

USB микроскопы (USB) Edge 3.0

Технические характеристики

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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 3.0

AM73115MTF



5MP, USB 3 with eFLC & 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.

Dino-Lite Edge AM73115MTF is an Extra-long Working Distance (ELWD) USB 3.0 model providing uncompressed viewing to deliver exceptional sharpness, improved color accuracy and image quality designed to provide the farthest available working distance with a magnification range of 1x – 70x. By using USB 3.0 the AM73115MTF is capable of providing 45FPS at 1280 x 960 resolution. 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. This model also includes the popular Edge Series feature Flexible LED Control (FLC) which enables partial illumination to enhance edge contrast and provides intensity adjustment for better adaptability, interchangeable front caps, and rugged metal housing.

USB 3.0 Dino-Lite 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
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 3.0

AM73115MZT



5MP, USB 3 with eFLC & Polarizer

Dino-Lite Edge AM73115MZT is a USB 3.0 model providing uncompressed viewing to deliver exceptional sharpness, improved color accuracy and image quality with a magnification range of 10x – 220x. By using USB 3.0 the AM73115MZT is capable of providing 45FPS at 1280 x 960 resolution, allowing this microscope to be used in a wider range of more demanding applications. This model also includes the popular Edge Series feature Flexible LED Control (FLC) which enables partial illumination to enhance edge contrast and provides intensity adjustment for better adaptability, combined with the built-on polarizer, interchangeable front caps, and rugged metal housing.

• USB 3.0 Dino-Lite 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 3.0

AM73515MT8A



5MP, USB 3 with eFLC, AXI, AMR & High Mag

The AM73515MT8A is the USB 3.0 version of the 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 AM73515MT8A includes the Automatic Magnification Reading (AMR) feature which helps aid with measurement by displaying the current magnification directly in the live view window.

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USB 3.0 Dino-Lite 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	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 Edge 3.0

AM73515MZT



USB 3 with eFLC, AMR & Polarizer

Dino-Lite Edge AM73515MZT is a USB 3.0 model providing uncompressed viewing to deliver exceptional sharpness, improved color accuracy and image quality with a magnification range of 10x – 220x. By using USB 3.0 the AM73515MZT is capable of providing 45FPS at 1280 x 960 resolution, allowing this microscope to be used in a wider range of more demanding applications. This model also includes Automatic Magnification Reading (AMR) which transmits the current magnification directly to the software. If the magnification is adjusted, AMR automatically updates within the software for faster execution of measurement and calibration. Flexible LED Control (FLC) enables partial illumination control options to enhance edge contrast and provides intensity adjustment for better adaptability, combined with the built-on polarizer, interchangeable front caps, and rugged metal housing.

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USB 3.0 Dino-Lite 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 3.0

AM73515MZTL



5MP, USB 3 with eFLC, AMR, Polarizer & Long WD

Dino-Lite Edge AM73515MZTL is a longer working distance USB 3.0 model providing uncompressed viewing to deliver exceptional sharpness, improved color accuracy and image quality with a magnification range of 10x – 140x. By using USB 3.0 the AM73515MZTL is capable of providing 45FPS at 1280 x 960 resolution, allowing this microscope to be used in a wider range of more demanding applications. This model also includes Automatic Magnification Reading (AMR) which transmits the current magnification directly to the software. If the magnification is adjusted, AMR automatically updates within the software for faster execution of measurement and calibration. Flexible LED Control (FLC) enables partial illumination control options to enhance edge contrast and provides intensity adjustment for better adaptability, combined with the built-on polarizer, interchangeable front caps, and rugged metal housing.

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USB 3.0 Dino-Lite 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 3.0

AM73915MT8



5MP, USB 3 with eFLC, AMR, EDOF, DPQ & High Mag

At high magnifications, the thickness or roughness of targets may pose difficulties in focusing due to the small depth-of-field of microscopes. The Edge 3.0 AM73915MT8 microscope with 700x – 900x magnification provides EDOF to generate focus-stacked images. AM73915MT8 offers DPQ, EDOF, eFLC, AMR, EDR, a click-to-focus functionality for automatically changing focus to the point of interest, and smooth live imaging with a resolution of 5.0 MP at 15 fps or 1.3 MP at 45 fps.

- [USB 3.0 Dino-Lite Information](#)
- [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	700	750	800	850	900
Working Distance	5.82	5.74	5.68	5.62	5.57
Field of View	0.558 x 0.419	0.521 x 0.391	0.488 x 0.366	0.460 x 0.345	0.434 x 0.326
Depth of Field	0.00985	0.00973	0.00956	0.00937	0.00915

★ Units shown in millimeter

Dino-Lite Edge 3.0

AM73915MZT



5MP, USB 3 with eFLC, AMR, EDOF, DPQ & Polarizer

Dino-Lite Edge AM73915MZT is a USB 3.0 model providing uncompressed viewing to deliver exceptional sharpness, improved color accuracy and image quality with a magnification range of 10x – 220x. By using USB 3.0 the AM73915MZT is capable of providing 45FPS at 1280 x 960 resolution, allowing this microscope to be used in a wider range of more demanding applications.

