inspection, or any similar application that require high magnification, versatility and mobility. The Dino-Lite AM4515T5 is bundled with the user-friendly DinoCapture 2.0 software. For this model it includes functions such as automatic magnification reading (AMR), calibration, measurement, capturing & annotating images, and record video. Although the AM4515T5 model can be operated handheld, a high-precision stand is recommendable. The Dino-Lite RK-10A for example is a great add-on, it is a sturdy and stable high-end stand solution constructed of resilient stainless steel and lightweight aluminum and offers a very precise fine-focus adjustment.

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite High Magnification
LIGHTING	

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No

OPTICS

Magnification:	500-550x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10
Included software:	DinoCapture 2.0 (Windows)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-E- Extension cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
500	9.5	0.8	0.6	0.15
550	9.2	0.7	0.6	0.12
Listed values may differ slightly	* Without front cap			Unit = mm

AM4515T8 - EDGE



With up to 900x magnification and high-resolution optics, this high magnification Dino-Lite model reveals details as small as 1.5 micrometer (μm). It also features a greater working distance at high magnification making it easier to watch and move very small objects under the microscope.

**USB 2.0**

**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~700x-900x**

**AUTOMATIC
MAGNIFICATION
READING
AMR**

**MAGNIFICATION
LOCK**

**1.3 MEGAPIXEL
1280 x 1024**

**8 WHITE LED's
SWITCHABLE**

**EXCHANGEABLE
CAP**

These unique features make the Dino-Lite AM4515T8 a great inspection tool for biomedical and scientific research, material analysis, electronics inspection, or any similar application that require high magnification, versatility and mobility. The Dino-Lite AM4515T8 is bundled with the user-friendly DinoCapture 2.0 software. For this model it includes functions such as automatic magnification reading (AMR), calibration, measurement, capturing & annotating images, and recording video. Although the AM4515T8 model can be operated handheld, a high-precision stand is recommended. The Dino-Lite RK-10A for example is a great add-on, it is a sturdy and stable high-end stand solution constructed of resilient stainless steel and lightweight aluminum and offers a very precise fine-focus adjustment.

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite High Magnification
LIGHTING	

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No

OPTICS

Magnification:	700-900x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10
Included software:	DinoCapture 2.0 (Windows)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-E- Extension cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00


Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
700	6.6	0.6	0.4	0.09
800	6.4	0.5	0.4	0.08
900	6.3	0.4	0.3	0.07
Listed values may differ slightly	* Without front cap			Unit = mm


AM4515ZT - EDGE




The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.




USB 2.0




MEASUREMENT
FUNCTIONALITY




ADJUSTABLE
~20 - 220x




AUTOMATIC
MAGNIFICATION
READING
AMR




MAGNIFICATION
LOCK




1.3 MEGAPIXEL
1280 x 1024



8 WHITE LEDs
SWITCHABLE



POLARIZER
ANTI-REFLECTION



EXCHANGEABLE
CAP

With the built-in automatic magnification reading, measurements can be performed easily and quickly. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application.

» Also available: AM4515T - Edge without Polarizer

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Universal
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8

LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	-
Supported video formats (MacOS):	-
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading
-------------------------	--------------------

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€350,00 - €550,00


Working distance/ field of view/ depth of field:


MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	0.5	8.0	2.2	1.7	-
190	1.4	8.9	2.1	1.6	-
200	2.4	9.9	2.0	1.6	-
210	3.4	10.9	1.9	1.5	-
220	4.4	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


AM4515ZTL - EDGE





The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.


**USB 2.0**


**MEASUREMENT
FUNCTIONALITY**


**CONTINUOUS
~10x-140x**


**AUTOMATIC
MAGNIFICATION
READING
AMR**

**1.3 MEGAPIXEL
1280 x 1024**

**8 WHITE LEDs
SWITCHABLE**

**POLARIZER
ANTI-REFLECTION**

**LONG WORKING
DISTANCE
4-15 cm**

**EXCHANGEABLE
CAP**

With the built-in automatic magnification reading (AMR), measurements can be performed easily and quickly. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application. Together with the long working distance of up to 23 centimetres the AM4515ZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects.

