USB микроскопы (USB) EdgePLUS

Технические характеристики

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Dino-Lite Edge^{PLUS}

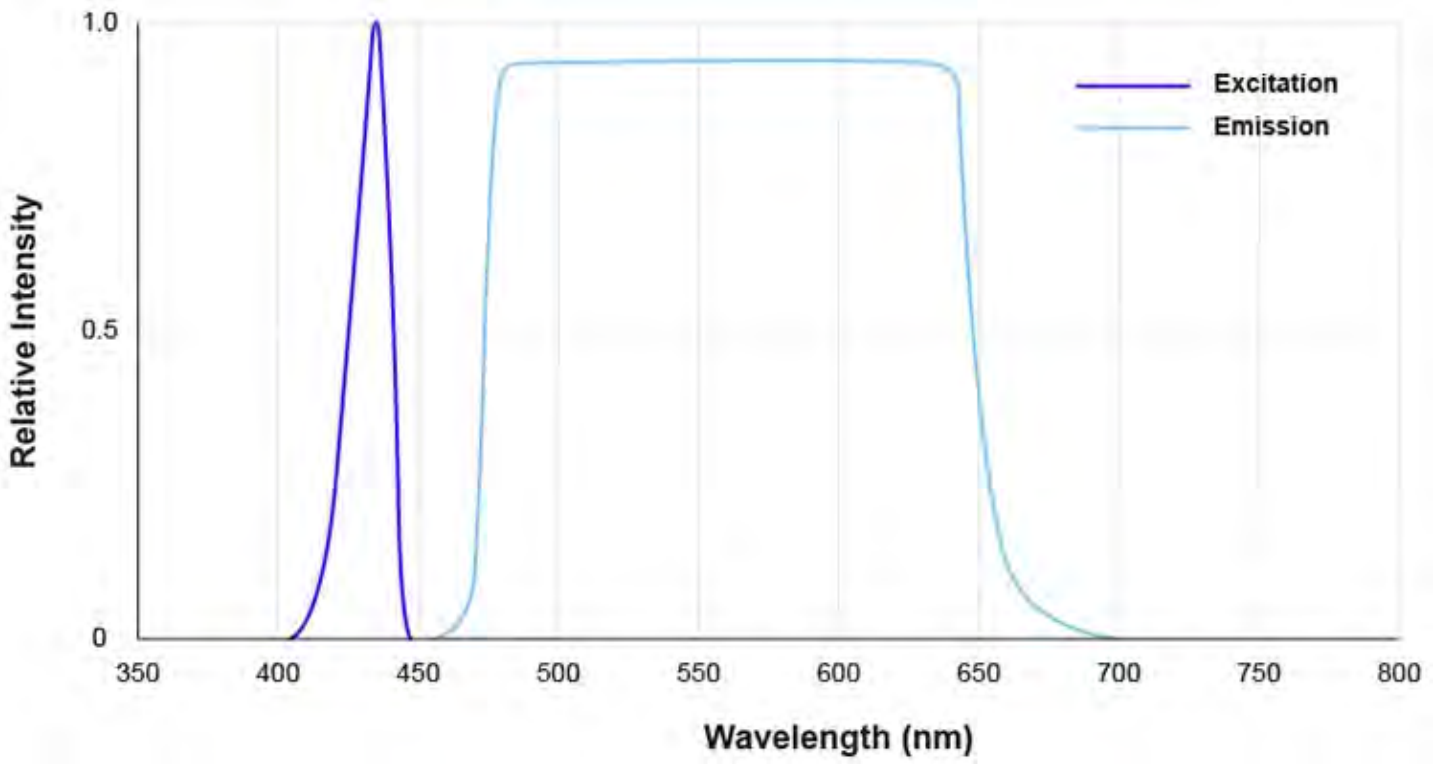
AM4117MT-BFCW

435nm LEDs for Blue to Red Fluorescence

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

Detect a variety of fluorescence emissions with the AM4117MT-BFCW high sensitivity, 10x – 220x digital microscope. This Edge^{PLUS} scope has a 435 nm excitation light and provides clear images of samples labeled with fluorescent probes such as eCFP, Alexa Fluor 430, and Fura Red, making it ideal for applications in research, medical diagnostics, and forensics.

The AM4117MT-BFCW has the capability of switching the light source from the excitation lights to a single white LED which provides the convenience of locating and focusing on the object (the image will remain tinted the color of the emission filter). Switch back to the main lighting for capturing fluorescent objects. Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220

Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3
Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS} Series

AM4117MT-CFVW

400nm LEDs for Cyan Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

The AM4117MT-CFVW Edge^{PLUS} handheld digital microscope comes with built in near UV-fluorescent LED's that cleverly integrates special 400nm LED excitation lights and a high-pass type emission filter that cuts off at 430nm into a Dino-Lite digital microscope. This model is great for research with cyan, CFP, and a wide range of fluorescence.

The AM4117MT-CFVW comes with a high quality 1.3 megapixel sensor which allows users to examine object with the greatest of details. With this model, the user can view objects at various magnifications depending of distance, with a maximum magnification over 200x under UV-fluorescent light. Includes both USB-A and USB-C cables.

Related Article: Dino-Lite LED wavelength information

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

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

Magnification & Working Distance Chart

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

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4117MT-DFRW

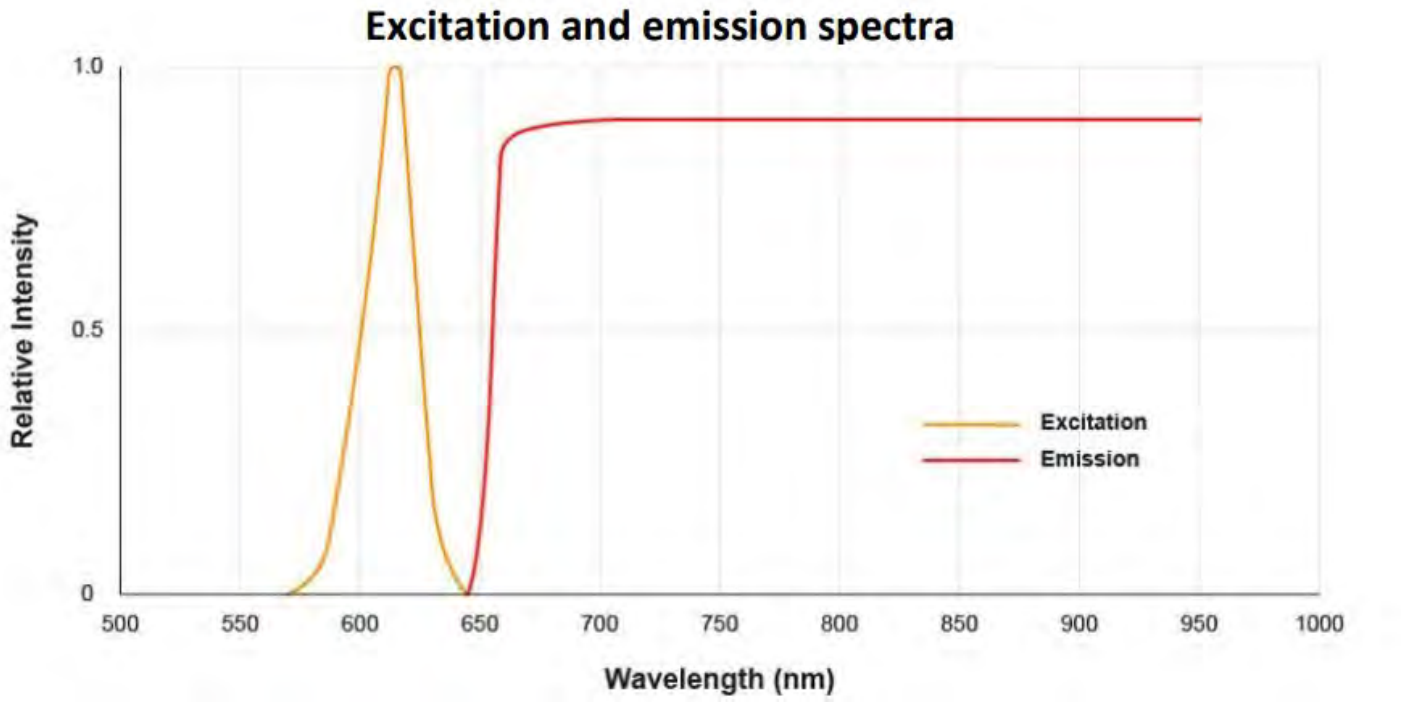
620nm LEDs for Deep Red Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

For many biological related studies, the deep-red fluorescence probes are often chosen for observing subsurface layers of tissue. With a 620nm excitation light and a 655nm high-pass emission filter, the AM4117MT-DFRW digital microscope is designed for viewing ds Red fluorescent protein, deep-red or NIR fluorescent probes.

Deep red and NIR wavelengths are beneficial to reduce photodamage and autofluorescence background noise, as well as to perform deep tissue imaging.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3

Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4117MT-G2FBW

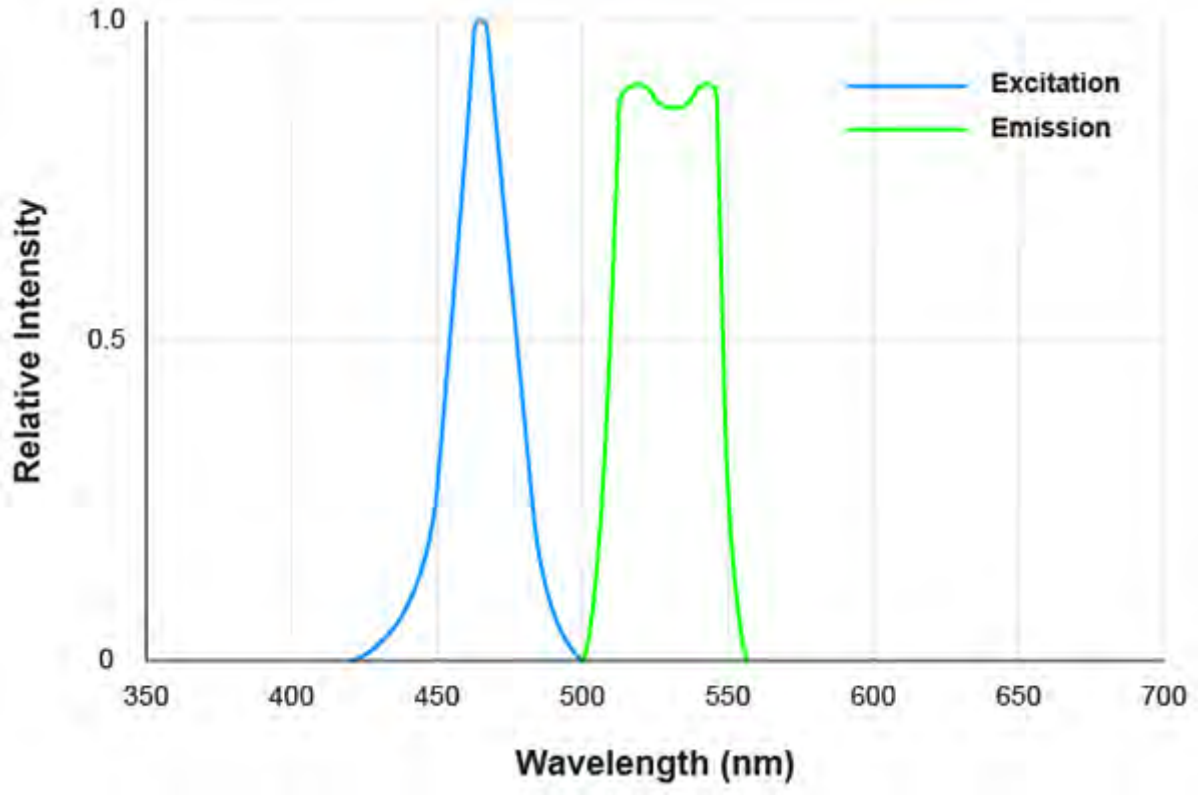
465nm LEDs for Green Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

AM4117MT-G2FBW is the ideal solution for the selective isolation and observation of samples with green fluorescence using 465nm excitation light and a 510-545nm emission bandpass filter range. The high sensitivity sensor is especially useful for detecting low levels of fluorescence emissions. The 510-545nm emission bandpass filter blocks all non-green spectral emissions and selectively isolates the green spectral regions for unobstructed observations of green fluorescence emissions and useful for GFP applications such as Zebrafish research and also mCherry. The AM4117MT-G2FBW is effective in finding semiconductor defects and cracks in test plates with fluorescent penetrants.

This model has the capability of switching the light source from the excitation lights to a single white LED which provides the convenience of locating and focusing on the object (the image will remain tinted the color of the emission filter). Switch back to the main lighting for capturing fluorescent objects.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3
Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4117MT-RFYW

575nm LEDs for Red Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

The Dino-Lite EdgePLUS AM4117MT-RFYW digital microscope is a unique handheld portable microscope that utilizes high intensity yellow LED's for its excitation light source with a 610nm emission filter that is designed for observation of red fluorescence (RFP), mainly mCherry, visualizing small blood or lymphatic vessels of an organ in microangiography analysis.

The image quality obtained with the Dino-Lite is comparable or superior to some traditional fluorescence microscope, but much less to difficult obtain and maintain. It is equipped with a 1.3 megapixel sensor and utilizes a rotatable magnification dial with a range of 20x – 220x depending of working distance with a scroll lock feature for assuring desired set magnification/ focus distance. There is also a white LED light switchable by included software for aid in focus and location. The Dino-Lite EdgePLUS AM4117MT-RFYW provides a valuable price per performance tool for researchers or users interested in observing red fluorescent specimens.

Includes both USB-A and USB-C cables.

Related Article: Dino-Lite LED wavelength information

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

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3
Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

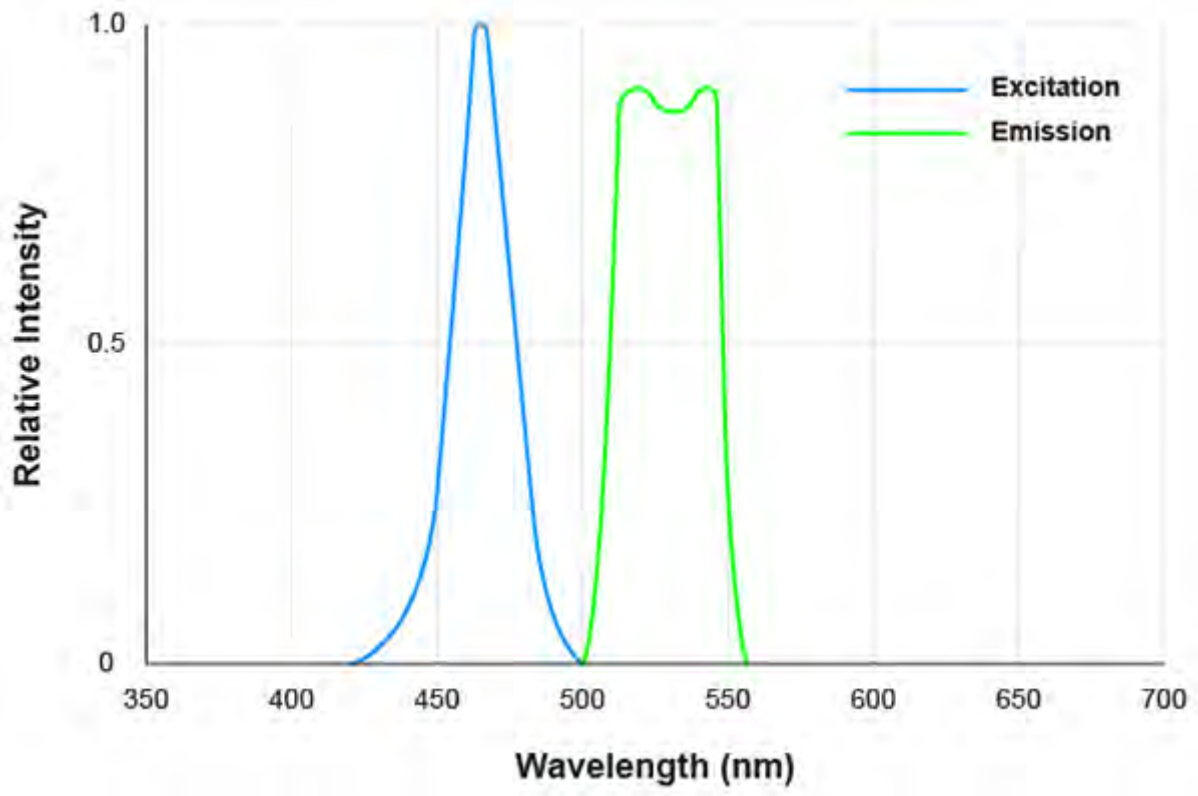
AM4117MTW-G2FBW

465nm LEDs for Green Fluorescence & Wide FOV

Equipped with a 465 nm excitation light and a 510-545 nm emission filter, AM4117MTW-G2FBW wide field of view digital microscope provides clear and crisp images during macro and micro examinations of samples emitting green fluorescence signals and useful for GFP applications such as Zebrafish research and also mCherry. The AM4117MTW-G2FBW is effective in finding semiconductor defects and cracks in test plates with fluorescent penetrants.