This model also includes the popular Extended Depth of Field, Depth Acquisition – DPQ, (EDOF/DPQ are available on Windows only) and Automatic Magnification Reading (AMR). EDOF allows users to automatically capture multiple images and different depths and automatically combine them into one clear image. Flexible LED Control (FLC) enables partial illumination control options to enhance edge contrast and provides intensity adjustment for better adaptability, combined with the built-on polarizer, interchangeable front caps, and rugged metal housing.

- [USB 3.0 Dino-Lite Information](#)
- [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	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 3.0

AM73915MZT4



5MP, USB 3 with eFLC, AMR, EDOF, DPQ, Polarizer & High Mag

As magnification increases, targets with uneven surfaces are often out of focus due to the limited depth of field. The 5MP Edge 3.0 AM73915MZT4 microscope with 400x – 470x magnification offers a click-to-focus functionality for automatic focusing to the point of interest and also features EDOF for generating focus-stacked images. Equipped with a polarizer and advanced features like DPQ, eFLC, AMR, and EDR, the Edge 3.0 AM73915MZT4 is a robust tool ready to tackle a variety of tasks.

- [USB 3.0 Dino-Lite Information](#)
- [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	400	410	420	430	440	450	460	470
Working Distance	5.68	6.63	7.59	8.55	9.51	9.62	9.56	9.50
Field of View	0.977 x 0.732	0.953 x 0.715	0.930 x 0.698	0.909 x 0.681	0.888 x 0.666	0.868 x 0.651	0.849 x 0.637	0.831 x 0.623
Depth of Field	0.041	0.040	0.039	0.038	0.038	0.037	0.036	0.036

★ Units shown in millimeter

Dino-Lite Edge 3.0

AM73915MZTL



5MP, USB 3 with eFLC, AMR, EDOF, DPQ, Polarizer & Long WD

Dino-Lite Edge AM73915MZTL is a longer working distance USB 3.0 model providing uncompressed viewing to deliver exceptional sharpness, improved color accuracy and image quality with a magnification range of 10x – 140x. By using USB 3.0 the AM73915MZTL is capable of providing 45FPS at 1280 x 960 resolution, allowing this microscope to be used in a wider range of more demanding applications. This model includes the popular Extended Depth of Field, Depth Acquisition – DPQ, (EDOF/DPQ are available on Windows only) and Automatic Magnification Reading (AMR). EDOF allows users to automatically capture multiple images and different depths and automatically combine them into one clear image. Flexible LED Control (FLC) enables partial illumination control options to enhance edge contrast and provides intensity adjustment for better adaptability, combined with the built-on polarizer, interchangeable front caps, and rugged metal housing.

- [USB 3.0 Dino-Lite Information](#)
- [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	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

AM73115MTF

Designed to offer extra-long working distance, the Dino-Lite Edge 3.0 AM73115MTF offers a minimum viewing distance of 108mm at maximum 70X magnification. With USB 3.0 interface, it delivers superior fluid and uncompressed image with 15fps at 5MP or 45fps at 1.3MP resolutions.



Extra-long Working Distance

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 observation requiring ample space between microscope and object.



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15 FPS at 2560x1920 or 45 FPS at 1280x960.



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 advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560x1920 without compression.



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.



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments.

Note: eFLC is available for AM73115MTF(R10) or later.



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.

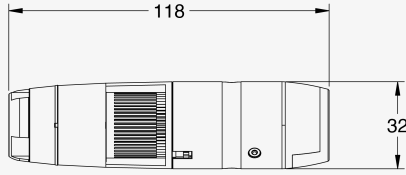
Note:

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
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	AM73115MTF Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	10x~70x
Frame Rate	15fps at 5MP, YUY2 (USB 3.0) 45fps at 1.3MP, YUY2 (USB 3.0) 15fps at 1.3MP, YUY2 (USB 2.0)
System Requirements	Intel® Core™ i5 3.2GHz 20GB available HD space 8GB available RAM or more 2GB video card or more CD-ROM drive for installation USB 3.0 with intel chipset
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
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap) 118 mm (H) x 32 mm (D)
Unit Dimension	
Unit Weight	110g

AM73115MZT

Empowered with USB 3.0 interface, the Dino-Lite Edge 3.0 series AM73115MZT delivers exceptional sharp and fluent images operated within a range of 10-220x magnifications. With compression eliminated, the AM73115MZT can reveal the finest detail to fully unleash the power of the Edge optics. Thanks to USB 3.0, the AM73115MZT is capable of providing 15FPS at 5MP or 45FPS at 1.3MP resolutions, allowing the unit to be used in a more demanding application.