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance
------------------	---------------------------------

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes

Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading
Measurement:	Yes

Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

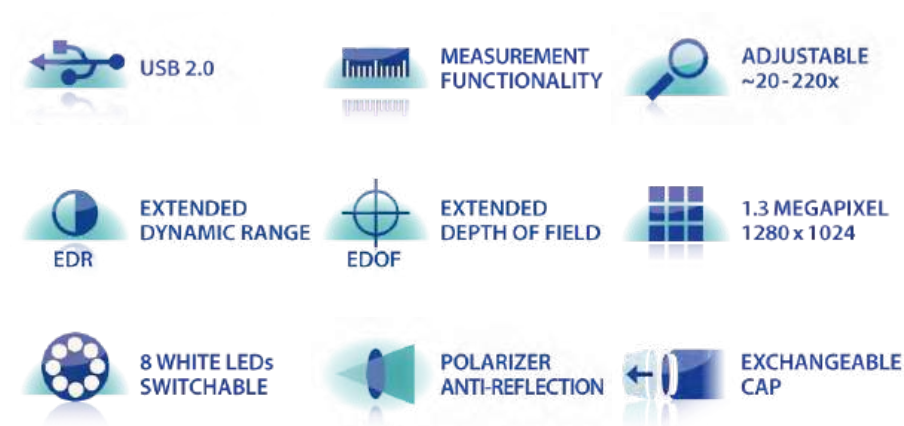
Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

AM4815ZT - EDGE



The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.



With the Extended Dynamic Range (EDR) feature, the details of darker or brighter areas within the object can be revealed by stacking images at different exposure levels. The Extended Depth of Field (EDOF) feature automatically stacks images at different focus level to improve the depth of field on rough or uneven surfaces. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application.

*(*At the moment EDR/EDOF only functions under Windows OS)*

» Also available: AM4815T - Edge without Polarizer

ADDITIONAL INFO

DETAILS

Dino-Lite range:

Dino-Lite Universal

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	-
Supported video formats (MacOS):	-
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g

Cable length:1.8m

FEATURES

Special feature:	Ext. Dynamic Range (EDR), Ext. Depth of Field (EDOF)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:


MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	0.5	8.0	2.2	1.7	-
Listed values may differ slightly		* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
190	1.4	8.9	2.1	1.6	-
200	2.4	9.9	2.0	1.6	-
210	3.4	10.9	1.9	1.5	-
220	4.4	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm


AM4815ZTL - EDGE




The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.




USB 2.0




LONG WORKING DISTANCE
4-15 cm




CONTINUOUS
~10x-140x




EXTENDED DYNAMIC RANGE
EDR




EXTENDED DEPTH OF FIELD
EDOF




1.3 MEGAPIXEL
1280 x 1024



8 WHITE LEDs SWITCHABLE



POLARIZER ANTI-REFLECTION



EXCHANGEABLE CAP

With the Extended Dynamic Range (EDR) feature, the details of darker or brighter areas within the object can be revealed by stacking images at different exposure levels. The Extended Depth of Field (EDOF) feature automatically stacks images at different focus level to improve the depth of field on rough or uneven surfaces. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application. Together with the long working distance of up to 23 centimetres the AM4815ZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects.

*(*At the moment EDR/EDOF only functions under Windows OS)*

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite Long Working Distance

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	-
Supported video formats (MacOS):	-
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g

Cable length:

1.8m

FEATURES

Special feature:	Ext. Dynamic Range (EDR), Ext. Depth of Field (EDOF)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€550,00 - €750,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

AM7115MT-FUW



The Dino-Lite AM7115MT-FUW is part of the Dino-Lite special light range. This model has two types of LED lights that are switchable between white and UV light. The UV LEDs are near UV-fluorescent LEDs with a spectrum of 375nm. This model offers a standard working distance, a wide magnification range from 20 – 220x and comes with a high quality 5 megapixel Edge sensor.



5 MEGAPIXEL
2592 x 1944



USB 2.0



ADJUSTABLE
~20-220x



METAL
HOUSING



FLEXIBLE
LED CONTROL
FLC



UV-LEDs
375 nm



MEASUREMENT
FUNCTIONALITY



EXCHANGEABLE
CAP

The main features of the AM7115MT-FUW are: 5 Megapixel Edge sensor, USB 2.0, 20-220x magnification, metal housing, Flexible LED Control (FLC), near UV-fluorescent LEDs with a spectrum of 375nm, extensive measurement functions, Calibration, exchangeable front caps and more.