This model has the capability of switching the light source from the excitation lights to a single white LED which provides the convenience of locating and focusing on the object (the image will remain tinted the color of the emission filter). Switch back to the main lighting for capturing fluorescent objects.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi

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

Magnification & Working Distance Chart

Magnification	T	50	40	30	20	15	W	30	20	15	10	5
Working Distance	T	14	42	64	119	182	W	11	25	39	68	156

Field of View	T	8 x 6	10 x 7	13 x 10	20 x 15	26 x 20	W	13 x 10	20 x 15	26 x 20	39 x 29	78 x 59
Depth of Field	T	3	5	9	21	39	W	6	13	22	51	250

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

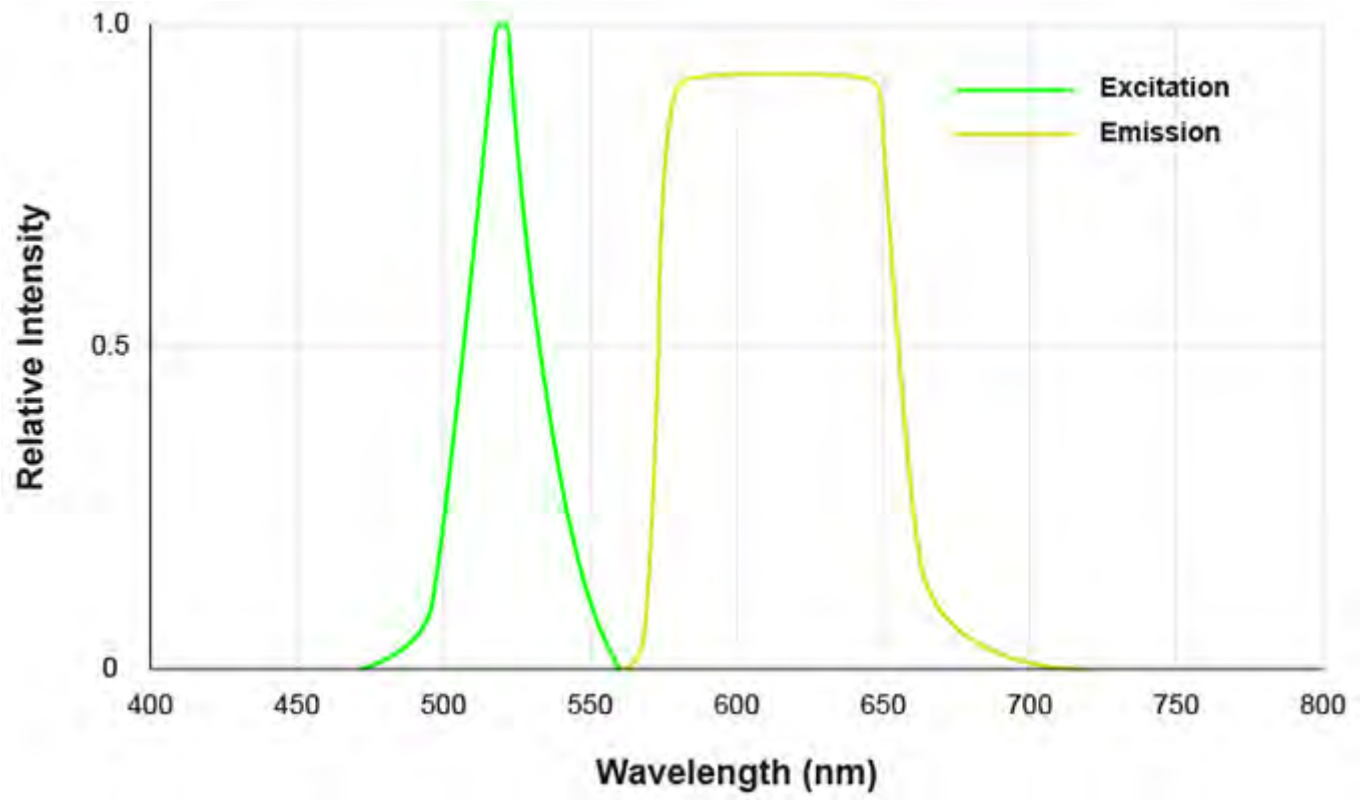
AM4117MT-YFGW

520nm LEDs for Orange to Red Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

With AM4117MT-YFGW high sensitivity digital microscope, users can detect fluorescence emissions of probes attached to analytes and tissue. AM4117MT-YFGW 520nm excitation light and a 570-650nm bandpass emission filter is ideal for OFP, RFP, DsRed, YFP, and can be used in biological and chemical research, as well as medical microscopy.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3

Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4117MZTW

eFLC, Polarizer & Wide FOV

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

Get clear and crisp images during micro- and macro- observations with 1.3MP EdgePLUS AM4117MZTW wide field of view microscope. AM4117MZTW is a 10x – 50x magnification range microscope with a high sensitivity sensor that acquires high quality images in its normal and wide field of view.
Includes both USB-A and USB-C cables.

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

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

Magnification & Working Distance Chart

Magnification	T	50	40	30	20	15	W	30	20	15	10	5
Working Distance	T	14	42	64	119	182	W	11	25	39	68	156
Field of View	T	8 x 6	10 x 7	13 x 10	20 x 15	26 x 20	W	13 x 10	20 x 15	26 x 20	39 x 29	78 x 59
Depth of Field	T	3	5	9	21	39	W	6	13	22	51	250

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT8A

1.3MP with eFLC, AXI, AMR & High Mag

With a built-in coaxial light, EdgePLUS AM4517MT8A (700x-900x) is a high-sensitivity digital microscope that provides clear and high contrast images of highly reflective surfaces. AM4517MT8A can switch between coaxial-brightfield and darkfield illumination for the effective viewing of edges, pores, dents, scratches, and other topographical features.

Includes both USB-A and USB-C cables.

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^{PLUS}

AM4517MT-BFCW

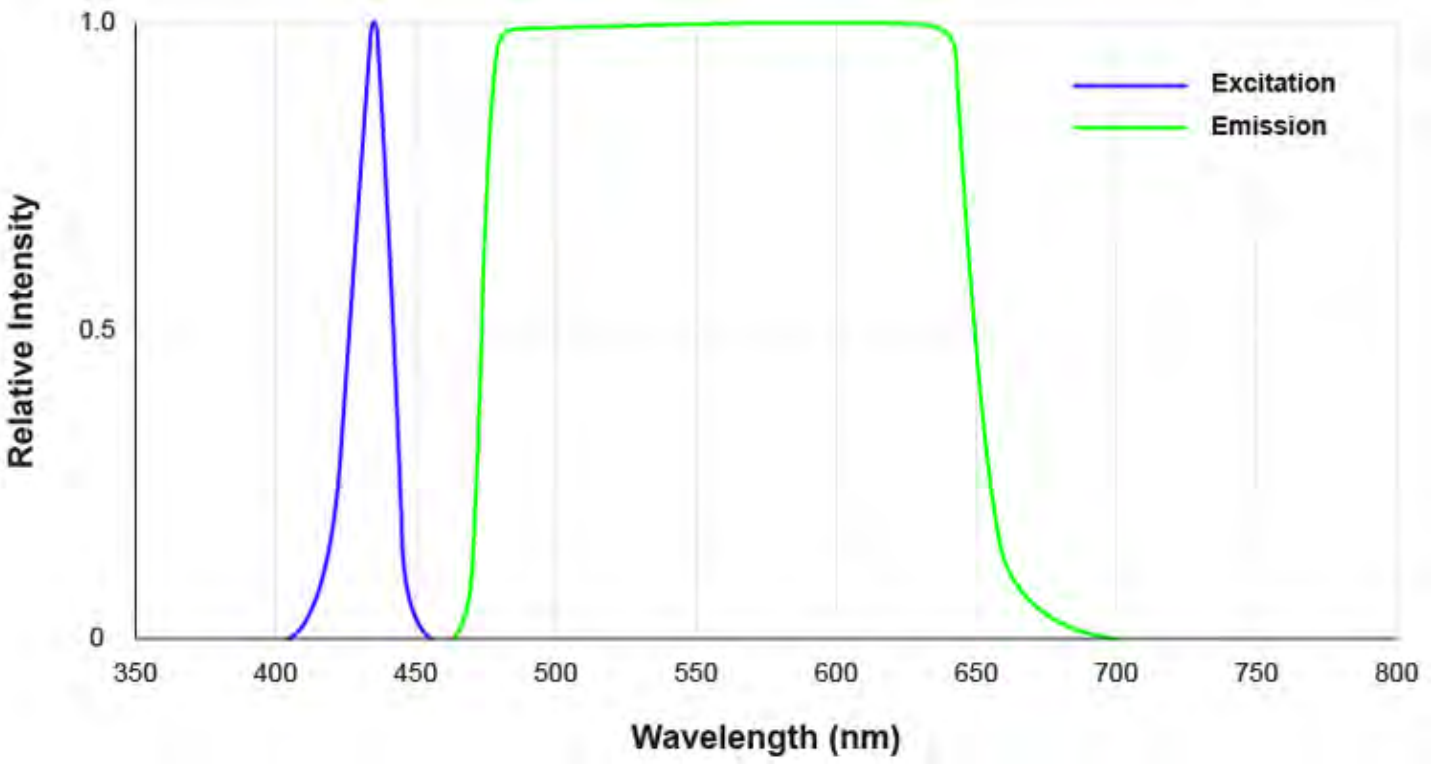
435nm LEDs for Blue to Red Fluorescence

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

Detect a variety of fluorescence emissions with the AM4517MT-BFCW high sensitivity, 10x – 220x digital microscope. This Edge^{PLUS} scope has a 435nm excitation light and 475nm ~ 650nm emission filter, providing clear images of samples labeled with fluorescent probes such as eCFP, Alexa Fluor 430, and Fura Red, making it ideal for applications in research, medical diagnostics, and forensics.

The AM4517MT-BFCW has the capability of switching the light source from the excitation lights to a single white LED which provides the convenience of locating and focusing on the object (the image will remain tinted the color of the emission filter). Switch back to the main lighting for capturing fluorescent objects. This model also includes AMR to aid in measurements.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220

Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3
Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT-CFVW

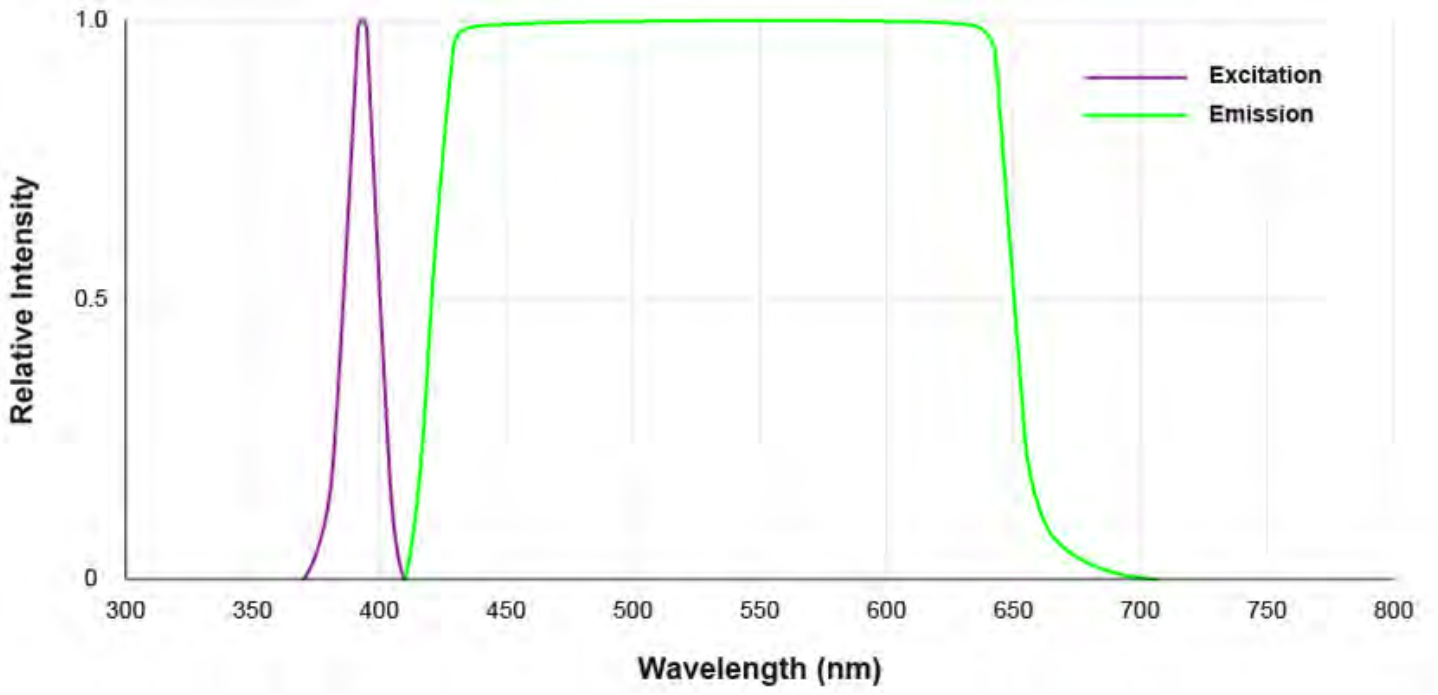
400nm LEDs for Cyan Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

Detect a range of fluorophores from cyan to red with the AM4517MT-CFVW Edge^{PLUS} high-sensitivity digital microscope. Using 400 nm excitation lights and a 420nm ~ 650nm emission filter, this model is suitable for a wide range of probes such as Hoechst 33342, GFP, and Alexa Fluor 405.

The AM4517MT-CFVW comes with the high quality Edge^{PLUS} 1.3MP sensor, which allows users to examine objects with the greatest of details. A white LED is provided to ease locating or focusing the target before switching to
fluorescence imaging. This model features AMR to aid with measurements.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.8	33.1	20.5	13.4	9.2	6.7	5.1	4.1	3.7	4.5	5.2	9.4	10.5	11.5

Field of View	19.53 x 14.65	13.02 x 9.77	9.77 x 7.32	7.81 x 5.86	6.51 x 4.88	5.58 x 4.19	4.88 x 3.66	4.34 x 3.26	3.91 x 2.93	2.79 x 2.09	2.6 x 1.95	1.95 x 1.46	1.86 x 1.4	1.78 x 1.33
Depth of Field	7.05	3.36	2.02	1.38	1.01	0.79	0.64	0.53	0.45	0.27	0.25	0.16	0.15	0.14

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT-DFRW

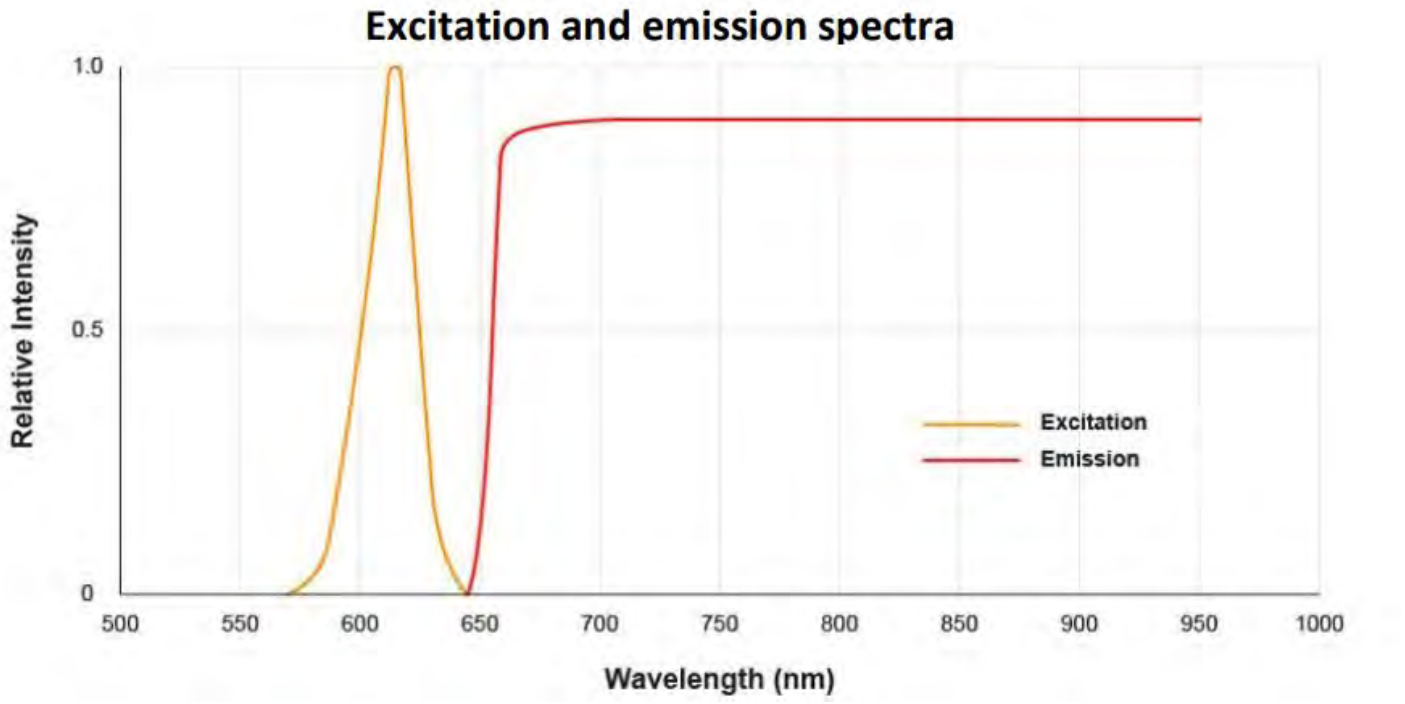
620nm LEDs for Deep Red Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

For many biological related studies, the deep-red fluorescence probes are often chosen for observing subsurface layers of tissue. With a 620nm excitation light and a 655~950nm high-pass emission filter, the AM4517MT-DFRW digital microscope is designed for viewing ds Red fluorescent protein, deep-red or NIR fluorescent probes.