High-speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15FPS at 2560x1920 or 45FPS at 1280x960.



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 advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560x1920 without compression.



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.



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments.

Note: eFLC is available for AM73115MZT(R10) or later.



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.

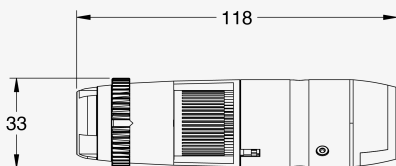
Note:

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	142.4	37.8	28.3	19.7
20	59.5	19.5	14.6	5.4
30	32.9	13.0	9.7	2.6
40	20.2	9.8	7.3	1.6
50	13.2	7.8	5.8	1.1
60	9.0	6.5	4.8	0.8
70	6.4	5.6	4.2	0.6
80	4.8	4.9	3.6	0.5
90	3.9	4.3	3.2	0.42
100	3.5	3.9	2.9	0.36
110	3.3	3.6	2.7	0.31
120	3.5	3.3	2.4	0.27
130	3.8	3.0	2.2	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	1.9	0.2
160	5.6	2.4	1.8	0.18
170	6.4	2.3	1.7	0.17
180	7.3	2.2	1.6	0.15
190	8.2	2.1	1.5	0.14
200	9.2	2.0	1.5	0.13
210	10.2	1.9	1.4	0.13
220	11.3	1.8	1.3	0.12

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

Model	AM73115MZT Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	10x ~ 220x
Frame Rate	15fps at 5MP, YUY2 (USB 3.0) 45fps at 1.3MP, YUY2 (USB 3.0) 15fps at 1.3MP, YUY2 (USB 2.0)
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
System Requirements	Intel® Core™ i5 3.2GHz 20GB available HD space 8GB available RAM or more 2GB video card or more CD-ROM drive for installation USB 3.0 with intel chipset
Operating System	Windows 7/8/10/11 macOS 10.14 or later
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	118 mm (H) x 33 mm (D) 
Unit Weight	110g

AM73115MZTL

Dino-Lite 5MP AM73115MZTL USB 3.0 interface provides smooth, high-resolution live imaging with ample space for target handling. AM73115MZTL is a long working distance digital microscope that delivers uncompressed live imaging up to 15 FPS at 5MP optical resolution and 45 FPS at 1.3MP.



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15 FPS at 2560x1920 or 45 FPS at 1280x960.



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 advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560x1920 without compression.



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 to the four LED quadrants in addition to the 6-levels intensity adjustment capability.



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments.

Note: eFLC is available for AM73115MZTL(R10A) or later.



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.



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 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.

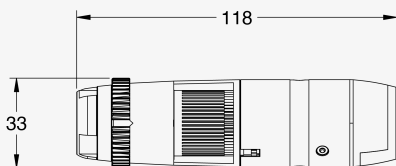
Note:

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

Model	AM73115MZTL Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	10x ~ 140x
Frame Rate	15fps at 5MP, YUY2 (USB 3.0) 45fps at 1.3MP, YUY2 (USB 3.0) 15fps at 1.3MP, YUY2 (USB 2.0)
System Requirements	Intel® Core™ i5 3.2GHz 20GB available HD space 8GB available RAM or more 2GB video card or more CD-ROM drive for installation USB 3.0 with intel chipset
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
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	118 mm (H) x 33 mm (D) 
Unit Weight	110g

AM73515MZT

Observe smooth and high optical resolution live imaging with Dino-Lite 5MP AM73515MZT USB 3.0, a digital microscope specially designed for high-speed data transmission providing up to 15 FPS at 5MP resolution. AM73515MZT AMR feature is a tool of choice for measurement applications.



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15 FPS at 2560x1920 or 45 FPS at 1280x960.



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 advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560x1920 without compression.



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.



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments.

Note: eFLC is available for AM73515MZT(R10) or later.



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.



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 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.

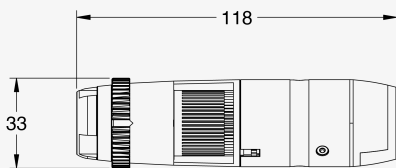
Note:

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	142.4	37.8	28.3	19.7
20	59.5	19.5	14.6	5.4
30	32.9	13.0	9.7	2.6
40	20.2	9.8	7.3	1.6
50	13.2	7.8	5.8	1.1
60	9.0	6.5	4.8	0.8
70	6.4	5.6	4.2	0.6
80	4.8	4.9	3.6	0.5
90	3.9	4.3	3.2	0.42
100	3.5	3.9	2.9	0.36
110	3.3	3.6	2.7	0.31
120	3.5	3.3	2.4	0.27
130	3.8	3.0	2.2	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	1.9	0.2
160	5.6	2.4	1.8	0.18
170	6.4	2.3	1.7	0.17
180	7.3	2.2	1.6	0.15
190	8.2	2.1	1.5	0.14
200	9.2	2.0	1.5	0.13
210	10.2	1.9	1.4	0.13
220	11.3	1.8	1.3	0.12