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Special light
LIGHTING	
Light/ LED type:	~375 nm UV + white
Number of LEDs:	4+4

LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	Yes, Emission barrier filter 375 nm
Polarizer:	No

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	-

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g
Cable length:	1.8m

FEATURES

Special feature:	No
------------------	----

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

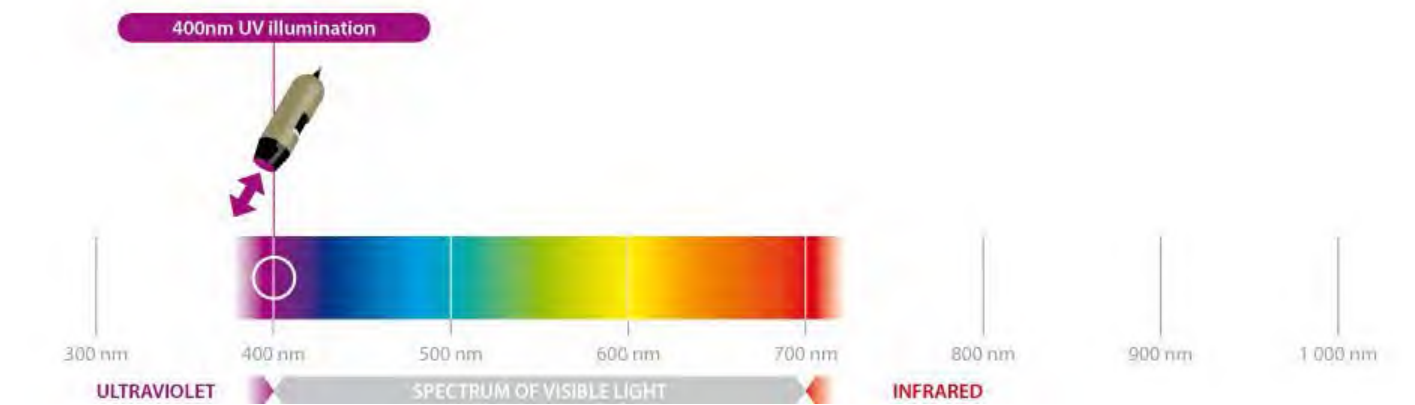
Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD	
20	60.2	19.5	14.6	2.5	
30	33.5	13.0	9.7	1.8	
40	20.9	9.8	7.3	1.5	
50	13.9	7.8	7.8	-	
60	9.7	6.5	5.8	-	
70	7.1	5.6	4.2	1.0	
80	5.5	4.9	3.6	-	
90	4.5	4.3	3.2	-	
100	4.1	3.9	2.9	-	
110	4.0	3.6	2.7	-	
120	4.1	3.3	2.4	-	
130	4.5	3.0	2.2	-	
140	5.0	2.8	2.1	-	
150	5.6	2.6	1.9	-	
160	6.3	2.4	1.8	-	
170	7.1	2.3	1.7	-	
180	8.0	2.2	1.6	-	
190	8.9	2.1	1.5	-	
200	9.9	2.0	1.5	-	
210	10.9	1.9	1.4	-	
220	11.9	1.8	1.3	-	
Listed values may differ slightly		* Without front cap			Unit = mm

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field Unit = mm










Special Light:



AM7115MZT - EDGE



With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features such as Flexible LED Control (FLC) and full aluminum body, the Dino-Lite AM7115MZT is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7115MZT offers superb image quality and color reproduction in a robust, compact and appealing housing.

 USB 2.0	 MEASUREMENT FUNCTIONALITY	 ADJUSTABLE ~20-220x
 METAL HOUSING	 5 MEGAPIXEL 2592 x 1944	 8 WHITE LED's SWITCHABLE
 POLARIZER ANTI-REFLECTION	 FLEXIBLE LED CONTROL FLC	 EXCHANGEABLE CAP

The AM7115MZT is part of the universal range and with its standard working distance and wide magnification range from 20 – 220x, it is suitable for a wide range of applications. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc.

The main features of the AM7115MZT are:
5 Megapixel Edge sensor, 20-220x magnification, integrated polarizer, aluminum housing, Flexible LED Control (FLC), extensive measurement functions, Calibration, exchangeable front caps and more.

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Universal
LIGHTING	

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	125g
Cable length:	1.8m

FEATURES

Special feature:	Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
Listed values may differ slightly		* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm

AM7115MZTL - EDGE



With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features such as Flexible LED Control (FLC) and full aluminum body, the Dino-Lite AM7115MZTL is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7115MZTL offers superb image quality and color reproduction in a robust, compact and appealing housing.



USB 2.0



FLEXIBLE
LED CONTROL

FLC



CONTINUOUS
~10x-140x



METAL
HOUSING



5 MEGAPIXEL
2592 x 1944



8 WHITE LED^s
SWITCHABLE



POLARIZER
ANTI-REFLECTION



4-15 cm

LONG WORKING
DISTANCE



EXCHANGEABLE
CAP

The AM7115MZTL is part of the Long Working Distance (LWD) range and with its Long Working Distance and magnification range from 10 – 140x, it is suitable for a wide range of applications where extra distance to the object or a larger field of view is required.