Deep red and NIR wavelengths are beneficial to reduce photodamage and autofluorescence background noise, as well as to perform deep tissue imaging.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.8	33.1	20.5	13.4	9.2	6.7	5.1	4.1	3.7	4.5	5.2	9.4	10.5	11.5

Field of View	19.53 x 14.65	13.02 x 9.77	9.77 x 7.32	7.81 x 5.86	6.51 x 4.88	5.58 x 4.19	4.88 x 3.66	4.34 x 3.26	3.91 x 2.93	2.79 x 2.09	2.6 x 1.95	1.95 x 1.46	1.86 x 1.4	1.78 x 1.33
Depth of Field	7.05	3.36	2.02	1.38	1.01	0.79	0.64	0.53	0.45	0.27	0.25	0.16	0.15	0.14

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT-FUW

Dual 375nm UV and White LEDs

The official magnification range of this microscope is 10x to 220x, some models can even focus below 5x. Please contact us for more information.

The EdgePLUS provides a high sensitivity sensor especially useful for detecting low levels of UV emission. Equipped with a 375 nm UV light and a switchable white light, the Edge^{Plus} AM4517MT-FUW high sensitivity digital microscope enhances UV features of paintings, trace evidence, and security print documents.

Includes both USB-A and USB-C cables.

Related links:

- LED wavelength information

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

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3
Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT-G2FBW

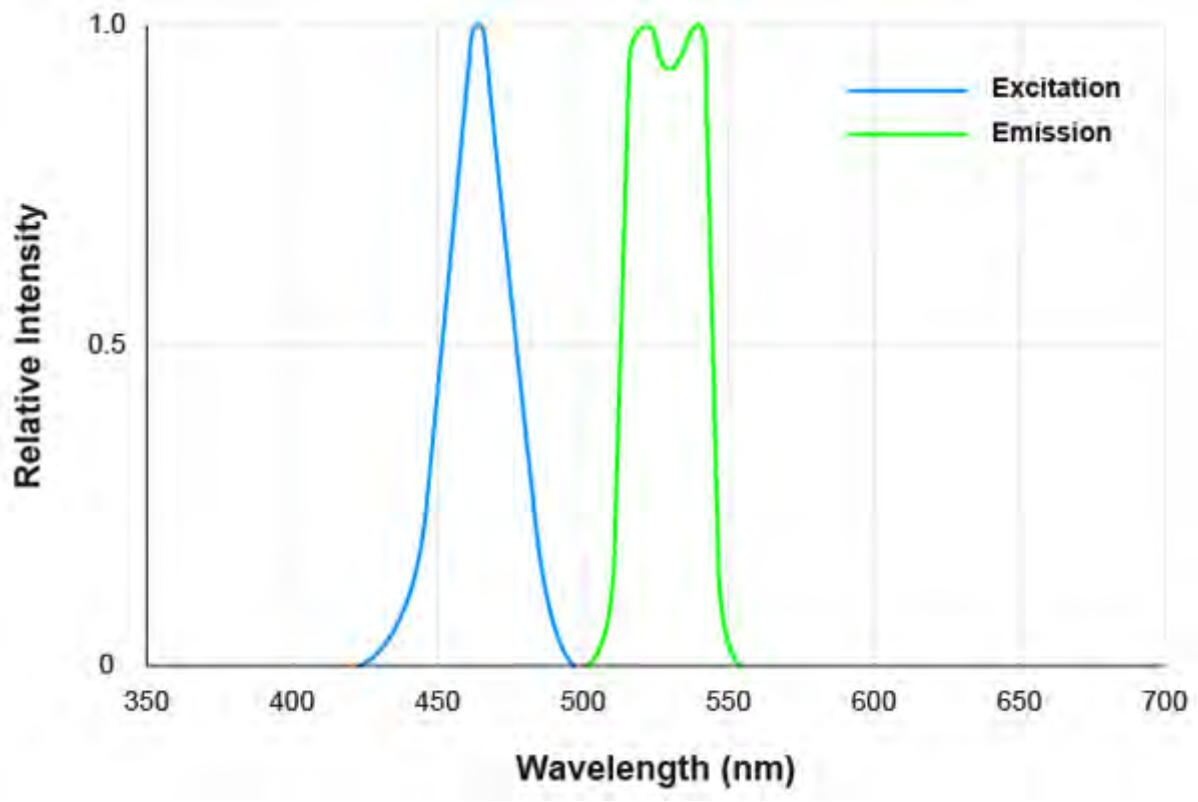
465nm LEDs for Green Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

AM4517MT-G2FBW is the ideal solution for the selective isolation and observation of samples with green fluorescence using 465nm excitation light and a 510-545nm emission filter suitable for capturing emissions from fluorescent probes such as GFP, FITC, and YFP. The high sensitivity sensor is especially useful for detecting low levels of fluorescence emissions. The AM4517MT-G2FBW is effective in finding semiconductor defects and cracks in test plates with fluorescent penetrants.

This model has the capability of switching the light source from the excitation lights to a single white LED which provides the convenience of locating and focusing on the object (the image will remain tinted the color of the emission filter). Switch back to the main lighting for capturing fluorescent objects.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220

Working Distance	59.8	33.1	20.5	13.4	9.2	6.7	5.1	4.1	3.7	4.5	5.2	9.4	10.5	11.5
Field of View	19.53 x 14.65	13.02 x 9.77	9.77 x 7.32	7.81 x 5.86	6.51 x 4.88	5.58 x 4.19	4.88 x 3.66	4.34 x 3.26	3.91 x 2.93	2.79 x 2.09	2.6 x 1.95	1.95 x 1.46	1.86 x 1.4	1.78 x 1.33
Depth of Field	7.05	3.36	2.02	1.38	1.01	0.79	0.64	0.53	0.45	0.27	0.25	0.16	0.15	0.14

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT-GRFBY

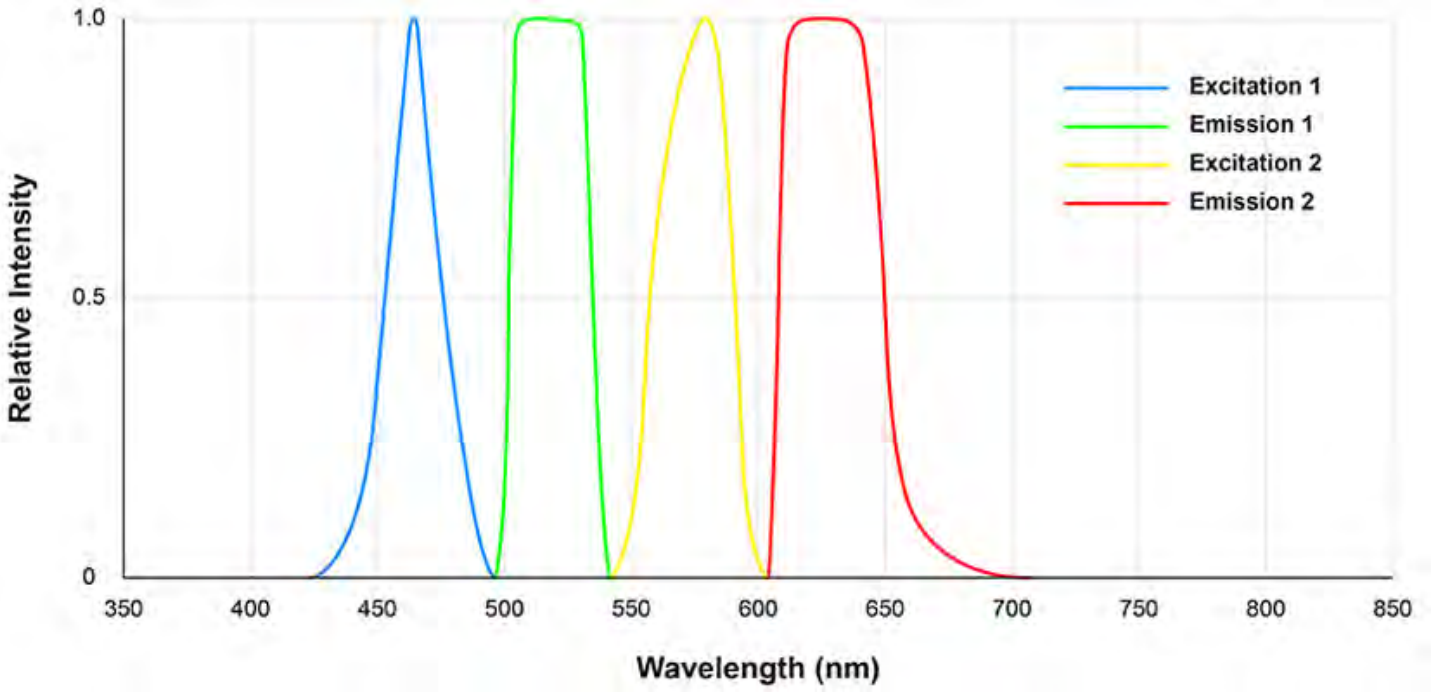
Dual 465nm and 580nm LEDs for Green/Red Fluorescence

The official magnification range of this microscope is 10x to 220x, some models can even focus below 5x. Please contact us for more information.

The EdgePLUS AM4517MT-GRFBY provides a high sensitivity sensor especially useful for detecting low levels of emission. This model is optimized for research and viewing fluorescent objects using 2 different sets of LED's, 4 Blue LEDs at an excitation of 465nm and 4 Yellow LEDs at an excitation of 580nm which are switchable through the software, and 505-535nm / 610-650nm dual band emission filter.

The AM4517MT-GRFBY was designed for applications in which GFP and RFP such as mCherry are being used in the same specimen, eliminating the need to switch microscopes and/or lighting and filters but also effective in dsRed applications. Green fluorescent objects pop out under this handheld microscope and you can clearly see its green glow.

Includes both USB-A and USB-C cables.



Related links:

- LED wavelength information

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220

Working Distance	59.8	33.1	20.5	13.4	9.2	6.7	5.1	4.1	3.7	4.5	5.2	9.4	10.5	11.5
Field of View	19.53 x 14.65	13.02 x 9.77	9.77 x 7.32	7.81 x 5.86	6.51 x 4.88	5.58 x 4.19	4.88 x 3.66	4.34 x 3.26	3.91 x 2.93	2.79 x 2.09	2.6 x 1.95	1.95 x 1.46	1.86 x 1.4	1.78 x 1.33
Depth of Field	7.05	3.36	2.02	1.38	1.01	0.79	0.64	0.53	0.45	0.27	0.25	0.16	0.15	0.14

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT-RFCW

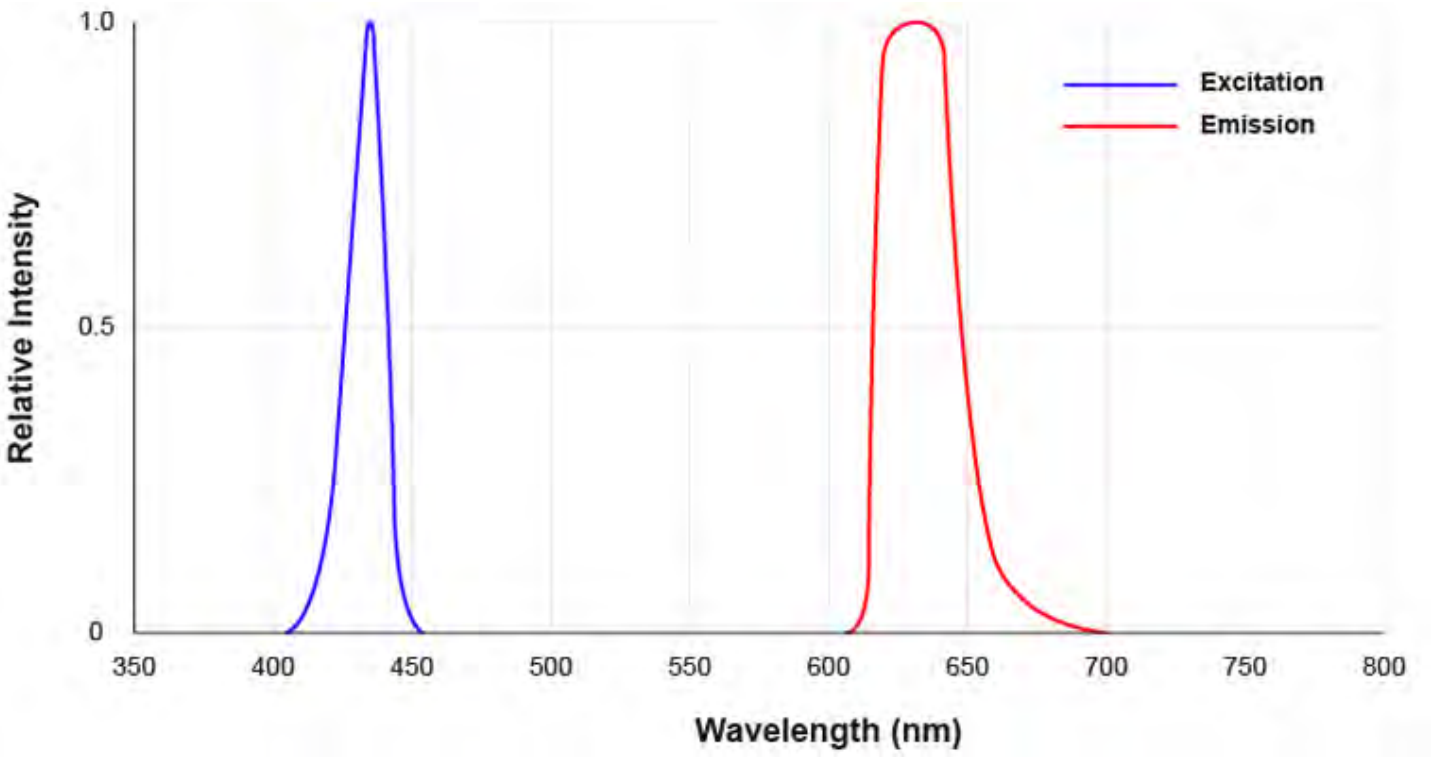
435nm LEDs for Red Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

Detect red fluorescence emissions with the AM4517MT-RFCW high sensitivity 10x ~ 220x digital microscope. The high-intensity 435 nm (λpeak) excitation lights and the 615 nm ~ 650 nm band-pass emission filter enable the detection of red fluorescence probes with a large Stokes shifts. Some fluorescence probe include mKeima, FuraRed, and LSSmKate1. The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

The white LED light switchable with the included software helps aid in focus and finding the desired viewing location. This model also includes AMR to aid with measurements. The Dino-Lite Edge^{PLUS} AM4517MT-RFCW provides a valuable price per performance tool for researchers or users interested in observing red fluorescent specimens.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220

Working Distance	59.8	33.1	20.5	13.4	9.2	6.7	5.1	4.1	3.7	4.5	5.2	9.4	10.5	11.5
Field of View	19.53 x 14.65	13.02 x 9.77	9.77 x 7.32	7.81 x 5.86	6.51 x 4.88	5.58 x 4.19	4.88 x 3.66	4.34 x 3.26	3.91 x 2.93	2.79 x 2.09	2.6 x 1.95	1.95 x 1.46	1.86 x 1.4	1.78 x 1.33
Depth of Field	7.05	3.36	2.02	1.38	1.01	0.79	0.64	0.53	0.45	0.27	0.25	0.16	0.15	0.14

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT-RFYW

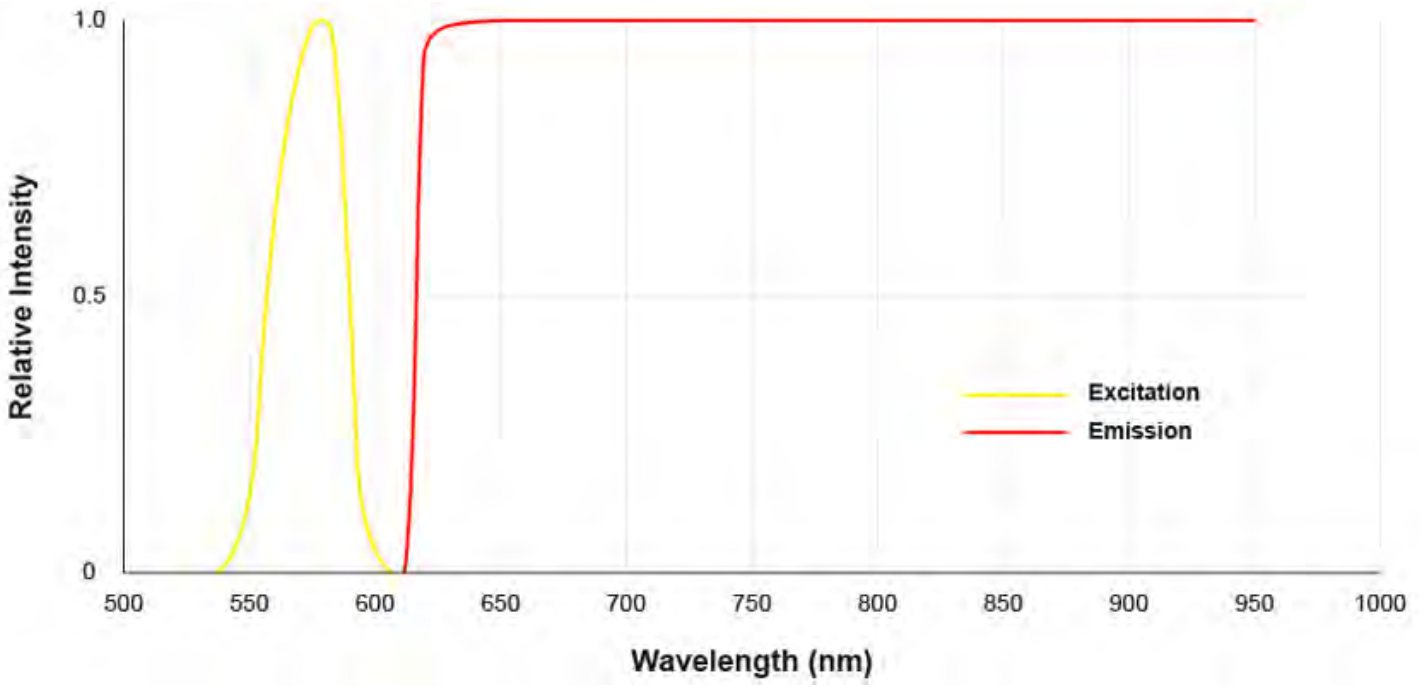
575nm LEDs for Red Fluorescence

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

Detect red fluorescence emissions with the AM4517MT-RFYW high sensitivity 10x ~ 220x digital microscope. The high-intensity 575 nm (λpeak) excitation lights and the 615 nm ~ 650 nm band-pass emission filter enable the detection of a broad range of red fluorescence probes. Obtain clear images of samples labeled with fluorescent probes such as mRFP, mCherry, and Alexa Fluor 594, making it ideal for applications in research, medical diagnostics, and forensics. The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

The white LED light switchable with the included software helps aid in focus and finding the desired viewing location. This model also includes AMR to aid with measurements. The Dino-Lite Edge^{PLUS} AM4517MT-RFYW provides a valuable price per performance tool for researchers or users interested in observing red fluorescent specimens.