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

Model	AM73515MZT Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	10x ~ 220x
Frame Rate	15fps at 5MP, YUY2 (USB 3.0) 45fps at 1.3MP, YUY2 (USB 3.0) 15fps at 1.3MP, YUY2 (USB 2.0)
System Requirements	Intel® Core™ i5 3.2GHz 20GB available HD space 8GB available RAM or more 2GB video card or more CD-ROM drive for installation USB 3.0 with intel chipset
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
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	118 mm (H) x 33 mm (D) 
Unit Weight	110g

AM73515MZTL

Manipulate your targets comfortably with Dino-Lite 5MP AM73515MZTL long working distance digital microscope. AM73515MZTL uses a USB 3.0 interface, providing up to 5MP resolution live imaging at 15 FPS. AM73515MZTL features AMR, a tool of choice for measurement applications.



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15 FPS at 2560x1920 or 45 FPS at 1280x960.



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 advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560x1920 without compression.



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.



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.



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments.

Note: eFLC is available for AM73515MZTL(R10A) or later.



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.



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 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.

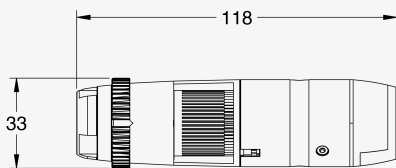
Note:

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

Model	AM73515MZTL Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	10x ~ 140x
Frame Rate	15fps at 5MP, YUY2 (USB 3.0) 45fps at 1.3MP, YUY2 (USB 3.0) 15fps at 1.3MP, YUY2 (USB 2.0)
System Requirements	Intel® Core™ i5 3.2GHz 20GB available HD space 8GB available RAM or more 2GB video card or more CD-ROM drive for installation USB 3.0 with intel chipset
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
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	118 mm (H) x 33 mm (D) 
Unit Weight	110g

AM73515MT4A

Equipped with a built-in coaxial light controlled via eFLC, AM73515MT4A provides exceptional brightfield imaging for viewing reflective surfaces or more challenging topographies. Thanks to USB 3.0, the AM73515MT4A delivers uncompressed live images for finer details.



High-Speed Transmission

Through the use of USB 3.0 interface, the device is capable of obtaining smooth and high-quality images at up to 15 fps at 2560 x 1920 or 45 fps at 1280 x 960.



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 advanced CMOS image sensor allows the transmission of sharp and crisp images with resolution up to 2560 x 1920 without compression.



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.



Enhanced Flexible LED Control (eFLC, with coaxial light)

Enhancing FLC capabilities, the eFLC can adjust the light intensity on two assigned groups of LED quadrants and the coaxial light, with 32 and 6 levels of adjustment respectively.



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.



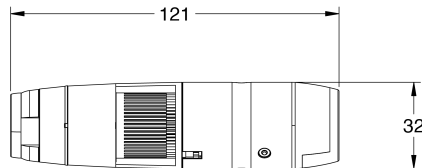
Robust Metal Housing

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	6.8	0.93	0.70	0.04
430	7.7	0.91	0.68	0.04
440	8.6	0.89	0.67	0.04
450	8.6	0.87	0.65	0.04
460	8.5	0.85	0.64	0.03
470	8.5	0.83	0.62	0.03

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

Model	AM73515MT4A
Series	Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	420x ~ 470x
Frame Rate	15 fps at 5 MP, YUY2 45 fps at 1.3 MP, YUY2
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	USB 3.0 Type-A to Type-C cable (detachable) USB 3.0 Type-A to Type-A cable (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	121 mm (H) x 32 mm (D) 
Unit Weight	Approx. 110 g

AM73515MT8A

With the built-in coaxial light, the Dino-Lite 5MP AM73515MT8A is capable of switching from darkfield to coaxial-brightfield illumination. The coaxial-brightfield illumination allows users to obtain clear visualization of the edges, dents and scratches, pores and other topographical features of reflective surfaces.



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable of obtaining smooth and high-quality images at up to 15 FPS at 2560x1920 or 45 FPS at 1280x960.



Brightfield/Darkfield

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



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

The advanced CMOS image sensor transmits sharp and crisp images with a resolution up to 2560x1920 without compression.



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.



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.



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments.

Note: eFLC is available for AM73515MT8A(R10) or later.