The extra working distance and larger field of view make this model an ideal solution for tasks such as repair, rework or assembly or for working with bulky or fragile objects that cannot be touched. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc.

The main features of the AM7115MZTL are:

5 Megapixel Edge sensor, Long Working Distance (LWD) 10-140x magnification, larger Field Of View (FOV) integrated polarizer, aluminum housing, Flexible LED Control (FLC), extensive measurement functions, Calibration, exchangeable front caps and more.

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance
------------------	---------------------------------

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	125g
Cable length:	1.8m

FEATURES

Special feature:	Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

AM7515MT4A



The AM7515MT4A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of 415x - 470x with built-in coaxial illumination. By using the Flexible LED Control (FLC), this model is capable of switching between or mixing, brightfield and coaxial illumination.



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~400x - 470x



AUTOMATIC
MAGNIFICATION
READING



MAGNIFICATION
LOCK



5 MEGAPIXEL
2592 x 1944



8 WHITE LEDs
SWITCHABLE



EXCHANGEABLE
CAP

The coaxial illumination technique reveals details that are very difficult to see under normal light, for example when inspecting wafer plates, microchips or other microelectronics. The AM7515MT4A includes the Automatic Magnification Reading (AMR) feature which automatically detects and displays the magnification in the included Dino-Lite software. These unique features make the Dino-Lite AM7515MT4A a great inspection tool for material analysis, electronics inspection, or any similar application that requires high magnification, coaxial illumination, versatility and mobility. The Dino-Lite AM7515MT4A is bundled with the user-friendly DinoCapture 2.0 software for Windows. For this model it includes functions such as Automatic Magnification Reading (AMR), Flexible LED Control (FLC), calibration, measurement, capturing & annotating images, and recording video. When focusing at such high magnification it is recommended to use a high-precision stand. The Dino-Lite RK-10A for example is a great add-on, it is a sturdy and stable high-end stand solution constructed of resilient stainless steel and lightweight aluminum and offers a very precise fine-focus adjustment.

ADDITIONAL INFO

DETAILS

Dino-Lite range:

Dino-Lite High Magnification

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No

OPTICS

Magnification:	415x~470x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g

Cable length:

1.8m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC), Coaxial illumination
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
415	6.0	0.951	0.697	0.03
420	7.3	0.926	0.680	
430	8.0	0.905	0.664	
440	8.8	0.884	0.648	
450	10.0	0.876	0.636	
460	11.3	0.847	0.621	
470	11.8	0.828	0.608	0.045
Listed values may differ slightly	*Without front cap			Unit = mm

AM7515MT8A



The AM7515MT8A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of 700-900x with built-in coaxial illumination. By using the Flexible LED Control (FLC), this model is capable of switching between or mixing, brightfield and coaxial illumination.

**USB 2.0**

**MEASUREMENT
FUNCTIONALITY**

**ADJUSTABLE
~700x-900x**

**AUTOMATIC
MAGNIFICATION
READING
AMR**

**MAGNIFICATION
LOCK**

**5 MEGAPIXEL
2592 x 1944**

**8 WHITE LEDs
SWITCHABLE**

**EXCHANGEABLE
CAP**

The coaxial illumination technique reveals details that are very difficult to see under normal light, for example when inspecting wafer plates, microchips or other microelectronics. The AM7515MT8A includes the Automatic Magnification Reading (AMR) feature which automatically detects and displays the magnification in the included Dino-Lite software. These unique features make the Dino-Lite AM7515MT8A a great inspection tool for material analysis, electronics inspection, or any similar application that requires high magnification, coaxial illumination, versatility and mobility. The Dino-Lite AM7515MT8A is bundled with the user-friendly DinoCapture 2.0 software for Windows. For this model it includes functions such as Automatic Magnification Reading (AMR), Flexible LED Control (FLC), calibration, measurement, capturing & annotating images, and recording video. When focusing at such high magnification it is recommended to use a high-precision stand. The Dino-Lite RK-10A for example is a great add-on, it is a sturdy and stable high-end stand solution constructed of resilient stainless steel and lightweight aluminum and offers a very precise fine-focus adjustment.