Includes both USB-A and USB-C cables.



Related Article: Dino-Lite LED wavelength information

Measurement & Calibration	Yes	Connection Type	USB 2.0, Wi-Fi

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.8	33.1	20.5	13.4	9.2	6.7	5.1	4.1	3.7	4.5	5.2	9.4	10.5	11.5

Field of View	19.53 x 14.65	13.02 x 9.77	9.77 x 7.32	7.81 x 5.86	6.51 x 4.88	5.58 x 4.19	4.88 x 3.66	4.34 x 3.26	3.91 x 2.93	2.79 x 2.09	2.6 x 1.95	1.95 x 1.46	1.86 x 1.4	1.78 x 1.33
Depth of Field	7.05	3.36	2.02	1.38	1.01	0.79	0.64	0.53	0.45	0.27	0.25	0.16	0.15	0.14

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MT-YFGW

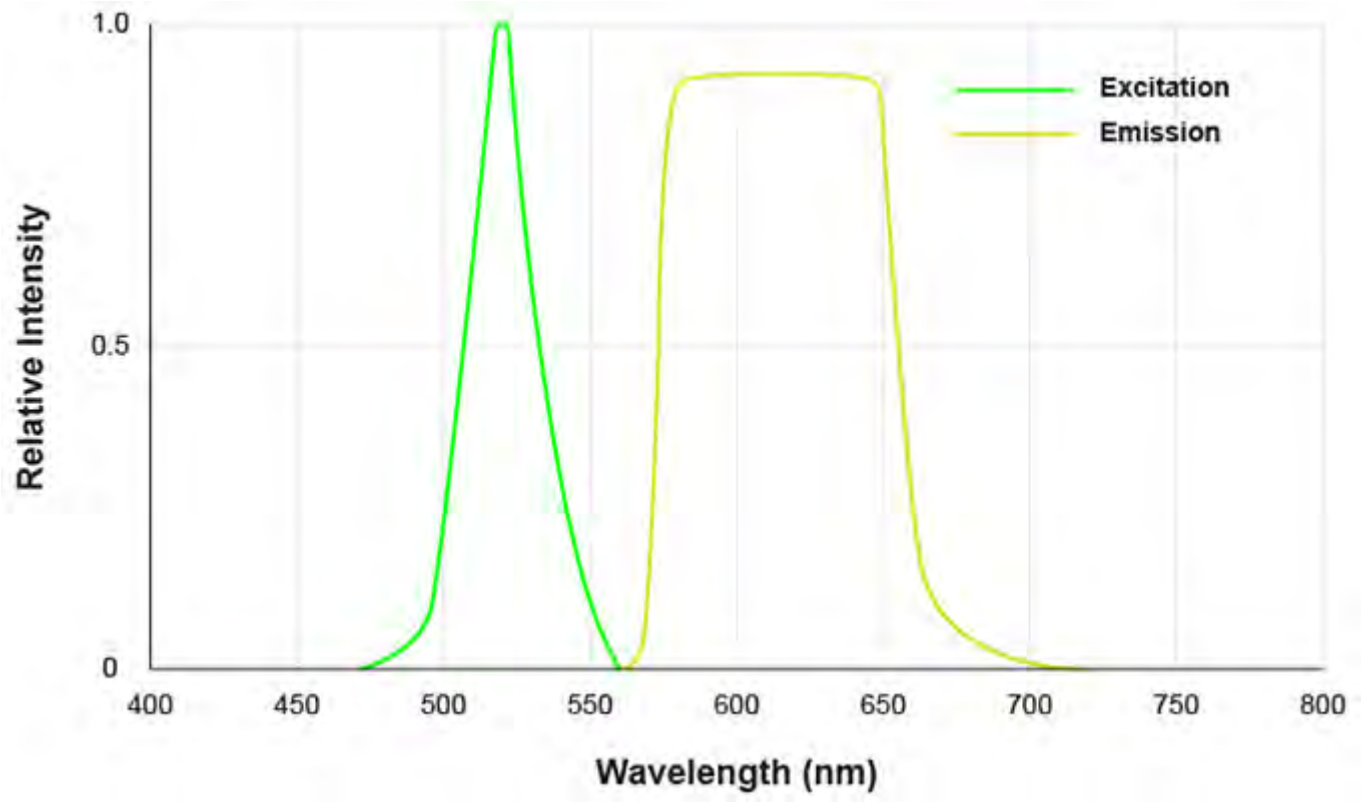
570nm ~ 650nm LEDs for Green-Yellow to Red Fluorescence

The official magnification range of this microscope is 10x to 220x, some models can even focus below 5x. Please contact us for more information.

The Edge^{PLUS} AM4517MT-YFGW provides a high sensitivity sensor, especially useful for detecting low levels of emission. Detect green-yellow to red fluorescence emissions with the AM4517MT-YFGW high-sensitivity 10x ~ 220x digital microscope. The high-intensity 520 nm(λpeak) excitation lights and the 570 nm ~ 650 nm emission filter enable the detection of a variety of green-yellow or red fluorescence probes such as EYFP, mCherry, and Alexa Fluor 594.

A white LED is provided to ease locating or focusing the target before switching to fluorescence imaging. Affected by the emission filter, the image color tone will differ from standard white light imaging. This model also includes AMR to ease measurements.

Includes both USB-A and USB-C cables.



Related links:

- LED wavelength information

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220

Working Distance	59.8	33.1	20.5	13.4	9.2	6.7	5.1	4.1	3.7	4.5	5.2	9.4	10.5	11.5
Field of View	19.53 x 14.65	13.02 x 9.77	9.77 x 7.32	7.81 x 5.86	6.51 x 4.88	5.58 x 4.19	4.88 x 3.66	4.34 x 3.26	3.91 x 2.93	2.79 x 2.09	2.6 x 1.95	1.95 x 1.46	1.86 x 1.4	1.78 x 1.33
Depth of Field	7.05	3.36	2.02	1.38	1.01	0.79	0.64	0.53	0.45	0.27	0.25	0.16	0.15	0.14

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MZT

eFLC, AMR & Polarizer

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

Dino-Lite Edge^{PLUS} raises performance and quality to new heights in terms of color fidelity, frame rate, and low-light performance. Combining the latest in EdgePLUS technology with FLC and AMR features make the AM4517MZT the right choice through a wide range of applications.

Flexible Lighting Control provides lighting adjustment options including intensity settings from 1-6, as well as the ability to turn on or off LED's by quadrant.

AMR displays the current magnification on screen with the included software for Windows or Mac OS. AMR is only available on specific Edge Series AMR models. Automatic Magnification Reading (AMR) removes the hassle of stopping your work to check the magnification before performing a measurement.

Polarization can be switched on/off or can be adjusted to offer full or half polarization for controlling glare.

Combining the latest in Edge^{PLUS} technology with FLC and AMR features make the AM4517MZT the right choice through a wide range of applications. Includes both USB-A and USB-C cables.

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

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

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	140	150	200	210	220
Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3
Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4517MZTL

eFLC, AMR, Polarizer & Long WD

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

Dino-Lite Edge^{PLUS} raises performance and quality to new heights in terms of color fidelity, frame rate, and low-light performance with Long Working Distance. Combining the latest in Edge^{PLUS} technology with FLC and AMR features make the AM4517MZTL the right choice through a wide range of applications with a magnification range of 10x – 140x. Flexible Lighting Control provides lighting adjustment options including intensity settings from 1-6, as well as the ability to turn on or off LED's by quadrant.

Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-levels light intensity adjustments. eFLC is available for AM4517MZTL(R10) only.

AMR displays the current magnification on screen with the included software for Windows or Mac OS. AMR is only available on specific Edge Series AMR models. Automatic Magnification Reading (AMR) removes the hassle of stopping your work to check the magnification before performing a measurement. Polarization can be switched on/off or can be adjusted to offer full or half polarization for controlling glare.

Includes both USB-A and USB-C cables.

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

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

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	237.6	115	75.4	56.7	46.4	40.1	36.3	34	32.6	31.9	31.7	31.9	32.4	33.2
Field of View	39.1 x 29	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3.0 x 2.3	2.8 x 2.1
Depth of Field	24.61	6.68	3.21	1.94	1.33	0.98	0.76	0.62	0.51	0.44	0.38	0.33	0.3	0.27

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4917MT8

eFLC, AMR, EDOF, DPQ, & High Mag

At high magnifications, the thickness or roughness of targets may impede obtaining clear images. The AM4917MT8's Edge^{PLUS} high-sensitivity sensor, combined with the EDOF feature, generates high-quality focused-stacked images of targets at 800x magnification. AM4917MT8 offers DPQ, eFLC, AMR, EDR, and even a click-to-focus function to ease finding focus on a point of interest. Includes both USB-A and USB-C cables.

- 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^{PLUS}

AM4917MZT

eFLC, AMR, EDOF, DPQ & Polarizer

The official magnification range of this microscope is 10x to 220x, however, some models can even focus below 5x. Please contact us for more information.

Discover a new level of color reproducibility, image quality and clarity, and live imaging performance with Dino-Lite Edge^{PLUS} AM4917MZT. Combining all our advanced features, such as FLC, AMR, DPQ, EDOF, and EDR make AM4917MZT is an excellent choice for users with high standards.

Extended Depth of Field (EDOF) capture mode can take several pictures at different levels of focus and stack them into a clear image automatically with 1 click of the mouse. Enhancements to the Edge^{PLUS} allow for functionality that provides depth information with the AM4917 Series*

Flexible Lighting Control provides lighting adjustment options including intensity settings from 1-6, as well as the ability to turn on or off LED's by quadrant.

Automatic Magnification Reading displays the current magnification on screen with the included software for Windows or Mac OS. AMR removes the hassle of stopping your work to check the magnification before performing a measurement. Includes both USB-A and USB-C cables.

- 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	60	70	80	90	100	140	150	200	210	220
Working Distance	59.5	32.9	20.2	13.2	9	6.4	4.8	4	3.5	4.3	4.9	9.2	10.2	11.3
Field of View	19.5 x 14.7	13.0 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	2.8 x 2.1	2.6 x 2.0	2.0 x 1.5	1.9 x 1.4	1.8 x 1.3
Depth of Field	5.36	2.58	1.56	1.07	0.79	0.62	0.5	0.42	0.36	0.22	0.2	0.13	0.13	0.12

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM4917MZT4

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 400x – 470x, AM4917MZT4 Edge^{PLUS} eases focusing with its click-to-focus functionality and can generate focused-stacked images with EDOF. Delivering superior images, equipped with a polarizer, and featuring EDOF, DPQ, and EDR, AM4917MZT4 is a quality imaging tool ready for a wide range of applications. Includes both USB-A and USB-C cables.

- 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^{PLUS}

AM4917MZTL

eFLC, AMR, EDOF, DPQ, Polarizer & Long WD

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

Discover a new level of color reproducibility, image quality and clarity, and live imaging performance with Dino-Lite Edge^{PLUS} AM4917MZTL with Longer Working Distance and a magnification range of 10x – 140x. Combining all our advanced features, such as FLC, AMR, DPQ, EDOF, and EDR, AM4917MZTL is an excellent choice for users with high standards.

Extended Depth of Field (EDOF) capture mode can take several pictures at different levels of focus and stack them into a clear image automatically with 1 click of the mouse. Enhancements to the Edge^{PLUS} allow for functionality that provides depth information with the AM4917 Series*

Flexible Lighting Control provides lighting adjustment options including intensity settings from 1-6, as well as the ability to turn on or off LED's by quadrant.

Automatic Magnification Reading displays the current magnification on screen with the included software for Windows or Mac OS. AMR removes the hassle of stopping your work to check the magnification before performing a measurement.

Includes both USB-A and USB-C cables.

- How to acquire depth information with DPQ (Online Guide)
- How to acquire depth information with DPQ (PDF File)

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

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

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	237.6	115	75.4	56.7	46.4	40.1	36.3	34	32.6	31.9	31.7	31.9	32.4	33.2
Field of View	39.1 x 29	19.5 x 14.7	13 x 9.8	9.8 x 7.3	7.8 x 5.9	6.5 x 4.9	5.6 x 4.2	4.9 x 3.7	4.3 x 3.3	3.9 x 2.9	3.6 x 2.7	3.3 x 2.4	3.0 x 2.3	2.8 x 2.1
Depth of Field	24.61	6.68	3.21	1.94	1.33	0.98	0.76	0.62	0.51	0.44	0.38	0.33	0.3	0.27

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM8517MT-FUW

8MP Dual 375nm UV and White LEDs

The 8MP High Resolution 4K Dino-Lite Edge^{PLUS} AM8517MT-FUW provides a high sensitivity sensor especially useful for detecting low levels of UV emission. Equipped with a 375 nm UV light and a switchable white light, the Edge^{PLUS} AM8517MT-FUW high sensitivity digital microscope enhances UV features of paintings, trace evidence, and security print documents.

The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and enhanced image contrast at a 4K resolution of up to 3840 x 2160. To take full advantage of this aspect ratio and resolution requires the use of the DinoCapture 3.0 software. Includes both USB-A and USB-C cables.

Related links:

- LED wavelength information

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

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

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	100	150	200	220
Working Distance	142.6	59.8	33.1	20.5	13.4	3.7	5.2	9.4	11.5
Field of View	60.69 x 34.14	30.35 x 17.07	20.23 x 11.38	15.17 x 8.53	12.14 x 6.83	6.07 x 3.41	4.05 x 2.28	3.03 x 1.71	2.76 x 1.55
Depth of Field	26.15	7.05	3.36	2.02	1.38	0.45	0.25	0.16	0.14

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM8517MZT

8MP eFLC, AMR, & Polarizer

Pushing the limits of handheld digital microscopy, the 8-megapixel AM8517MZT is a high-resolution digital microscope capable of revealing the minute details of your viewing subject. The microscope also delivers outstanding color fidelity, enhancing the imaging experience with detailed and natural-looking results. Ready to perform a wide range of tasks, AM8517MZT offers a polarizer as well as AMR, and eFLC.

The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a 4K resolution of up to 3840 x 2160. To take full advantage of this aspect ratio and resolution requires the use of the DinoCapture 3.0 software. Includes both USB-A and USB-C cables.

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

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

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	100	150	200	220
Working Distance	142.6	59.8	33.1	20.5	13.4	3.7	5.2	9.4	11.5
Field of View	60.69 x 34.14	30.35 x 17.07	20.23 x 11.38	15.17 x 8.53	12.14 x 6.83	6.07 x 3.41	4.05 x 2.28	3.03 x 1.71	2.76 x 1.55
Depth of Field	26.15	7.05	3.36	2.02	1.38	0.45	0.25	0.16	0.14

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM8517MZTL

8MP eFLC, AMR, Polarizer, & Long WD

Pushing the limits of handheld digital microscopy, the 8-megapixel AM8517MZTL is a high-resolution digital microscope capable of revealing the minute details of your viewing subject with additional working distance. The microscope also delivers outstanding color fidelity, enhancing the imaging experience with detailed and natural-looking results. Ready to perform a wide range of tasks, AM8917MZTL offers a polarizer as well as AMR, and eFLC.

The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a 4K resolution of up to 3840 x 2160. To take full advantage of this aspect ratio and resolution requires the use of the DinoCapture 3.0 software. Includes both USB-A and USB-C cables.