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-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

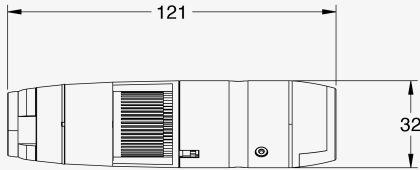
M = magnification rate

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Unit = mm

Model	AM73515MT8A Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	700x ~ 900x
Frame Rate	15fps at 5MP, YUY2 (USB 3.0) 45fps at 1.3MP, YUY2 (USB 3.0) 15fps at 1.3MP, YUY2 (USB 2.0)
System Requirements	<ul style="list-style-type: none"> · Intel® Core™ i5 3.2GHz · 20GB available HD space · 8GB available RAM or more · 2GB video card or more · CD-ROM drive for installation · USB 3.0 with intel chipset
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
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap)
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Unit Dimension	121 mm (H) x 32 mm (D) 
Unit Weight	110g

AM73915MZT

The Dino-Lite Edge 3.0 AM73915MZT, an all-in-one device together with USB 3.0 connecting capability, is well-suited for most professional applications within 10-220x magnification. Inheriting advantages from Edge 3.0 series, the AM73915MZT provides fluid and uncompressed images but added with sophisticated EDOF/EDR, DPQ, AMR and FLC functionalities, making it one of the most versatile devices of Dino-Lite.



Note:

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

DPQ is available for the AM73915MZT(R10) and AM73915MZTL(R10A) only.



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15 FPS at 2560x1920 or 45 FPS at 1280x960.



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 advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560x1920 without compression.



Depth acquisition (DPQ)

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



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.



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.



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments.

Note: eFLC is available for AM73915MZR(R10) or later.



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.

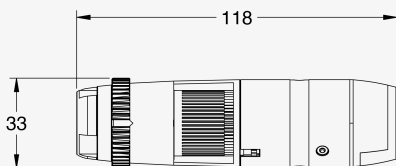
Note:

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	142.4	37.8	28.3	19.7
20	59.5	19.5	14.6	5.4
30	32.9	13.0	9.7	2.6
40	20.2	9.8	7.3	1.6
50	13.2	7.8	5.8	1.1
60	9.0	6.5	4.8	0.8
70	6.4	5.6	4.2	0.6
80	4.8	4.9	3.6	0.5
90	3.9	4.3	3.2	0.42
100	3.5	3.9	2.9	0.36
110	3.3	3.6	2.7	0.31
120	3.5	3.3	2.4	0.27
130	3.8	3.0	2.2	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	1.9	0.2
160	5.6	2.4	1.8	0.18
170	6.4	2.3	1.7	0.17
180	7.3	2.2	1.6	0.15
190	8.2	2.1	1.5	0.14
200	9.2	2.0	1.5	0.13
210	10.2	1.9	1.4	0.13
220	11.3	1.8	1.3	0.12

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

Model	AM73915MZT Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	10x~220x
Frame Rate	15fps at 5MP, YUY2 (USB 3.0) 45fps at 1.3MP, YUY2 (USB 3.0) 15fps at 1.3MP, YUY2 (USB 2.0)
System Requirements	Intel® Core™ i5 3.2GHz 20GB available HD space 8GB available RAM or more 2GB video card or more CD-ROM drive for installation USB 3.0 with intel chipset
Operating System	Windows 7/8/10/11 macOS 10.14 or later (EDOF/EDR/DPQ 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	118 mm (H) x 33 mm (D) 
Unit Weight	110g

AM73915MZTL

Dino-Lite Edge 3.0 AM73915MZTL is an all-in-one digital microscope ready to satisfy a variety of users. AM73915MZTL is a long working distance digital microscope with a plethora of features such as EDOF/EDR, DPQ, AMR, FLC, and smooth live imaging with a resolution of 5MP at 15 FPS or 1.3MP at 45 FPS.

Note:

EDOF, EDR, and DPQ are available on Windows PC only.
DPQ is available for the AM73915MZT(R10) and AM73915MZTL(R10A) only.



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15 FPS at 2560x1920 or 45 FPS at 1280x960.



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 advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560x1920 without compression.



Depth acquisition (DPQ)

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



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.



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.



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments.

Note: eFLC is available for AM73915MZTL(R10A) or later.



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.

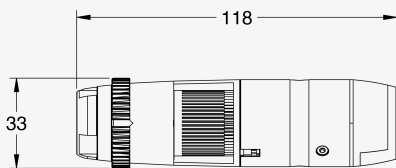
Note:

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

Model	AM73915MZTL Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	10x ~ 140x
Frame Rate	15fps at 5MP, YUY2 (USB 3.0) 45fps at 1.3MP, YUY2 (USB 3.0) 15fps at 1.3MP, YUY2 (USB 2.0)
System Requirements	Intel® Core™ i5 3.2GHz 20GB available HD space 8GB available RAM or more 2GB video card or more CD-ROM drive for installation USB 3.0 with intel chipset
Operating System	Windows 7/8/10/11 macOS 10.14 or later (EDOF/EDR/DPQ 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	118 mm (H) x 33 mm (D) 
Unit Weight	110g

AM73915MZT4

As magnification increases, targets with uneven surfaces are often out of focus due to the limited depth of field. The 5.0 MP Edge 3.0 AM73915MZT4 400x - 470x microscope offers a click-to-focus functionality for automatic focusing to the point of interest and also features EDOF for generating focus-stacked images. Equipped with a polarizer and advanced features like DPQ, eFLC, AMR, and EDR, Edge 3.0 AM73915MZT4 is a robust tool ready to tackle a variety of tasks.