ADDITIONAL INFO

DETAILS

Dino-Lite range:

Dino-Lite High Magnification

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	No
Emission filter:	No
Polarizer:	No

OPTICS

Magnification:	700-900x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	140g

Cable length:

1.8m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC), Coaxial illumination
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

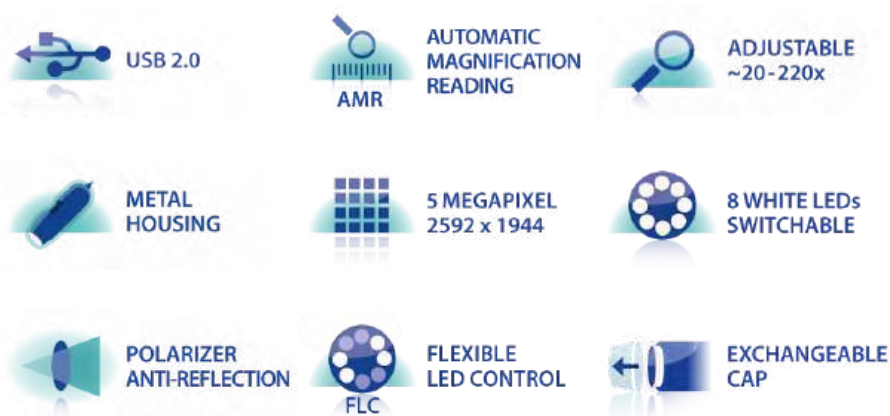
Package contents:	Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00
Working distance/ field of view/ depth of field:	

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
700	6.4	0.56	0.400	0.04
750	6.3	0.52	0.375	0.035
800	6.1	0.48	0.350	0.03
850	6.0	0.46	0.330	0.0275
900	5.9	0.43	0.315	0.26
Listed values may differ slightly	*Without front cap			Unit = mm

AM7515MZT - EDGE



With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features such as flexible LED control (FLC), Automatic Magnification Reading (AMR) and full aluminum body, the Dino-Lite AM7515MZT is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7515MZT offers superb image quality and color reproduction in a robust, compact and appealing housing.



The AM7515MZT is part of the universal range and with its standard working distance and wide magnification range from 20 – 220x, it is suitable for a wide range of applications. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc. The AMR function is of particular importance when the measurement functions are frequently used.

The main features of the AM7515MZT are:

5 Megapixel Edge sensor ▶ 20-220x magnification ▶ integrated polarizer ▶ aluminum housing ▶ Automatic Magnification Reading (AMR) ▶ Flexible LED Control (FLC) ▶ extensive measurement functions ▶ calibration ▶ exchangeable front caps and more.

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Universal
------------------	---------------------

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)

Weight:	125g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	52.7	60.2	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	-
60	2.2	9.7	6.5	5.2	-
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	-	4.5	4.3	3.5	-
100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
Listed values may differ slightly		* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1
Listed values may differ slightly		* Without front cap			Unit = mm

AM7515MZTL - EDGE



With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features such as Flexible LED Control (FLC) and full aluminum body, the Dino-Lite AM7515MZTL is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7515MZTL offers superb image quality and color reproduction in a robust, compact and appealing housing.



USB 2.0



FLC

FLEXIBLE
LED CONTROL



CONTINUOUS
~10x-140x



METAL
HOUSING

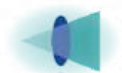


5 MEGAPIXEL
2592 x 1944



AMR

AUTOMATIC
MAGNIFICATION
READING



POLARIZER
ANTI-REFLECTION



4-15 cm

LONG WORKING
DISTANCE



EXCHANGEABLE
CAP

The AM7515MZTL is part of the Long Working Distance (LWD) range and with its Long Working Distance and magnification range from 10 – 140x, it is suitable for a wide range of applications where extra distance to the object or a larger field of view is required.

The extra working distance and larger field of view make this model an ideal solution for tasks such as repair, rework or assembly or for working with bulky or fragile objects that cannot be touched. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc. The AMR function is of particular importance when the measurement functions are frequently used.

The main features of the AM7515MZTL are:

5 Megapixel Edge sensor, Long Working Distance (LWD) 10-140x magnification, larger Field Of View (FOV) integrated polarizer, aluminum housing, Automatic Magnification Reading (AMR), Flexible LED Control (FLC), extensive measurement functions, Calibration, exchangeable front caps and more.

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance
------------------	---------------------------------

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV (max 1.3MP)
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	125g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

AM7915MZT - EDGE



With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features, the Dino-Lite AM7915MZT is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7915MZT offers superb image quality and color reproduction in a robust, compact and appealing housing.