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	238.3	115.4	75.9	57.1	46.7	40.5	36.7	34.3	32.9	32.3	32.1	32.3	32.8	33.5
Field of View	60.69 x 34.14	30.35 x 17.07	20.23 x 11.38	15.17 x 8.53	12.14 x 6.83	10.11 x 5.69	8.67 x 4.88	7.59 x 4.27	6.74 x 3.79	6.07 x 3.41	5.52 x 3.10	5.06 x 2.85	4.67 x 2.63	4.34 x 2.44
Depth of Field	25.99	6.94	3.29	2	1.42	1.09	0.87	0.72	0.62	0.53	0.47	0.42	0.38	0.35

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM8917MT8A

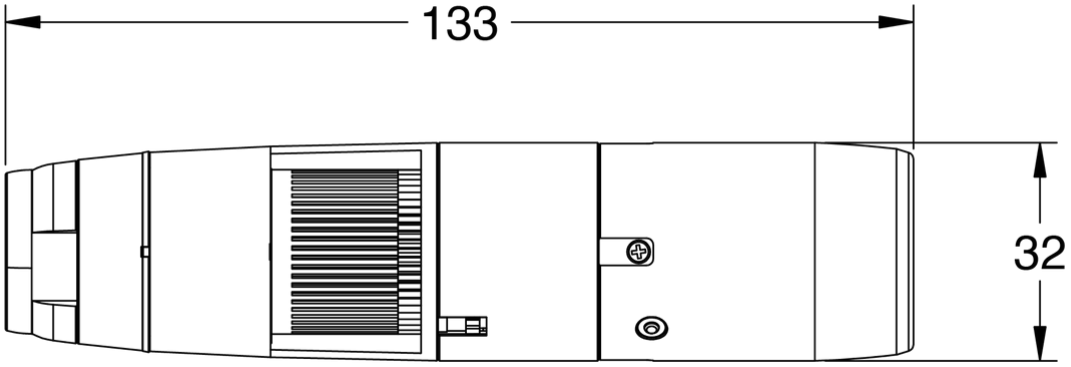
8MP with AXI, eFLC, AMR, EDOF, DPQ, & High Mag

With a built-in coaxial light, the 8MP EdgePLUS AM8917MT8A (700x-900x) is a high-sensitivity digital microscope that provides clear and high contrast images of highly reflective surfaces. AM8917MT8A can switch between coaxial-brightfield and darkfield illumination for the effective viewing of edges, pores, dents, scratches, and other topographical features. This model is packed with additional features including DPQ, EDOF, EDR, AMR, and eFLC.

The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a 4K resolution of up to 3840 x 2160. To take full advantage of this aspect ratio and resolution requires the use of the DinoCapture 3.0 software.

Includes both USB-A and USB-C cables.

- 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	5.8	5.7	5.6	5.6	5.5
Field of View	0.87 x 0.49	0.81 x 0.46	0.76 x 0.43	0.71 x 0.4	0.68 x 0.38
Depth of Field	0.01	0.01	0.01	0.01	0.01

⋆ *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM8917MZT

8MP eFLC, AMR, EDOF, DPQ, & Polarizer

Pushing the limits of handheld digital microscopy, the 8-megapixel AM8917MZT is a high-resolution digital microscope capable of revealing the minute details of your viewing subject. The microscope also delivers outstanding color fidelity, enhancing the imaging experience with detailed and natural-looking results. Ready to perform a wide range of tasks, AM8917MZT offers a polarizer as well as DPQ, EDOF, EDR, AMR, and eFLC.

The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a 4K resolution of up to 3840 x 2160. To take full advantage of this aspect ratio and resolution requires the use of the DinoCapture 3.0 software.

Includes both USB-A and USB-C cables.

- How to acquire depth information with DPQ (Online Guide)
- How to acquire depth information with DPQ (PDF File)

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

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

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	100	150	200	220
Working Distance	142.6	60.1	33.6	21	14	4.3	5.8	10.0	12.1
Field of View	60.69 x 34.14	30.35 x 17.07	20.23 x 11.38	15.17 x 8.53	12.14 x 6.83	6.07 x 3.41	4.05 x 2.28	3.03 x 1.71	2.76 x 1.55
Depth of Field	26.01	7.01	3.34	2.01	1.37	0.44	0.26	0.18	0.16

* *Units shown in millimeter*

Dino-Lite Edge^{PLUS}

AM8917MZTL

8MP eFLC, AMR, EDOF, DPQ, Polarizer, & Long WD

Pushing the limits of handheld digital microscopy, the 8-megapixel AM8917MZTL is a high-resolution digital microscope capable of revealing the minute details of your viewing subject with additional working distance. The microscope also delivers outstanding color fidelity, enhancing the imaging experience with detailed and natural-looking results. Ready to perform a wide range of tasks, AM8917MZTL offers longer working distance, a polarizer as well as DPQ, EDOF, EDR, AMR, and eFLC.

The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a 4K resolution of up to 3840 x 2160. To take full advantage of this aspect ratio and resolution requires the use of the DinoCapture 3.0 software. Includes both USB-A and USB-C cables.

- How to acquire depth information with DPQ (Online Guide)
- How to acquire depth information with DPQ (PDF File)

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

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

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	237.5	115.3	75.9	57.3	47.0	40.8	36.9	34.6	33.2	32.6	32.4	32.6	33.2	33.9
Field of View	60.69 x 34.14	30.35 x 17.07	20.23 x 11.38	15.17 x 8.53	12.14 x 6.83	10.11 x 5.69	8.67 x 4.88	7.59 x 4.27	6.74 x 3.79	6.07 x 3.41	5.52 x 3.10	5.06 x 2.85	4.67 x 2.63	4.34 x 2.44
Depth of Field	25.82	6.89	3.50	2.23	1.59	1.22	0.98	0.82	0.7	0.61	0.53	0.48	0.43	0.39

* *Units shown in millimeter*

AM8117MZT

Taking image quality to the next level, the 8-megapixel AM8117MZT digital microscope delivers high resolution and color fidelity for a natural-looking and detailed imaging experience. AM8117MZT includes a polarizer for reducing unwanted reflections as well as eFLC for maximizing lighting adjustability.

High Optical Resolution

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

8.0 Megapixel

The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

Enhanced Flexible LED Control (eFLC)

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

Adjustable Polarizer

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

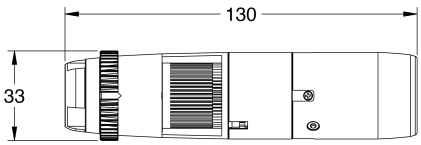
Robust Metal Housing

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	60.69	34.14	26.15
20	59.8	30.35	17.07	7.05
30	33.1	20.23	11.38	3.36
40	20.5	15.17	8.53	2.02
50	13.4	12.14	6.83	1.38
60	9.2	10.11	5.69	1.01
70	6.7	8.67	4.88	0.79
80	5.1	7.59	4.27	0.64
90	4.1	6.74	3.79	0.53
100	3.7	6.07	3.41	0.45
110	3.6	5.52	3.10	0.39
120	3.7	5.06	2.85	0.34
130	4.1	4.67	2.63	0.30
140	4.5	4.34	2.44	0.27
150	5.2	4.05	2.28	0.25
160	5.9	3.79	2.13	0.22
170	6.7	3.57	2.01	0.21
180	7.5	3.37	1.90	0.19
190	8.5	3.20	1.80	0.18
200	9.4	3.03	1.71	0.16
210	10.5	2.89	1.63	0.15
220	11.5	2.76	1.55	0.14

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

Model	AM8117MZT
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	10x ~ 220x (Edge shading occurs below 25x when previewing in 16:9 windows.)
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 33 mm (D) 
Unit Weight	Approx. 120 g

AM8117MZTL

The AM8117MZTL 8-megapixel long working distance digital microscope captures images with stunning clarity and sharpness. Its advanced sensor technology, combined with the eFLC feature and adjustable polarizer, make the AM8117MZTL a reliable tool for high-quality imaging.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

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

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

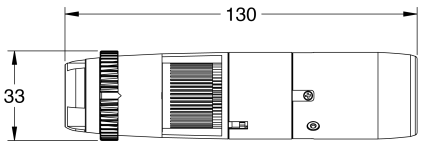
Adjustable Polarizer
The built-in adjustable polarizer removes unwanted reflection or glare from the object's surface for better contrast.

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	238.3	60.69	34.14	25.99
20	115.4	30.35	17.07	6.94
30	75.9	20.23	11.38	3.29
40	57.1	15.17	8.53	1.98
50	46.7	12.14	6.83	1.35
60	40.5	10.11	5.69	0.99
70	36.7	8.67	4.88	0.77
80	34.3	7.59	4.27	0.62
90	32.9	6.74	3.79	0.52
100	32.3	6.07	3.41	0.44
110	32.1	5.52	3.10	0.38
120	32.3	5.06	2.85	0.33
130	32.8	4.67	2.63	0.30
140	33.5	4.34	2.44	0.27

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

Model	AM8117MZTL
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	10x ~ 140x
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 33 mm (D) 
Unit Weight	Approx. 120 g

AM8517MZT

Capture vibrant and true-to-life images with the 8-megapixel Dino-Lite AM8517MZT digital microscope. Including a polarizer and featuring AMR and eFLC, AM8517MZT provides the versatility to perform a variety of tasks.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

Enhanced Flexible LED Control (eFLC)
Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-level light intensity adjustments.

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

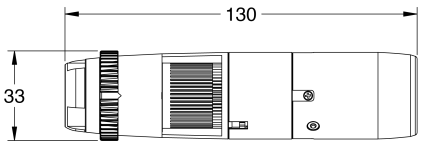
Automatic Magnification Reading (AMR)
The AMR feature automatically detects the magnification power in real-time, improving measurement efficiency, easing magnification readings, and minimizing input errors in measurement tasks.

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	60.69	34.14	26.15
20	59.8	30.35	17.07	7.05
30	33.1	20.23	11.38	3.36
40	20.5	15.17	8.53	2.02
50	13.4	12.14	6.83	1.38
60	9.2	10.11	5.69	1.01
70	6.7	8.67	4.88	0.79
80	5.1	7.59	4.27	0.64
90	4.1	6.74	3.79	0.53
100	3.7	6.07	3.41	0.45
110	3.6	5.52	3.10	0.39
120	3.7	5.06	2.85	0.34
130	4.1	4.67	2.63	0.30
140	4.5	4.34	2.44	0.27
150	5.2	4.05	2.28	0.25
160	5.9	3.79	2.13	0.22
170	6.7	3.57	2.01	0.21
180	7.5	3.37	1.90	0.19
190	8.5	3.20	1.80	0.18
200	9.4	3.03	1.71	0.16
210	10.5	2.89	1.63	0.15
220	11.5	2.76	1.55	0.14

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

Model	AM8517MZT
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	10x ~ 220x (Edge shading occurs below 25x when previewing in 16:9 windows.)
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 33 mm (D) 
Unit Weight	Approx. 120 g

AM8517MZTL

Capture stunning images with the AM8517MZTL 8-megapixel long working distance digital microscope. Engineered with a comprehensive set of features, including AMR, this model is designed to excel in both imaging and measurement-oriented tasks.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

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

Enhanced Flexible LED Control (eFLC)
Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-level light intensity adjustments.

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

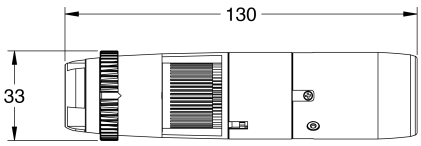
Automatic Magnification Reading (AMR)
The AMR feature automatically detects the magnification power in real-time, improving measurement efficiency, easing magnification readings, and minimizing input errors in measurement tasks.

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	238.3	60.69	34.14	25.99
20	115.4	30.35	17.07	6.94
30	75.9	20.23	11.38	3.29
40	57.1	15.17	8.53	2.00
50	46.7	12.14	6.83	1.42
60	40.5	10.11	5.69	1.09
70	36.7	8.67	4.88	0.87
80	34.3	7.59	4.27	0.72
90	32.9	6.74	3.79	0.62
100	32.3	6.07	3.41	0.53
110	32.1	5.52	3.10	0.47
120	32.3	5.06	2.85	0.42
130	32.8	4.67	2.63	0.38
140	33.5	4.34	2.44	0.35

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

Model	AM8517MZTL
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	10x ~ 140x
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 33 mm (D) 
Unit Weight	Approx. 120 g

AM8917MZT

Pushing the limits of handheld digital microscopy, the 8-megapixel AM8917MZT is a high-resolution digital microscope capable of revealing the minute details of the target. The microscope also delivers outstanding color fidelity, enhancing the imaging experience with detailed and natural-looking results. Ready to perform a wide range of tasks, AM8917MZT offers a polarizer as well as DPQ, EDOF, EDR, AMR, and eFLC.

Note: EDOF, EDR, DPQ, and Auto/Manual Refocusing, are available on Windows PC only.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

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

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

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

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

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

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

Automatic Magnification 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.

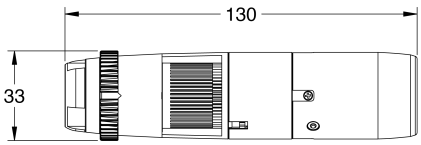
Robust Metal Housing

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	60.69	34.14	26.01
20	60.1	30.35	17.07	7.01
30	33.6	20.23	11.38	3.34
40	21.0	15.17	8.53	2.01
50	14.0	12.14	6.83	1.37
60	9.8	10.11	5.69	1.01
70	7.3	8.67	4.88	0.78
80	5.7	7.59	4.27	0.63
90	4.8	6.74	3.79	0.52
100	4.3	6.07	3.41	0.44
110	4.2	5.52	3.10	0.38
120	4.3	5.06	2.85	0.34
130	4.7	4.67	2.63	0.31
140	5.2	4.34	2.44	0.28
150	5.8	4.05	2.28	0.26
160	6.5	3.79	2.13	0.24
170	7.3	3.57	2.01	0.22
180	8.1	3.37	1.90	0.20
190	9.1	3.20	1.80	0.19
200	10.0	3.03	1.71	0.18
210	11.0	2.89	1.63	0.17
220	12.1	2.76	1.55	0.16

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

Model	AM8917MZT
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	10x ~ 220x (Edge shading occurs below 25x when previewing in 16:9 windows.)
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 33 mm (D) 
Unit Weight	Approx. 120 g

AM8917MZTL

Experience the pinnacle of handheld digital microscopy with the 8-megapixel AM8917MZTL long working distance digital microscope. With a polarizer, advanced features like EDOF, DPQ, eFLC, AMR, and EDR, and unparalleled color science and image resolution, this microscope is the ultimate tool in versatility and image quality.

Note: EDOF, EDR, DPQ, and Auto/Manual Refocusing, are available on Windows PC only.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

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

Enhanced Flexible LED Control (eFLC)
Improving FLC capabilities, eFLC can adjust the light intensity on two assigned groups of LED quadrants, each with 32-level light intensity adjustments.

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

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

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

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

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

Automatic Magnification 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.

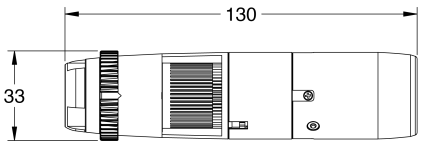
Robust Metal Housing

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	237.5	60.69	34.14	25.82
20	115.3	30.35	17.07	6.89
30	75.9	20.23	11.38	3.50
40	57.3	15.17	8.53	2.23
50	47.0	12.14	6.83	1.59
60	40.8	10.11	5.69	1.22
70	36.9	8.67	4.88	0.98
80	34.6	7.59	4.27	0.82
90	33.2	6.74	3.79	0.70
100	32.6	6.07	3.41	0.61
110	32.4	5.52	3.10	0.53
120	32.7	5.06	2.85	0.48
130	33.2	4.67	2.63	0.43
140	33.9	4.34	2.44	0.39

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

Model	AM8917MZTL
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	10x ~ 140x
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11
Saving Format	Image: DinoCapture 2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM Video: DinoCapture 2.0: WMV, FLV, SWF
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 33 mm (D) 
Unit Weight	Approx. 120 g

AM8917MZT4

Featuring EDOF for expanding the depth of field, AM8917MZT4 offers 8-megapixels of clarity at 400x ~ 470x and incorporates features like DPQ, refocus mode, AMR, eFLC, and even a polarizer for assisting professionals in high magnification tasks.

Note: EDOF, EDR, DPQ, and Auto/Manual Refocusing, are available on Windows PC only.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

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

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

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

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

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

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

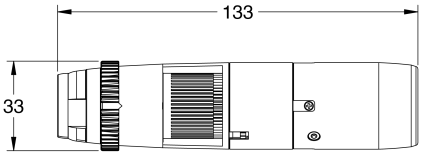
Automatic Magnification Readout (AMR)
The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.

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
400	7.2	1.52	0.85	0.04
410	8.2	1.48	0.83	0.04
420	8.6	1.44	0.81	0.04
430	8.5	1.41	0.79	0.04
440	8.5	1.38	0.78	0.04
450	8.4	1.35	0.76	0.04
460	8.4	1.32	0.74	0.04
470	8.3	1.29	0.73	0.04

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

Model	AM8917MZT4
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	400x ~ 470x
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 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	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	133 mm (H) x 33 mm (D) 
Unit Weight	Approx. 120 g

AM8917MT4A

The AM8917MT4A is a feature-packed microscope integrated with coaxial light and EDOF, answering needs for inspecting reflective surfaces and capturing all-in-focus images under 400x magnification. AM8917MT4A includes advanced features such as DPQ, EDR, AMR, and both Auto and Manual Refocusing.