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



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15 fps at 2560 x 1920 or 45 fps at 1280 x 960.



5.0 Megapixels

The advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560 x 1920 without compression.



Extended Depth of Field (EDOF)

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



Depth Acquisition (DPQ)

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



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with a 32-level light intensity adjustment.



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)

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.



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

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 (12.5 mm length) This 12.5 mm 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 (9.5 mm length) This 9.5 mm 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

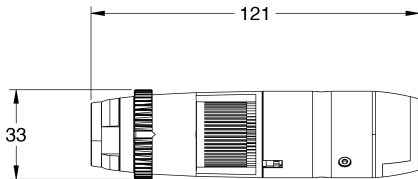
M	WD	FOV (x)	FOV (y)	DOF
400	5.68	0.977	0.732	0.041
410	6.63	0.953	0.715	0.040
420	7.59	0.930	0.698	0.039
430	8.55	0.909	0.681	0.038
440	9.51	0.888	0.666	0.038
450	9.62	0.868	0.651	0.037
460	9.56	0.849	0.637	0.036
470	9.50	0.831	0.623	0.036

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM73915MZT4 Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	400x ~ 470x
Frame Rate	15 fps at 5 MP, YUY2 (USB 3.0) 45 fps at 1.3 MP, YUY2 (USB 3.0) 15 fps at 1.3 MP, YUY2 (USB 2.0)
Operating System	Windows 7/8/10/11 macOS 10.14 or later (EDOF/EDR/DPQ 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-E (Extended Open Cap) N3C-O (Open Cap)
Unit Dimension	121 mm (H) x 33 mm (D) 
Unit Weight	110 g

AM73915MT8

At high magnifications, the thickness or roughness of targets may pose difficulties in focusing due to the small depth-of-field of microscopes. The Edge 3.0 AM73915MT8 800x provides EDOF to generate focus-stacked images. AM73915MT8 offers DPQ, EDOF, eFLC, AMR, EDR, a click-to-focus functionality for automatically changing focus to the point of interest, and smooth live imaging with a resolution of 5.0 MP at 15 fps or 1.3 MP at 45 fps.



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



High-Speed transmission

Through the use of USB 3.0 interface, the device is capable to obtain smooth and high-quality image at up to 15 fps at 2560 x 1920 or 45 fps at 1280 x 960.



5.0 Megapixels

The advanced CMOS image sensor allows to transmit sharp and crisp image with resolution up to 2560 x 1920 without compression.



Extended Depth of Field (EDOF)

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



Depth Acquisition (DPQ)

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



Enhanced Flexible LED Control (eFLC)

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with a 32-level light intensity adjustment.



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)

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.



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

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 (12.5 mm length) This 12.5 mm 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 (9.5 mm length) This 9.5 mm 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	5.82	0.558	0.419	0.00985
750	5.74	0.521	0.391	0.00973
800	5.68	0.488	0.366	0.00956
850	5.62	0.460	0.345	0.00937
900	5.57	0.434	0.326	0.00915

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

Model	AM73915MT8 Dino-Lite Edge 3.0
Interface	USB 3.0
Resolution	5.0 Megapixel (2560 x 1920)
Magnification	700x ~ 900x
Frame Rate	15 fps at 5.0 MP, YUY2 (USB 3.0) 45 fps at 1.3 MP, YUY2 (USB 3.0) 15 fps at 1.3 MP, YUY2 (USB 2.0)
System Requirements	Intel® Core™ i5 3.2GHz 20GB available HD space 8GB available RAM or more 2GB video card or more CD-ROM drive for installation USB 3.0 with intel chipset
Operating System	Windows 7/8/10/11 macOS 10.14 or later (EDOF/EDR/DPQ 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-E (Extended Open Cap) N3C-O (Open Cap) 121 mm (H) x 32 mm (D)
Unit Dimension	 <p>The technical drawing shows a side profile of the device. A horizontal dimension line at the top indicates a height of 121 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 handle on the right.</p>
Unit Weight	110 g

AM73115MTF



The Dino-Lite AM73115MTF is a special model within the High Speed range with USB 3.0 connection. It offers superb uncompressed image quality and color reproduction in a robust, compact and appealing metal housing. The AM73115MTF ("F" stands for Far) offers an extra-large working distance.



USB 3.0



HIGH SPEED



CONTINUOUS
~10x - 70x



MAGNIFICATION
LOCK



5 MEGAPIXEL
2592 x 1944



8 WHITE LEDs
SWITCHABLE



LONG WORKING
DISTANCE

11-48 cm

USB 3.0 adds a new transfer mode called "SuperSpeed" (SS) capable of transferring data up to 5Gbits/s (625MB/s). Dino-Lite models with USB 3.0 offer an image transfer speed of up to 45FPS at a 1280 x 960 resolution. SuperSpeed allows you to take advantage of the full power of the Dino-Lite Edge Series optics including improved colour accuracy and image quality.