USB 2.0



ADJUSTABLE
~10-220x



5 MEGAPIXEL
2592 x 1944



EXTENDED
DEPTH OF FIELD
EDOF



EXTENDED
DYNAMIC RANGE
EDR



AUTOMATIC
MAGNIFICATION
READING
AMR



POLARIZER
ANTI-REFLECTION
FLC



FLEXIBLE
LED CONTROL



EXCHANGEABLE
CAP

With the Extended Dynamic Range (EDR) feature, the details of darker or brighter areas within the object can be revealed by stacking images at different exposure levels. The Extended Depth of Field (EDOF) feature automatically stacks images at different focus level to improve the depth of field on rough or uneven surfaces. With the built-in automatic magnification reading (AMR), measurements can be performed easily and quickly. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc.

ADDITIONAL INFO

DETAILS	
Dino-Lite range:	Dino-Lite Universal
LIGHTING	
Light/ LED type:	White
Number of LEDs:	8

LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	-
Supported video formats (MacOS):	-
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	137g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Ext. Dynamic Range (EDR), Ext. Depth of Field (EDOF), Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	136.0	37.8	28.3	26.38
20	60.2	19.5	14.6	7.11
30	33.5	13.0	9.7	3.39
40	20.9	9.8	7.3	2.04
50	13.9	7.8	5.8	1.39
60	9.7	6.5	4.8	1.02
70	7.1	5.6	4.2	0.79
80	5.5	4.9	3.6	0.64
90	4.5	4.3	3.2	0.53
100	4.1	3.9	2.9	0.45
110	4.0	3.6	2.7	0.39
120	4.1	3.3	2.4	0.34
130	4.5	3.0	2.2	0.30
140	5.0	2.8	2.1	0.27
150	5.6	2.6	1.9	0.25
160	6.3	2.4	1.8	0.23
170	7.1	2.3	1.7	0.21
180	8.0	2.2	1.6	0.19
190	8.9	2.1	1.5	0.18
200	9.9	2.0	1.5	0.17
210	10.9	1.9	1.4	0.15
220	11.9	1.8	1.3	0.15
Listed values may differ slightly	* Without front cap			Unit = mm

26.38

12.18

7.11

3.39

2.04

1.39

1.02

0.79

0.64

0.53

0.45

0.39

0.34

0.30

0.27

0.25

0.23

0.21

0.19

0.18

0.17

0.15


0.15


.....


AM7915MZTL - EDGE





The AM7915MZTL is part of the Long Working Distance (LWD) range and with its Long Working Distance and magnification range from 10 - 140x, it is suitable for a wide range of applications where extra distance to the object or a larger field of view is required.


**USB 2.0**

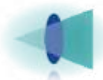
**CONTINUOUS**
~10x - 140x


**5 MEGAPIXEL**
2592 x 1944


**EXTENDED DEPTH OF FIELD**
EDOF

**EXTENDED DYNAMIC RANGE**
EDR

**AUTOMATIC MAGNIFICATION READING**
AMR

**POLARIZER ANTI-REFLECTION**

**FLEXIBLE LED CONTROL**
FLC

**EXCHANGEABLE CAP**

With the Extended Dynamic Range (EDR) feature, the details of darker or brighter areas within the object can be revealed by stacking images at different exposure levels. The Extended Depth of Field (EDOF) feature automatically stacks images at different focus level to improve the depth of field on rough or uneven surfaces. The AMR function is of particular importance when the measurement functions are frequently used. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc.

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance
------------------	---------------------------------

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes

Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
WiFi:	no
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF (max 1.3MP)
Supported image formats (MacOS):	-
Supported video formats (MacOS):	-
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	137g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Ext. Dynamic Range (EDR), Ext. Depth of Field (EDOF), Flexible LED Control (FLC)
-------------------------	--

Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€750,00 - €1000,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	237.7	39	29.2	12.0
20	115	19.5	14.6	4.5
30	75.5	13.0	9.7	3.1
40	56.8	9.8	7.3	1.8
50	46.4	7.8	5.8	1.2
60	40.2	6.5	4.8	0.9
70	36.4	5.6	4.2	0.6
80	34	4.9	3.6	0.5
90	32.7	4.3	3.2	0.37
100	32	3.9	2.9	0.28
110	31.8	3.6	2.6	0.22
120	32	3.3	2.4	0.17
130	32.5	3.0	2.2	0.12
140	33.3	2.8	2.1	0.09
Listed values may differ slightly	*Without front cap			Unit = mm

**Dino-Lite USB 3.0 models use a custom USB cable that is specifically designed for Dino-

WF4915ZTL - WIRELESS



The Dino-Lite WF4915ZTL is a Wireless model that is part of the Long Working Distance (LWD) series. Go from wireless to wired and back in an instant. Work wired via USB or work wireless with the attachable WF-20 Wireless adapter.