Note: EDOF, EDR, DPQ, and Auto/Manual Refocusing, are available on Windows PC only.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

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.

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

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

Extended Dynamic Range (EDR)
Observing high contrast or reflective surfaces, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.

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

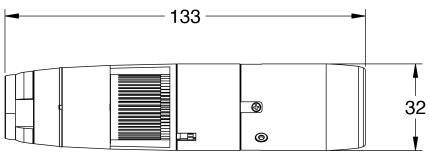
Automatic Magnification Readout (AMR)
The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.

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
415	8.6	1.46	0.82	0.04
420	8.6	1.44	0.81	0.04
430	8.5	1.41	0.79	0.04
440	8.5	1.38	0.78	0.04
450	8.4	1.35	0.76	0.04
460	8.4	1.32	0.74	0.04

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

Model	AM8917MT4A
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	415x ~ 460x
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 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	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	133 mm (H) x 32 mm (D) 
Unit Weight	Approx. 124 g

AM8917MT8

Introducing EDOF on AM8917MT8 for generating images with an extended depth of field, this 8-megapixel 700x ~ 900x digital microscope provides a clear imaging experience and is equipped with a range of tools for professional use such as DPQ, refocus mode, AMR, and eFLC.

Note: EDOF, EDR, DPQ, and Auto/Manual Refocusing, are available on Windows PC only.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

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

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

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

Extended Dynamic Range (EDR)
Observing high contrast or reflective surfaces, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.

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

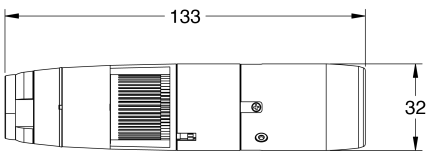
Automatic Magnification Readout (AMR)
The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.

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
700	5.8	0.87	0.49	0.01
750	5.7	0.81	0.46	0.01
800	5.6	0.76	0.43	0.01
850	5.6	0.71	0.40	0.01
900	5.5	0.68	0.38	0.01

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

Model	AM8917MT8
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	700x ~ 900x
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 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	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	133 mm (H) x 32 mm (D) 
Unit Weight	Approx. 120 g

AM8917MT8A

Equipped with coaxial light, EDOF, and many other sophisticated features, AM8917MT8A is an 800x microscope ideal for viewing reflective surfaces and delivering all-in-focus images. The AM8917MT8A includes DPQ, EDR, AMR, and Auto and Manual Refocusing.

Note: EDOF, EDR, DPQ, and Auto/Manual Refocusing, are available on Windows PC only.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

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.

Note: Edge shading may occur when previewing in 16:9 windows.

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.

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

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

Extended Dynamic Range (EDR)
Observing high contrast or reflective surfaces, the EDR can help to reveal the details of dark or bright areas by stacking images taken at different exposure levels.

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

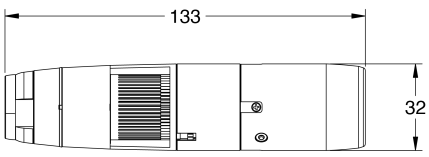
Automatic Magnification Readout (AMR)
The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.

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
700	5.8	0.87	0.49	0.01
750	5.7	0.81	0.46	0.01
800	5.6	0.76	0.43	0.01
850	5.6	0.71	0.40	0.01
900	5.5	0.68	0.38	0.01

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

Model	AM8917MT8A
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	700x ~ 900x
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 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	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	133 mm (H) x 32 mm (D) 
Unit Weight	Approx. 124 g

AM8517MT-FU

Tailored for UV microscopy, the EdgePLUS AM8517MT-FU is an 8-megapixel microscope equipped with 375 nm LEDs. With its enhanced sensitivity sensor and 32 levels of light intensity control, this microscope delivers clear and detailed imaging. AM8517MT-FU also incorporates AMR to simplify measurements and is ideal for industrial inspections, forensic analysis, counterfeit detection, and other scenarios requiring UV illumination.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels from UV to visible light.

Adjustable LED Intensity
The 375 nm UV LEDs are adjustable across 32 levels of intensity.

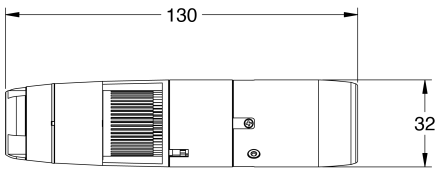
Automatic Magnification Readout (AMR)
The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.

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
20	57.5	30.35	17.07	5.94
30	31.8	20.23	11.38	2.84
40	19.7	15.17	8.53	1.71
50	13.0	12.14	6.83	1.17
60	9.0	10.11	5.69	0.86
70	6.6	8.67	4.88	0.67
80	5.2	7.59	4.27	0.54
90	4.4	6.74	3.79	0.45
100	4.0	6.07	3.41	0.38
110	4.0	5.52	3.10	0.33
120	4.3	5.06	2.85	0.29
130	4.7	4.67	2.63	0.26
140	5.3	4.34	2.44	0.23
150	6.0	4.05	2.28	0.21
160	6.8	3.79	2.13	0.19
170	7.6	3.57	2.01	0.18
180	8.6	3.37	1.90	0.16
190	9.6	3.20	1.80	0.15
200	10.6	3.03	1.71	0.14
210	11.7	2.89	1.63	0.13
220	12.8	2.76	1.55	0.12

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

Model	AM8517MT-FU
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	20x ~ 220x (Edge shading occurs below 25x when previewing in 16:9 windows.)
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 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	UV Light (375 nm), 4 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 32 mm (D) 
Unit Weight	Approx. 117 g

AM8517MT-FV

Designed for UV microscopy, the EdgePLUS AM8517MT-FV is an 8-megapixel microscope featuring 395 nm LEDs. It offers exceptional image clarity and detail thanks to its enhanced sensitivity sensor and 32 levels of light intensity control. AM8517MT-FV features AMR to simplify measurements and is perfect for industrial inspections, forensic analysis, counterfeit detection, and other applications that require UV light.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels from UV to visible light.

Adjustable LED Intensity
The 395 nm UV LEDs are adjustable across 32 levels of intensity.

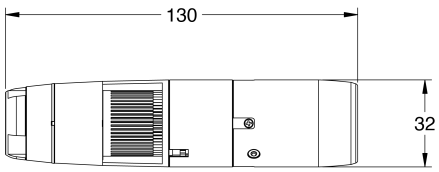
Automatic Magnification Readout (AMR)
The Automatic Magnification Readout (AMR) detects the magnification in use, eliminating manual input errors and enhancing measurement accuracy in tasks with frequent magnification adjustments.

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
20	57.5	30.35	17.07	5.94
30	31.8	20.23	11.38	2.84
40	19.7	15.17	8.53	1.71
50	13.0	12.14	6.83	1.17
60	9.0	10.11	5.69	0.86
70	6.6	8.67	4.88	0.67
80	5.2	7.59	4.27	0.54
90	4.4	6.74	3.79	0.45
100	4.0	6.07	3.41	0.38
110	4.0	5.52	3.10	0.33
120	4.3	5.06	2.85	0.29
130	4.7	4.67	2.63	0.26
140	5.3	4.34	2.44	0.23
150	6.0	4.05	2.28	0.21
160	6.8	3.79	2.13	0.19
170	7.6	3.57	2.01	0.18
180	8.6	3.37	1.90	0.16
190	9.6	3.20	1.80	0.15
200	10.6	3.03	1.71	0.14
210	11.7	2.89	1.63	0.13
220	12.8	2.76	1.55	0.12

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

Model	AM8517MT-FV
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	20x ~ 220x (Edge shading occurs below 25x when previewing in 16:9 windows.)
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 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	UV Light (375 nm), 4 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 32 mm (D) 
Unit Weight	Approx. 117 g

AM8517MT-FUW

Equipped with dual lighting, the AM8517MT-FUW 8-megapixel microscope features 375 nm LEDs for UV applications and white LEDs for high color fidelity imaging. This microscope is suitable for industrial inspections, forensic analysis, counterfeit detection, and other applications where high-quality imaging and UV lighting is required.

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

8.0 Megapixel
The 8.0-megapixel sensor captures a large field of view with a 16:9 aspect ratio and delivers natural-looking colors and enhanced image contrast at a resolution of up to 3840 x 2160.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels from UV to visible light.

Dual Lighting
The software-controlled illumination enables switching between ultraviolet and white light with 32 levels of adjustable intensity. The UV light excites specific materials or markers for visualization. The white light maintains the Edge*PLUS* acclaimed color fidelity, ensuring natural looking imaging.

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.

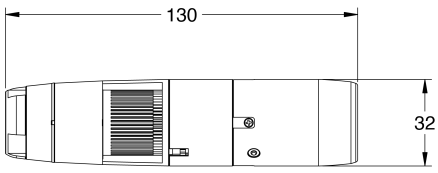
Robust Metal Housing
The anodized aluminum alloy housing offers durability and EMI shielding, effectively guarding against impacts, abrasions, and electromagnetic noise.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
20	57.5	30.35	17.07	5.94
30	31.8	20.23	11.38	2.84
40	19.7	15.17	8.53	1.71
50	13.0	12.14	6.83	1.17
60	9.0	10.11	5.69	0.86
70	6.6	8.67	4.88	0.67
80	5.2	7.59	4.27	0.54
90	4.4	6.74	3.79	0.45
100	4.0	6.07	3.41	0.38
110	4.0	5.52	3.10	0.33
120	4.3	5.06	2.85	0.29
130	4.7	4.67	2.63	0.26
140	5.3	4.34	2.44	0.23
150	6.0	4.05	2.28	0.21
160	6.8	3.79	2.13	0.19
170	7.6	3.57	2.01	0.18
180	8.6	3.37	1.90	0.16
190	9.6	3.20	1.80	0.15
200	10.6	3.03	1.71	0.14
210	11.7	2.89	1.63	0.13
220	12.8	2.76	1.55	0.12

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

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

Model	AM8517MT-FUW
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	8.0 Megapixel (3840 x 2160)
Magnification	20x ~ 220x (Edge shading occurs below 25x when previewing in 16:9 windows.)
Frame Rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
System Requirements	CPU: 2.9 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 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	UV Light (375 nm), 4 LEDs White Light, 4 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-S (Side Light Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap)
Cable Type	Type-C to Type-C cable (detachable, w/screw lock) Type-C to Type-A cable (detachable, w/screw lock)
Cable Length	Approx. 1.8 m
Unit Dimension	130 mm (H) x 32 mm (D) 
Unit Weight	Approx. 118 g

AM4117MZT

Get a detailed live image with Dino-Lite 1.3MP Edge^{PLUS} AM4117MZT. AM4117MZT is designed to provide high fidelity color reproduction with its low-light performance and flexible LED control features for observing even your target's most fine details.

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

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

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 AM4117MZT(R10) or later.

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

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

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

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

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

	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-D** / Diffuser Cap This is a translucent cap that partially softens the LED light.

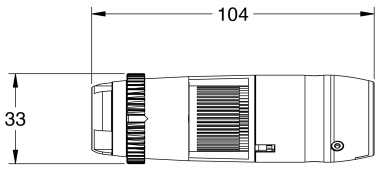
	**N3C-D2** / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	**N3C-E** / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view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

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.1	29.3	26.1
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	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	2.3	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	2.0	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	AM4117MZT Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 220x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	90g

AM4117MZTL

Get high-quality images from a distance with Dino-Lite 1.3MP Edge^{PLUS} AM4117MZTL long working distance digital microscope. Powered by Edge^{PLUS} series high sensitivity sensors, AM4117MZTL offers superior color and contrast rendering.

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

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

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

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 AM4117MZTL(R10A) or later.

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

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

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

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

Interchangeable front caps

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

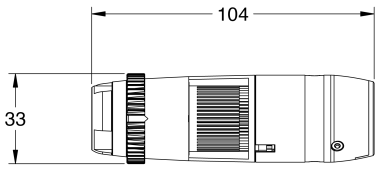
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-D** / Diffuser Cap This is a translucent cap that partially softens the LED light.
	**N3C-D2** / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	**N3C-E**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

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	237.6	39.1	29	24.61
20	115.0	19.5	14.7	6.68
30	75.4	13	9.8	3.21
40	56.7	9.8	7.3	1.94
50	46.4	7.8	5.9	1.33
60	40.1	6.5	4.9	0.98
70	36.3	5.6	4.2	0.76
80	34.0	4.9	3.7	0.62
90	32.6	4.3	3.3	0.51
100	31.9	3.9	2.9	0.44
110	31.7	3.6	2.7	0.38
120	31.9	3.3	2.4	0.33
130	32.4	3	2.3	0.3
140	33.2	2.8	2.1	0.27

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

Model	AM4117MZTL Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 140x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	130g

AM4117MZTW

Get clear and crisp images during micro and macro observations with 1.3MP Edge^{PLUS} AM4117MZTW wide field of view microscope. AM4117MZTW is a 10-50x magnification range microscope with a high sensitivity sensor that acquires high-quality images in its normal and wide field of view.

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

Wide Field of View (WFOV)
This feature is designed to provide large FOV at a reasonable working distance while keeping a crisp image for macro-view observations.

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

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 AM4117MZTW(R10) or later.

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

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

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

Interchangeable caps
The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable front caps

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

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

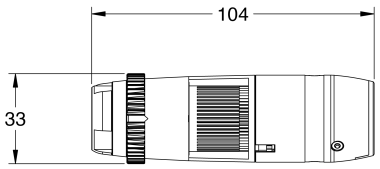
Note:
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

T Zone				
M	**WD**	**FOV (x)**	**FOV (y)**	**DOF**
50	14	8	6	3
40	42	10	7	5
30	64	13	10	9
20	119	20	15	21
15	182	26	20	39

W Zone				
M	**WD**	**FOV (x)**	**FOV (y)**	**DOF**
30	11	13	10	6
20	25	20	15	13
15	39	26	20	22
10	68	39	29	51
5	156	78	59	250

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

Model	AM4117MZTW Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 50x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	90g

AM4517MTFP

The 1.3 MP Edge^{PLUS} AM4517MTFP is an extra-long working distance microscope integrated with Aim Point Laser (APL) to ease the task of locating targets from a distance. Equipped with a high sensitivity sensor, AM4517MTFP delivers outstanding image contrast and high color fidelity with up to 70x magnification at 108mm working distance.

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

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

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

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

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

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 AM4517MTFP(R10) or later.

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

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

Interchangeable Front Caps

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

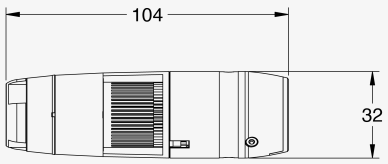
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-E** / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard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

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

Optical Data Table

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

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

Model	AM4517MTFP Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	45x ~ 70x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 7/8/10/11 Mac OS 10.14 or later
Saving Format	Image: DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope: PNG, JPEG Video: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	White Light, 8 LEDs
Laser Pointer	656nm laser diode
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	90g

AM4517MZT

Dino-Lite Edge^{PLUS} AM4517MZT raises performance and quality to new heights in terms of color fidelity, frame rate, and sensitivity. The included FLC and AMR features make AM4517MZT a hard to miss item through a wide range of applications.

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

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

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

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 AM4517MZT(R10) or later.

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

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

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

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

Interchangeable front caps

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

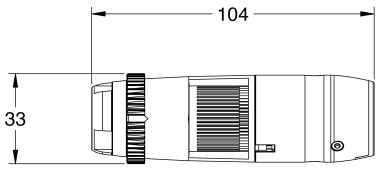
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-D** / Diffuser Cap This is a translucent cap that partially softens the LED light.
	**N3C-D2** / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	**N3C-E**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

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.1	29.3	26.1
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	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	2.3	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	2.0	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	AM4517MZT Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 220x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	90g

AM4517MZTL

Acquire superior contrast and color rendering images with Dino-Lite 1.3MP Edge*PLUS* AM4517MZTL high sensitivity and long working distance digital microscope. AM4517MZTL, AMR feature, assists users with measurement tasks by automatically inputting more accurate magnification readings in real-time.

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

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 of 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 AM4517MZTL(R10A) or later.

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

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

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

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

Interchangeable front caps

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

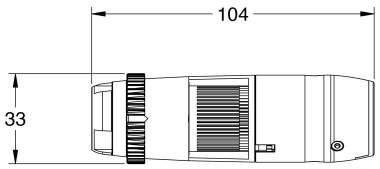
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-D** / Diffuser Cap This is a translucent cap that partially softens the LED light.
	**N3C-D2** / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	**N3C-E**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

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	237.6	39.1	29	24.61
20	115.0	19.5	14.7	6.68
30	75.4	13	9.8	3.21
40	56.7	9.8	7.3	1.94
50	46.4	7.8	5.9	1.33
60	40.1	6.5	4.9	0.98
70	36.3	5.6	4.2	0.76
80	34.0	4.9	3.7	0.62
90	32.6	4.3	3.3	0.51
100	31.9	3.9	2.9	0.44
110	31.7	3.6	2.7	0.38
120	31.9	3.3	2.4	0.33
130	32.4	3	2.3	0.3
140	33.2	2.8	2.1	0.27

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

Model	AM4517MZTL Dino-Lite Edge^{PLUS}
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 140x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	130g

AM4517MT8A

With a built-in coaxial light, Edge^{PLUS} AM4517MT8A is a high-sensitivity digital microscope that provides clear and high contrast images of highly reflective surfaces. AM4517MT8A can switch between coaxial-brightfield and darkfield illumination for the effective viewing of edges, pores, dents, scratches, and other topographical features.