The Dino-Lite AM73115MTF is a USB 3.0 model with a magnification range of 10x - 70x and an Extra Long Working Distance of up to 48 cm. At a 70x magnification the distance to the object can reach an unparalleled 115 mm. This model is member of the Dino-Lite Edge family with the latest, cutting-edge optics, an unmatched 5 megapixel sensor and several special features such as Flexible LED Control (FLC), full metal body, extensive measurement functions, calibration, exchangeable front caps and more.

The AM73115MTF is a special product within the Dino-Lite USB 3.0 range. For professionals who are looking for a large working distance and high speed data transfer combined with the best available image quality, this is the model of choice.

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite High Speed
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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:	10-70x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	5 Megapixel (2592x1944)
Maximum frame rate:	45fps (max 20fps for video recording)

COMPATIBILITY

Interface:	USB 3.0, Cable included**
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 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:	11.9cm (L) x 3.3cm (H)
Weight:	110g
Cable length:	1.8m

FEATURES

Special feature:	Flexible LED Control (FLC), Extra Long Working Distance
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	480	39	31.2	10.6
20	263	19.5	15.6	4.85
30	186	13.0	10.4	1.85
40	152	9.8	7.8	1.24
50	132	7.8	6.2	0.93
60	121	6.5	5.2	0.73
70	115	5.6	4.2	0.53
Listed values may differ slightly				Unit = mm

** Dino-Lite USB 3.0 models use a custom USB cable that is specifically designed for Dino-Lite

AM73115MZT



With the use of the USB 3.0 connection the AM73115MZT is able to capture smooth and high-quality images. The Edge series optics and the special feature Flexible LED Control (FLC) makes the AM73115MZT the best choice for the more demanding applications.



USB 3.0



HIGH SPEED



ADJUSTABLE
~10-220x



MAGNIFICATION
LOCK



5 MEGAPIXEL
2592 x 1944



8 WHITE LEDs
SWITCHABLE



POLARIZER
ANTI-REFLECTION



STANDARD
WORKING
DISTANCE

It offers superb uncompressed image quality and color reproduction in a robust, compact and appealing metal housing. The AM73115MZT is part of the high speed range due to its USB 3.0 connection with a maximum speed of 45fps at 1280x960 and 15fps at 2560x1920. With its wide magnification range from 20 – 220x, it is suitable for a broad 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 AM73115MZT are: 5 Megapixel Edge sensor, USB 3.0 with up to 45fps, 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 High Speed
------------------	----------------------

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:	45fps (max 20fps for video recording)

COMPATIBILITY

Interface:	USB 3.0, Cable included**
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 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:	11.9cm (L) x 3.3cm (H)
Weight:	110g
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, 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	-
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
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4	3.6	2.7	-
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5	2.8	2.1	-
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
150	5.6	2.6	1.9	-
160	6.3	2.4	1.8	-
170	7.1	2.3	1.7	-
180	8	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

**Dino-Lite USB 3.0 models use a custom USB cable that is specifically designed for Dino-Lite

AM73115MZTL



With the use of the USB 3.0 connection the AM73115MZTL is able to capture smooth and high-quality images. The Edge series optics and the special feature Flexible LED Control (FLC) makes the AM73115MZTL the best choice for the more demanding applications




USB 3.0



HIGH SPEED




CONTINUOUS
~10x-140x




MAGNIFICATION
LOCK



5 MEGAPIXEL
2592 x 1944



8 WHITE LEDs
SWITCHABLE



POLARIZER
ANTI-REFLECTION



LONG WORKING
DISTANCE
4-15 cm

The AM73115MZTL is part of the high speed range due to its USB 3.0 connection with a maximum speed of 45fps at 1280x960 and 15fps at 2560x1920. With its magnification range from 10 – 140x and long working distance, it is suitable for a broad 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 AM73115MZTL are: 5 Megapixel Edge sensor, USB 3.0 with up to 45fps, 10-140x magnification, long working distance, 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 High Speed
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:	45fps (max 20fps for video recording)

COMPATIBILITY

Interface:	USB 3.0, Cable included**
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 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:	11.9cm (L) x 3.3cm (H)
Weight:	110g
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, 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	234.5	39	31.2	12.0
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	3.6	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

**Dino-Lite USB 3.0 models use a custom USB cable that is specifically designed for Dino-Lite

AM73915MZT



The Dino-Lite AM73915MZT is part of the High Speed range with USB 3.0 connection. It offers superb uncompressed image quality and color reproduction in a robust, compact and appealing metal housing.