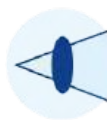
USB 2.0



1,3 Megapixels
1280 x 1024



Adjustable
~10x - 140x



Polarizer
anti-reflection



Long working
distance



Flexible LED
Control FLC



Automatic
Magnification
Reading (AMR)



Extended
Depth Of Field
EDOF



Extended
Dynamic
Range EDR

The WF4915ZTL is equipped with premium features such as Extended Depth of Field (EDOF), Extended Dynamic Range (EDR), Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

The main features of the WF4915ZTL are:

- Completely wireless solution (inc WF20)
- 10-140x magnification
- 1.3 Megapixel Edge sensor
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

(*EDOF only functions under Windows OS)

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance - Wireless
------------------	--

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Completely Wireless solution (includes WF-20)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature: (EDOF), Flexible LED Control (FLC)	Aut. Magn. reading, Ext. Dynamic Range (EDR), Ext. Depth of Field
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, WF-20, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€900 - €1000

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

.....

WF4115ZT - WIRELESS



The Dino-Lite WF4115ZT is a Wireless model that is part of the Universal series. Go from wireless to wired and back in an instant. Work wired via USB or work wireless with the attachable WF-20 Wireless adapter.



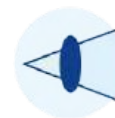
USB 2.0



1,3 Megapixels
1280 x 1024



Adjustable
~20x - 220x



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC

The WF4115ZT is equipped with premium features such as Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality.

The main features of the WF4115ZT are:

- Completely Wireless solution (includes WF-20)
- 1.3MP EDGE SENSOR
- 20-220x magnification
- Extensive measurement functionality
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:

Dino-Lite Universal - Wireless

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Completely Wireless solution (includes WF-20)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature: Flexible LED Control (FLC)

Measurement: Yes

Calibration: Yes

Microtouch sensor: Yes

ESD safe: No

INFORMATION

Package contents: Microscope, WF-20, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap

Warranty information: 2 years European warranty

Regulatory approval: CE, FCC, ROHS

Price range: €700 - €800

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	136.0	37.8	28.3	-
20	60.2	19.5	14.6	2.5
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	-
60	9.7	6.5	4.8	-
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4.0	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5.0	2.8	2.1	-
150	5.6	2.6	1.9	-
160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
180	8.0	2.2	1.6	-
190	8.9	2.1	1.5	-
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
200	9.9	2.0	1.5	-
210	10.9	1.9	1.4	-
220	11.9	1.8	1.3	0.1
Listed values may differ slightly	* Without front cap			Unit = mm

.....

WF4115ZTL - WIRELESS



The Dino-Lite WF4115ZTL is a Wireless model that is part of the Long Working Distance (LWD) series. Go from wireless to wired and back in an instant. Work wired via USB or work wireless with the attachable WF-20 Wireless adapter.



USB 2.0



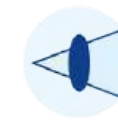
1,3 Megapixels
1280 x 1024



Adjustable
~10x - 140x



Long working
distance



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC

The WF4115ZTL is equipped with premium features such as Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality.

The main features of the WF4115ZTL are:

- Completely Wireless solution (includes WF-20)
- 1.3 Megapixel Edge sensor
- 10-140x magnification
- Long Working Distance (LWD)
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

ADDITIONAL INFO

DETAILS

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Completely Wireless solution (includes WF-20)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)

Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, WF-20, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€700 - €800

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

WF4515ZT - WIRELESS



The Dino-Lite WF4515ZT is a Wireless model that is part of the Universal series. Go from wireless to wired and back in an instant. Work wired via USB or work wireless with the attachable WF-20 Wireless adapter.



USB 2.0



1,3 Megapixels
1280 x 1024



Adjustable
~20x - 220x



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC



Automatic
Magnification
Reading (AMR)

The WF4515ZT is equipped with premium features such as Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

The main features of the WF4515ZT are:

- Completely Wireless solution (includes WF-20)
- 1.3 Megapixel EDGE SENSOR
- 20-220x magnification
- Automatic Magnification Reading (AMR)
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:

Dino-Lite Universal - Wireless

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Completely Wireless solution (includes WF-20)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)

Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, WF-20, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€700 - €800

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	136.0	37.8	28.3	-
20	60.2	19.5	14.6	2.5
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	-
60	9.7	6.5	4.8	-
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4.0	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5.0	2.8	2.1	-
150	5.6	2.6	1.9	-
160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
180	8.0	2.2	1.6	-
190	8.9	2.1	1.5	-
200	9.9	2.0	1.5	-
210	10.9	1.9	1.4	-
220	11.9	1.8	1.3	0.1
Listed values may differ slightly	* Without front cap			Unit = mm

.....