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^{PLUS} model is capable of revealing some of the finest details within a range of 700-900X magnifications.

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

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 AM4517MT8A(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 metallic housing
The robust metal housing made of anodized alloy protects the Dino-lite from UV and electromagnetic interferences.

Interchangeable caps
The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable front caps

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

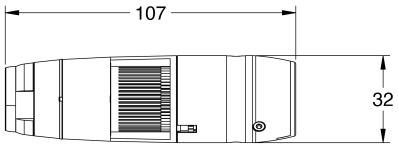
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-E** / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	**N3C-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	0.009

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

Model	AM4517MT8A Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	700x ~ 900x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	107 mm (H) x 32 mm (D) 
Unit Weight	90g

AM4917MZT

Discover a new level of color reproducibility, image quality and clarity, and live imaging performance with Dino-Lite Edge^{PLUS} AM4917MZT. With all our advanced features, such as FLC, AMR, EDOF, and EDR, AM4917MZT is an excellent choice for users with high standards.

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

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

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 of 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 AM4917MZT(R10) or later.

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

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

Scroll Lock

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

Interchangeable caps

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

Interchangeable front caps

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

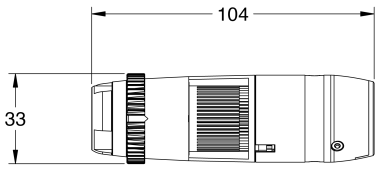
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
 	**N3C-D** / Diffuser Cap This is a translucent cap that partially softens the LED light. **N3C-D2** / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	**N3C-E**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

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

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.1	29.3	26.0
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	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	2.3	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	2.0	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	AM4917MZT Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 220x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	130g

AM4917MZTL

Images with superior contrast and color rendering are the norm with Dino-Lite Edge^{PLUS} AM4917MZTL long working distance digital microscope. Equipped with EDOF/EDR, DPQ, FLC, and AMR capabilities, AM4917MZTL offers the user flexibility for a variety of tasks.

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

1.3 Megapixels
Thanks to MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 FPS with resolution up to 1280x960.

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.

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 of 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 AM4917MZTL(R10A) or later.

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

Adjustable polarizer

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

Scroll Lock

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

Interchangeable caps

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

Interchangeable 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.

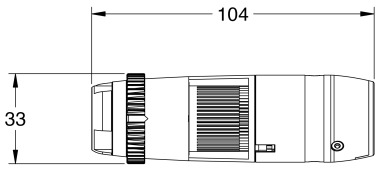
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
 	**N3C-D** / Diffuser Cap This is a translucent cap that partially softens the LED light. **N3C-D2** / Opal Diffuser Cap This cap softens and evenly distributes the LED light.
	**N3C-E** / 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	237.6	39.1	29	24.61
20	115.0	19.5	14.7	6.68
30	75.4	13	9.8	3.21
40	56.7	9.8	7.3	1.94
50	46.4	7.8	5.9	1.33
60	40.1	6.5	4.9	0.98
70	36.3	5.6	4.2	0.76
80	34.0	4.9	3.7	0.62
90	32.6	4.3	3.3	0.51
100	31.9	3.9	2.9	0.44
110	31.7	3.6	2.7	0.38
120	31.9	3.3	2.4	0.33
130	32.4	3	2.3	0.3
140	33.2	2.8	2.1	0.27

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

Model	AM4917MZTL Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 140x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	130g

AM4917MZT4

As magnification increases, targets with uneven surfaces are often out of focus due to the limited depth of field. AM4917MZT4 400x digital microscope eases focusing with its click-to-focus functionality and can generate focused-stacked images with EDOF. Delivering superior images, equipped with a polarizer, and featuring EDOF, DPQ, AMR, and EDR, AM4917MZT4 is a quality imaging tool ready for a wide range of applications.

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

1.3 Megapixels
Thanks to the MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

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

Depth Acquisition (DPQ)
The delicate focus control of this model allows for the acquisition of more useful depth 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.

Note: eFLC is available for AM4917MZT4(R10) or later.

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.

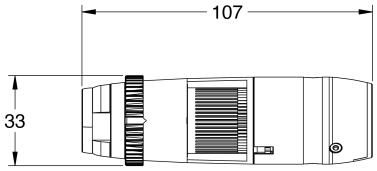
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-E** / Extended Open Cap (12.5 mm length) This 12.5 mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with 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 WD = working distance (without front cap) FOV = field of view DOF= depth of field
Unit = mm

Model	AM4917MZT4 Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	400x ~ 470x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	107 mm (H) x 33 mm (D) 
Unit Weight	130 g

AM4917MT8

At high magnifications, the thickness or roughness of targets may impede obtaining clear images. Edge^{PLUS} AM4917MT8's high-sensitivity sensor, combined with the EDOF feature, generates high-quality focused-stacked images of targets at 800x magnification. AM4917MT8 offers DPQ, eFLC, AMR, EDR, and even a click-to-focus function to ease finding focus on a point of interest.

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

1.3 Megapixels

Thanks to the MJPEG compression, the advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

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.

Note: eFLC is available for AM4917MT8(R10) or later.

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.

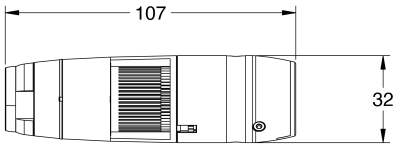
	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-E** / Extended Open Cap (12.5 mm length) This 12.5 mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with 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	AM4917MT8 Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	700x ~ 900x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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
Unit Dimension	107 mm (H) x 32 mm (D) 
Unit Weight	130 g

AM4517MT-FUW

Equipped with a 375 nm UV light and a switchable white light, the Edge^{PLUS} AM4517MT-FUW high sensitivity digital microscope enhances UV features of paintings, trace evidence, and security print documents.

Dual light source
Switch between white light and 375 nm UV light with the click of a button.

High sensitivity sensor
The high sensitivity sensor is especially useful for detecting low levels of UV emission.

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

Adjustable LED intensity
The LED intensity could be adjusted within six levels for providing further illumination flexibility.

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

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

Interchangeable caps
The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

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

	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-D** / Diffuser Cap This is a translucent cap that partially softens the LED light.

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

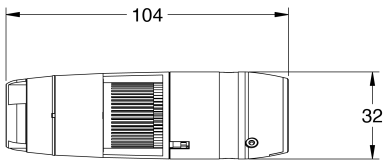
Note:
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.8	39.1	29.3	26.1
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	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	2.3	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	2.0	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

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

Model	AM4517MT-FUW Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 220x
Frame Rate	30 fps at 1.3MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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	UV Light (375 nm), 4 LEDs White Light, 4 LEDs
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	90g

AM4517MT-CFVW

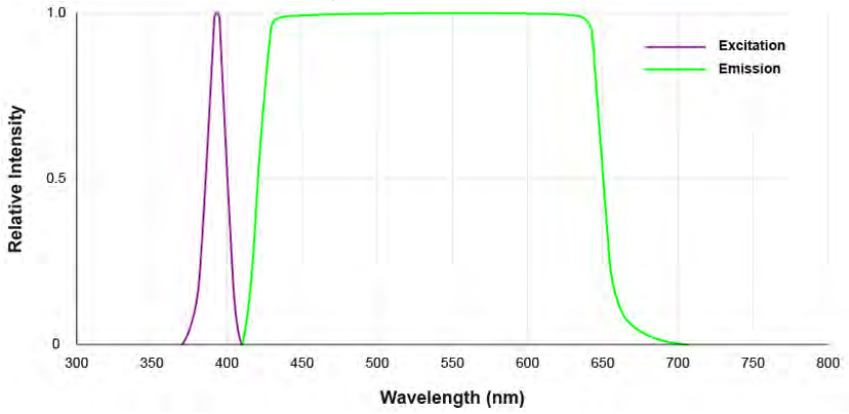
Detect a range of fluorophores from cyan to red with the AM4517MT-CFVW high-sensitivity 20x ~ 220x digital microscope. Using 400 nm excitation lights and a 420 nm ~ 650 nm emission filter, this model is suitable for a wide range of probes such as Hoechst 33342, GFP, and Alexa Fluor 405. This model features AMR to ease measurements.

1.3 Megapixel
The advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

Wide-Ranging Fluorescence Detection
The high-intensity 400 nm (λ_{peak}) excitation lights and the 420 nm ~ 650 nm band-pass emission filter enable the detection of a broad array of fluorescence probes.

Excitation Light and Emission Filter Spectra



Switchable White Light
A white LED is provided to ease locating or focusing the target before switching to fluorescence imaging. Affected by the emission filter, the image color tone will differ from standard white light imaging.

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.

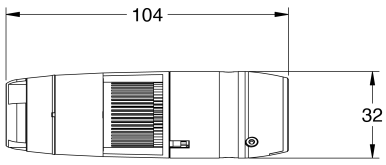
Optical Data Table

Mag	WD	FOV (x)	FOV (y)	DOF
20x	60.3	19.53	14.65	6.34
30x	33.6	13.02	9.77	3.03
40x	20.9	9.77	7.33	1.82
50x	13.9	7.81	5.86	1.24
60x	9.7	6.51	4.88	0.91
70x	7.1	5.58	4.19	0.71
80x	5.5	4.88	3.66	0.57
90x	4.6	4.34	3.26	0.47
100x	4.1	3.91	2.93	0.40
110x	4.0	3.55	2.66	0.35
120x	4.1	3.26	2.44	0.31
130x	4.5	3.01	2.25	0.27
140x	5.0	2.79	2.09	0.24
150x	5.6	2.60	1.95	0.22
160x	6.3	2.44	1.83	0.20
170x	7.1	2.30	1.72	0.18
180x	8.0	2.17	1.63	0.17
190x	8.9	2.06	1.54	0.16
200x	9.9	1.95	1.47	0.15
210x	10.9	1.86	1.40	0.14
220x	12.0	1.78	1.33	0.13

Unit = mm

Mag: Magnification
WD: Working Distance - The distance between the tip of the Dino-Lite (without cap) and the object being observed.
FOV: Field of View
DOF: Depth of Field

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

Model	AM4517MT-CFVW
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	20x ~ 220x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, PNG, TIF, JPG DinoCapture 3.0: BMP, PNG, TIF, JPG DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoCapture 3.0: WMV, MP4 DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	Excitation (λpeak: 400 nm), 7 LEDs White Light, 1 LED
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap) (View more front cap details)
Cable Type	Micro-B to Type-C (detachable) Micro-B to Type-A (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	Approx. 92 g

AM4517MT-BFCW

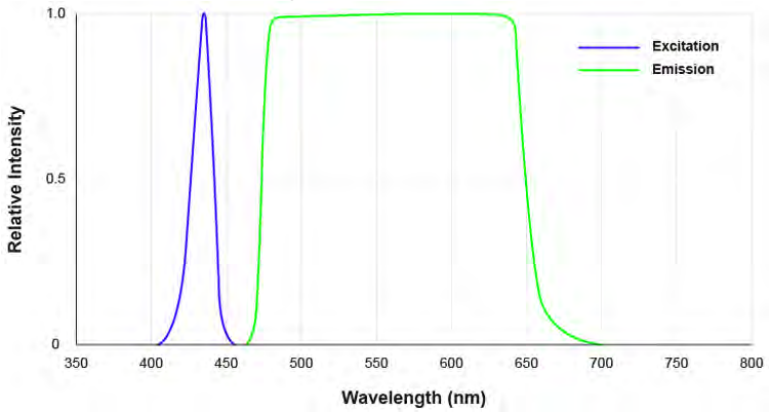
Detect a variety of fluorescence emissions with the AM4517MT-BFCW high-sensitivity 20x ~ 220x digital microscope. Equipped with 435 nm excitation lights and a 475 nm ~ 650 nm emission filter, this model captures clear images of samples labeled with fluorescent probes such as eCFP, Alexa Fluor 430, and Fura Red. This model features AMR to ease measurements.

1.3 Megapixel
The advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

Wide-Ranging Fluorescence Detection
The high-intensity 435 nm (λ_{peak}) excitation lights and the 475 nm ~ 650 nm band-pass emission filter enable the detection of a broad array of fluorescence probes.

Excitation Light and Emission Filter Spectra



Switchable White Light
A white LED is provided to ease locating or focusing the target before switching to fluorescence imaging. Affected by the emission filter, the image color tone will differ from standard white light imaging.

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.

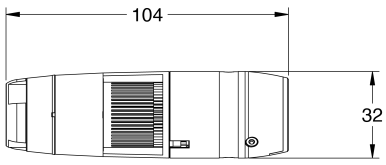
Optical Data Table

Mag	WD	FOV (x)	FOV (y)	DOF
20x	59.8	19.53	14.65	7.05
30x	33.1	13.02	9.77	3.36
40x	20.5	9.77	7.32	2.02
50x	13.4	7.81	5.86	1.38
60x	9.2	6.51	4.88	1.01
70x	6.7	5.58	4.19	0.79
80x	5.1	4.88	3.66	0.64
90x	4.1	4.34	3.26	0.53
100x	3.7	3.91	2.93	0.45
110x	3.6	3.55	2.66	0.39
120x	3.7	3.26	2.44	0.34
130x	4.1	3.01	2.25	0.30
140x	4.5	2.79	2.09	0.27
150x	5.2	2.60	1.95	0.25
160x	5.9	2.44	1.83	0.22
170x	6.7	2.30	1.72	0.21
180x	7.5	2.17	1.63	0.19
190x	8.5	2.06	1.54	0.18
200x	9.4	1.95	1.46	0.16
210x	10.5	1.86	1.40	0.15
220x	11.5	1.78	1.33	0.14

Unit = mm

Mag: Magnification
WD: Working Distance - The distance between the tip of the Dino-Lite (without cap) and the object being observed.
FOV: Field of View
DOF: Depth of Field

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

Model	AM4517MT-BFCW
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	20x ~ 220x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, PNG, TIF, JPG DinoCapture 3.0: BMP, PNG, TIF, JPG DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoCapture 3.0: WMV, MP4 DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	Excitation (λpeak: 435 nm), 7 LEDs White Light, 1 LED
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap) (View more front cap details)
Cable Type	Micro-B to Type-C (detachable) Micro-B to Type-A (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	Approx. 92 g

AM4517MT-RFCW

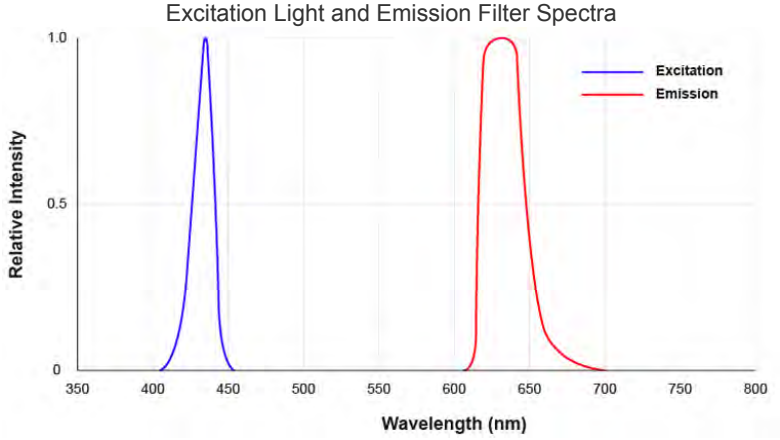
Detect red fluorescence excited by blue light with the AM4517MT-RFCW high-sensitivity 20x ~ 220x digital microscope. It features 435 nm excitation lights and a 615 nm ~ 650 nm emission filter, enabling visualization of fluorescence probes with large Stokes shifts, such as mKeima, FuraRed, and LSSmKate1. This model features AMR to ease measurements.

1.3 Megapixel
The advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

Large Stokes Shift (LSS) Red Fluorescence
The high-intensity 435 nm (λ_{peak}) excitation lights and the 615 nm ~ 650 nm band-pass emission filter enable the detection of red fluorescence probes with a large Stokes shift.

Excitation Light and Emission Filter Spectra



Switchable White Light
A white LED is provided to ease locating or focusing the target before switching to fluorescence imaging. Affected by the emission filter, the image color tone will differ from standard white light imaging.

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.