USB 3.0



HIGH SPEED



ADJUSTABLE
~10-220x



MAGNIFICATION
LOCK



5 MEGAPIXEL
2592 x 1944



8 WHITE LEDS
SWITCHABLE



POLARIZER
ANTI-REFLECTION



STANDARD
WORKING
DISTANCE

USB 3.0 adds a new transfer mode called "SuperSpeed" (SS) capable of transferring data up to 5Gbits/s (625MB/s). Dino-Lite models with USB 3.0 offer an image transfer speed of up to 45FPS at a 1280 x 960 resolution. SuperSpeed allows you to take advantage of the full power of the Dino-Lite Edge Series optics including improved colour accuracy and image quality.

The Dino-Lite AM73915MZT is a USB 3.0 model with a magnification range of 10x - 220x and a standard working distance of up to 6 cm. This model is member of the Dino-Lite Edge family with the latest, cutting-edge optics, an unmatched 5 megapixel sensor and several special features such as the Extended Depth of Field (EDOF), Enhanced Dynamic Range (EDR), Automatic Magnification Reading (AMR), Flexible LED Control (FLC), built-in polarization filter, full metal body, extensive measurement functions, calibration, exchangeable front caps and more.

EDOF allows users to automatically capture multiple images at different depths and automatically combine them into one clear image. EDR automatically captures and combines multiple images at different exposure levels to produce a final image with greater dynamic range. The AMR function automatically detects and displays the magnification of the Dino-Lite. The magnification is displayed within the Dino-Lite software and stored with the captured picture and simplifies the measuring process.

The AM73915MZT is one of the most high-end Dino-Lite products available and the top-level product within the Dino-Lite USB 3.0 range. For professionals who are looking for high speed data transfer, the best available image quality and are looking for advanced features this is the model of choice.

**EDOF/EDR only functions under Windows OS*

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite High Speed

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: 45fps (max 20fps for video recording)

COMPATIBILITY

Interface: USB 3.0, Cable included**

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 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:	11.9cm (L) x 3.3cm (H)
Weight:	110g
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:	€1000,00 - €1250,00

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE8	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
80	5.5	4.9	3.6	-
90	4.5	4.3	3.2	-
100	4.1	3.9	2.9	-
110	4	3.6	2.7	-
Listed values may differ slightly	*Without front cap			Unit = mm

MAGNIFICATION RATE	WORKING DISTANCE8	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
120	4.1	3.3	2.4	-
130	4.5	3.0	2.2	-
140	5	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	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

**Dino-Lite USB 3.0 models use a custom USB cable that is specifically designed for Dino-Lite

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AM73915MZTL



The Dino-Lite AM73915MZTL is a Long Working Distance model that is part of the High Speed range with USB 3.0 connection. It offers superb uncompressed image quality and color reproduction in a robust, compact and appealing metal housing.



USB 3.0



HIGH SPEED



CONTINUOUS
~10x-140x



MAGNIFICATION
LOCK



5 MEGAPIXEL
2592 x 1944



8 WHITE LEDs
SWITCHABLE



LONG WORKING
DISTANCE

4-15 cm

USB 3.0 adds a new transfer mode called "SuperSpeed" (SS) capable of transferring data up to 5Gbits/s (625MB/s). Dino-Lite models with USB 3.0 offer an image transfer speed of up to 45FPS at a 1280 x 960 resolution. SuperSpeed allows you to take advantage of the full power of the Dino-Lite Edge Series optics including improved colour accuracy and image quality.

The Dino-Lite AM73915MZTL is a USB 3.0 model with a magnification range of 10x - 140x and a Long Working Distance of up to 24 cm. This model is member of the Dino-Lite Edge family with the latest, cutting-edge optics, an unmatched 5 megapixel sensor and several special features such as the Extended Depth of Field (EDOF), Enhanced Dynamic Range (EDR), Automatic Magnification Reading (AMR), Flexible LED Control (FLC), built-in polarization filter, full metal body, extensive measurement functions, calibration, exchangeable front caps and more.

EDOF allows users to automatically capture multiple images at different depths and automatically combine them into one clear image. EDR automatically captures and combines multiple images at different exposure levels to produce a final image with greater dynamic range. The AMR function automatically detects and displays the magnification of the Dino-Lite. The magnification is displayed within the Dino-Lite software and stored with the captured picture and simplifies the measuring process.

The AM73915MZTL is one top-level Dino-Lite products available and the most advanced product within the Dino-Lite USB 3.0 range. For professionals who are looking for extended working distance, high speed data transfer, the best available image quality and many advanced features this is the model of choice.

**EDOF/EDR only functions under Windows OS*

ADDITIONAL INFO

DETAILS

Dino-Lite range: Dino-Lite High Speed

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: 45fps (max 20fps for video recording)

COMPATIBILITY

Interface: USB 3.0, Cable included**

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 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:	11.9cm (L) x 3.3cm (H)
Weight:	110g
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:	€1000,00 - €1250,00

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
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	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-

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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
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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/>