WF4515ZTL - WIRELESS



The Dino-Lite WF4515ZTL is a Wireless model that is part of the Long Working Distance (LWD) series. Go from wireless to wired and back in an instant. Work wired via USB or work wireless with the attachable WF-20 Wireless adapter.



USB 2.0



1,3 Megapixels
1280 x 1024



Adjustable
~10x - 140x



Long working
distance



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC



Automatic
Magnification
Reading (AMR)

The WF4515ZTL is equipped with premium features such as Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

The main features of the WF4515ZTL are:

- Completely wireless solution (inc WF20)
- 1.3 Megapixel Edge sensor
- 10-140x magnification
- Long Working Distance (LWD)
- Automatic Magnification Reading (AMR)
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance - Wireless
------------------	--

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Completely Wireless solution (includes WF-20)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, WF-20, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€700 - €800

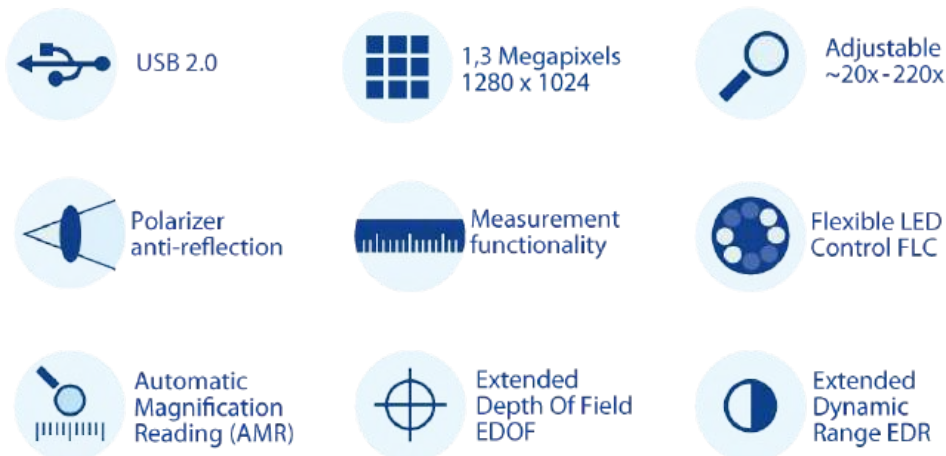
Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	* Without front cap			Unit = mm

WF4915ZT - WIRELESS



The Dino-Lite WF4915ZT is a Wireless model that is part of the Universal series. Go from wireless to wired and back in an instant. Work wired via USB or work wireless with the attachable WF-20 Wireless adapter.



The WF4915ZT is equipped with premium features such as Extended Depth of Field (EDOF), Extended Dynamic Range (EDR), Flexible LED control (FLC), Integrated Polarizer, Extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

The main features of the WF4915ZT are:

- Completely wireless solution (inc WF20)
- 20-220x Magnification
- 1.3 Megapixel Edge sensor
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

(*EDOF only functions under Windows OS)

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Universal - Wireless
------------------	--------------------------------

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 10.12 and up
Included software:	DinoCapture 2.0 (Windows), DinoXcope (Mac OS, no EDOF, EDR)
WiFi:	Completely Wireless solution (includes WF-20)
Supported image formats (Windows):	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows):	WMV, FLV, SWF
Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	11.4cm (L) x 3.3cm (D)
Weight:	111g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading, Ext. Dynamic Range (EDR), Ext. Depth of Field (EDOF), Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, WF-20, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€900 - €1000

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	136.0	37.8	28.3	-
20	60.2	19.5	14.6	2.5
30	33.5	13.0	9.7	1.8
40	20.9	9.8	7.3	1.5
50	13.9	7.8	5.8	-
60	9.7	6.5	4.8	-
70	7.1	5.6	4.2	1.0
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4.0	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
Listed values may differ slightly	* Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
140	5.0	2.8	2.1	-
150	5.6	2.6	1.9	-
160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
180	8.0	2.2	1.6	-
190	8.9	2.1	1.5	-
200	9.9	2.0	1.5	-
210	10.9	1.9	1.4	-
220	11.9	1.8	1.3	0.1
Listed values may differ slightly	* Without front cap			Unit = mm

.....

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

По вопросам продаж и поддержки обращайтесь:

эл.почта: deg@nt-rt.ru || сайт: <https://dino-lite.nt-rt.ru/>