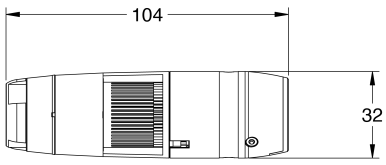
Optical Data Table

Mag	WD	FOV (x)	FOV (y)	DOF
20x	59.8	19.53	14.65	7.05
30x	33.1	13.02	9.77	3.36
40x	20.5	9.77	7.32	2.02
50x	13.4	7.81	5.86	1.38
60x	9.2	6.51	4.88	1.01
70x	6.7	5.58	4.19	0.79
80x	5.1	4.88	3.66	0.64
90x	4.1	4.34	3.26	0.53
100x	3.7	3.91	2.93	0.45
110x	3.6	3.55	2.66	0.39
120x	3.7	3.26	2.44	0.34
130x	4.1	3.01	2.25	0.30
140x	4.5	2.79	2.09	0.27
150x	5.2	2.60	1.95	0.25
160x	5.9	2.44	1.83	0.22
170x	6.7	2.30	1.72	0.21
180x	7.5	2.17	1.63	0.19
190x	8.5	2.06	1.54	0.18
200x	9.4	1.95	1.46	0.16
210x	10.5	1.86	1.40	0.15
220x	11.5	1.78	1.33	0.14

Unit = mm

Mag: Magnification
WD: Working Distance - The distance between the tip of the Dino-Lite (without cap) and the object being observed.
FOV: Field of View
DOF: Depth of Field

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

Model	AM4517MT-RFCW
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	20x ~ 220x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, PNG, TIF, JPG DinoCapture 3.0: BMP, PNG, TIF, JPG DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoCapture 3.0: WMV, MP4 DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	Excitation (λpeak: 435 nm), 7 LEDs White Light, 1 LED
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap) (View more front cap details)
Cable Type	Micro-B to Type-C (detachable) Micro-B to Type-A (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	Approx. 90 g

AM4517MT-G2FBW

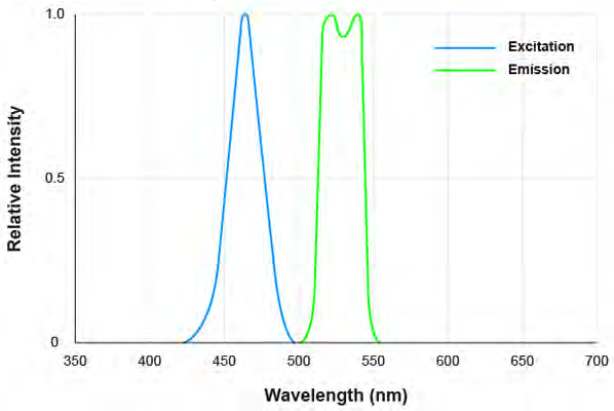
Detect green fluorescence emissions with the AM4517MT-G2FBW high-sensitivity 20x ~ 220x digital microscope. It features 465 nm excitation lights and a 510 nm ~ 545 nm emission filter, suitable for capturing emissions from fluorescent probes such as GFP, FITC, and YFP. This model features AMR to ease measurements.

1.3 Megapixel
The advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

Green Fluorescence Detection
The high-intensity 465 nm (λ_{peak}) excitation lights and the 510 nm ~ 545 nm band-pass emission filter enable the detection of green fluorescence probes.

Excitation Light and Emission Filter Spectra



Switchable White Light
A white LED is provided to ease locating or focusing the target before switching to fluorescence imaging. Affected by the emission filter, the image color tone will differ from standard white light imaging.

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.

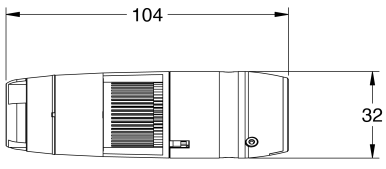
Optical Data Table

Mag	WD	FOV (x)	FOV (y)	DOF
20x	59.8	19.53	14.65	7.05
30x	33.1	13.02	9.77	3.36
40x	20.5	9.77	7.32	2.02
50x	13.4	7.81	5.86	1.38
60x	9.2	6.51	4.88	1.01
70x	6.7	5.58	4.19	0.79
80x	5.1	4.88	3.66	0.64
90x	4.1	4.34	3.26	0.53
100x	3.7	3.91	2.93	0.45
110x	3.6	3.55	2.66	0.39
120x	3.7	3.26	2.44	0.34
130x	4.1	3.01	2.25	0.30
140x	4.5	2.79	2.09	0.27
150x	5.2	2.60	1.95	0.25
160x	5.9	2.44	1.83	0.22
170x	6.7	2.30	1.72	0.21
180x	7.5	2.17	1.63	0.19
190x	8.5	2.06	1.54	0.18
200x	9.4	1.95	1.46	0.16
210x	10.5	1.86	1.40	0.15
220x	11.5	1.78	1.33	0.14

Unit = mm

Mag: Magnification
WD: Working Distance - The distance between the tip of the Dino-Lite (without cap) and the object being observed.
FOV: Field of View
DOF: Depth of Field

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

Model	AM4517MT- G2FBW
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	20x ~ 220x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, PNG, TIF, JPG DinoCapture 3.0: BMP, PNG, TIF, JPG DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoCapture 3.0: WMV, MP4 DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	Excitation (λpeak: 465 nm), 7 LEDs White Light, 1 LED
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap) (View more front cap details)
Cable Type	Micro-B to Type-C (detachable) Micro-B to Type-A (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	Approx. 92 g

AM4517MT-GRFBY

The AM4517MT-GRFBY is a high-sensitivity digital microscope with a 20x ~ 220x magnification range, designed for detecting green and red fluorescence. Equipped with both 465 nm and 580 nm excitation lights, it's ideal for visualizing samples labeled with green and red fluorophores, such as GFP and RFP. Featuring AMR, this microscope provides measurement convenience.

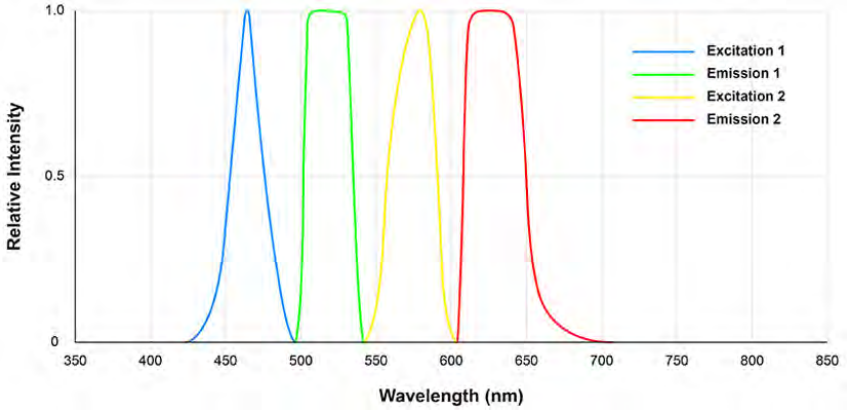
1.3 Megapixel
The advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

Switchable Excitation Lights
The software-controlled illumination enables switching between high-intensity 465 nm (λ_{peak}) and 580 nm (λ_{peak}) excitation lights, with 32 levels of adjustable intensity.

Dual-Band Emission Filter
The dual-band emission filter, designed for observing green (505 nm ~ 535 nm) and red (610 nm ~ 650 nm) fluorescence along with the switchable excitation lights, enables multiplex fluorescence labeling.

Excitation Light and Emission Filter Spectra



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.

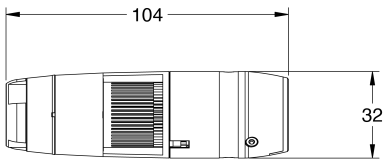
Robust Metal Housing
The anodized aluminum alloy housing offers durability and EMI shielding, effectively guarding against impacts, abrasions, and electromagnetic noise.

Optical Data Table

Mag	WD	FOV (x)	FOV (y)	DOF
20x	60.3	19.53	14.65	6.34
30x	33.6	13.02	9.77	3.03
40x	20.9	9.77	7.33	1.82
50x	13.9	7.81	5.86	1.24
60x	9.7	6.51	4.88	0.91
70x	7.1	5.58	4.19	0.71
80x	5.5	4.88	3.66	0.57
90x	4.6	4.34	3.26	0.47
100x	4.1	3.91	2.93	0.40
110x	4.0	3.55	2.66	0.35
120x	4.1	3.26	2.44	0.31
130x	4.5	3.01	2.25	0.27
140x	5.0	2.79	2.09	0.24
150x	5.6	2.60	1.95	0.22
160x	6.3	2.44	1.83	0.20
170x	7.1	2.30	1.72	0.18
180x	8.0	2.17	1.63	0.17
190x	8.9	2.06	1.54	0.16
200x	9.9	1.95	1.47	0.15
210x	10.9	1.86	1.40	0.14
220x	12.0	1.78	1.33	0.13

Unit = mm

Mag: Magnification
WD: Working Distance - The distance between the tip of the Dino-Lite (without cap) and the object being observed.
FOV: Field of View
DOF: Depth of Field

Model	AM4517MT-GRFBY
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	20x ~ 220x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, PNG, TIF, JPG DinoCapture 3.0: BMP, PNG, TIF, JPG DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoCapture 3.0: WMV, MP4 DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	Excitation (λpeak: 465 nm), 4 LEDs Excitation (λpeak: 580 nm), 4 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap) (View more front cap details)
Cable Type	Micro-B to Type-C (detachable) Micro-B to Type-A (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	Approx. 92 g

AM4517MT-YFGW

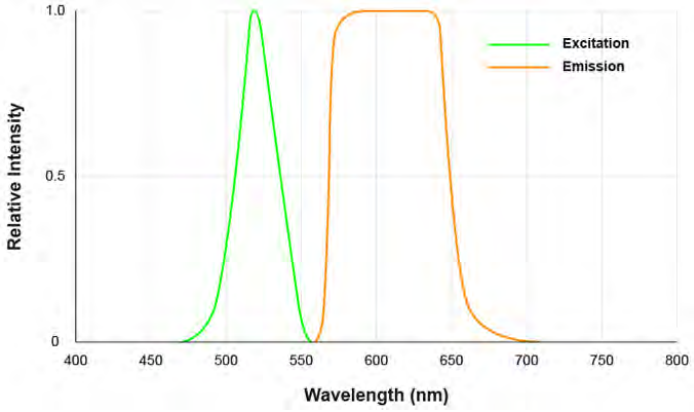
Detect green-yellow to red fluorescence emissions with the AM4517MT-YFGW high-sensitivity 20x ~ 220x digital microscope. It offers 520 nm excitation lights and a 570 nm ~ 650 nm emission filter, enabling visualization of fluorescent probes such as EYFP, mCherry, and Alexa Fluor 594. This model features AMR to ease measurements.

1.3 Megapixel
The advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

Green-Yellow/Red Fluorescence Detection
The high-intensity 520 nm(λ_{peak}) excitation lights and the 570 nm ~ 650 nm emission filter enable the detection of a variety of green-yellow or red fluorescence probes.

Excitation Light and Emission Filter Spectra



Switchable White Light
A white LED is provided to ease locating or focusing the target before switching to fluorescence imaging. Affected by the emission filter, the image color tone will differ from standard white light imaging.

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.

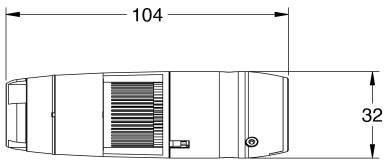
Optical Data Table

Mag	WD	FOV (x)	FOV (y)	DOF
20x	59.8	19.53	14.65	7.05
30x	33.1	13.02	9.77	3.36
40x	20.5	9.77	7.32	2.02
50x	13.4	7.81	5.86	1.38
60x	9.2	6.51	4.88	1.01
70x	6.7	5.58	4.19	0.79
80x	5.1	4.88	3.66	0.64
90x	4.1	4.34	3.26	0.53
100x	3.7	3.91	2.93	0.45
110x	3.6	3.55	2.66	0.39
120x	3.7	3.26	2.44	0.34
130x	4.1	3.01	2.25	0.30
140x	4.5	2.79	2.09	0.27
150x	5.2	2.60	1.95	0.25
160x	5.9	2.44	1.83	0.22
170x	6.7	2.30	1.72	0.21
180x	7.5	2.17	1.63	0.19
190x	8.5	2.06	1.54	0.18
200x	9.4	1.95	1.46	0.16
210x	10.5	1.86	1.40	0.15
220x	11.5	1.78	1.33	0.14

Unit = mm

Mag: Magnification
WD: Working Distance - The distance between the tip of the Dino-Lite (without cap) and the object being observed.
FOV: Field of View
DOF: Depth of Field

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

Model	AM4517MT-YFGW
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	20x ~ 220x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, PNG, TIF, JPG DinoCapture 3.0: BMP, PNG, TIF, JPG DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoCapture 3.0: WMV, MP4 DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	Excitation (λpeak: 520 nm), 7 LEDs White Light, 1 LED
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap) (View more front cap details)
Cable Type	Micro-B to Type-C (detachable) Micro-B to Type-A (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	Approx. 92 g

AM4517MT-RFYW

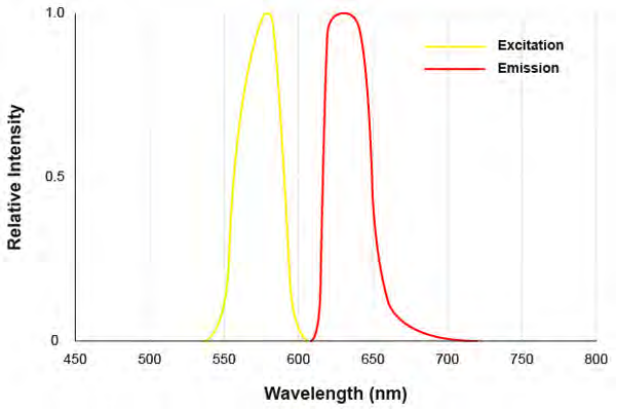
Detect red fluorescence emissions with the AM4517MT-RFYW high-sensitivity 20x ~ 220x digital microscope. It provides 575 nm excitation lights and a 615 nm ~ 650 nm emission filter, capturing emissions from fluorescent probes such as mCherry, Alexa Fluor 594, and Texas Red. This model features AMR to ease measurements.

1.3 Megapixel
The advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels of fluorescence emissions.

Red Fluorescence Detection
The high-intensity 575 nm (λ_{peak}) excitation lights and the 615 nm ~ 650 nm band-pass emission filter enable the detection of a broad range of red fluorescence probes.

Excitation Light and Emission Filter Spectra



Switchable White Light
A white LED is provided to ease locating or focusing the target before switching to fluorescence imaging. Affected by the emission filter, the image color tone will differ from standard white light imaging.

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.

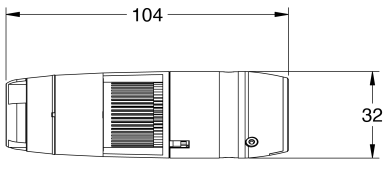
Optical Data Table

Mag	WD	FOV (x)	FOV (y)	DOF
20x	59.8	19.53	14.65	7.05
30x	33.1	13.02	9.77	3.36
40x	20.5	9.77	7.32	2.02
50x	13.4	7.81	5.86	1.38
60x	9.2	6.51	4.88	1.01
70x	6.7	5.58	4.19	0.79
80x	5.1	4.88	3.66	0.64
90x	4.1	4.34	3.26	0.53
100x	3.7	3.91	2.93	0.45
110x	3.6	3.55	2.66	0.39
120x	3.7	3.26	2.44	0.34
130x	4.1	3.01	2.25	0.30
140x	4.5	2.79	2.09	0.27
150x	5.2	2.60	1.95	0.25
160x	5.9	2.44	1.83	0.22
170x	6.7	2.30	1.72	0.21
180x	7.5	2.17	1.63	0.19
190x	8.5	2.06	1.54	0.18
200x	9.4	1.95	1.46	0.16
210x	10.5	1.86	1.40	0.15
220x	11.5	1.78	1.33	0.14

Unit = mm

Mag: Magnification
WD: Working Distance - The distance between the tip of the Dino-Lite (without cap) and the object being observed.
FOV: Field of View
DOF: Depth of Field

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

Model	AM4517MT-RFYW
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	20x ~ 220x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB available space or more
Operating System	Windows 10/11 macOS 10.14 or later
Saving Format	Image: DinoCapture 2.0: BMP, PNG, TIF, JPG DinoCapture 3.0: BMP, PNG, TIF, JPG DinoXcope: PNG, JPEG Video: DinoCapture 2.0: WMV, FLV, SWF DinoCapture 3.0: WMV, MP4 DinoXcope: MOV
Measurement Function	Yes
Calibration Function	Yes
Microtouch	Yes
Scroll Lock	Yes
Illumination	Excitation (λpeak: 575 nm), 7 LEDs White Light, 1 LED
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-LB (Black Long Cap) N3C-OB (Black Open Cap) (View more front cap details)
Cable Type	Micro-B to Type-C (detachable) Micro-B to Type-A (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	Approx. 90 g

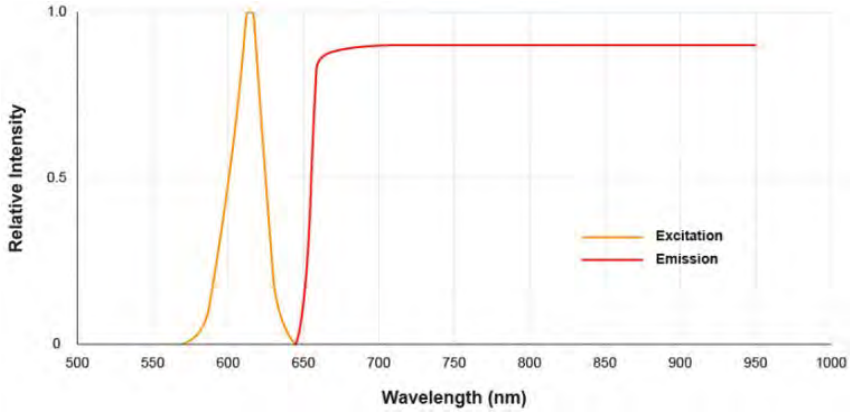
AM4117MT-DFRW

For many biological related studies, the deep-red fluorescence probes are often chosen for observing subsurface layers of tissue. With a 620nm excitation light and a 655nm high-pass emission filter, the AM4117MT-DFRW digital microscope is designed for viewing deep-red or NIR fluorescent probes.

Deep-red fluorescence and near IR

The 620nm excitation light and 655nm high-pass emission filter can be used for viewing samples with deep-red and NIR fluorescent probes. Deep red and NIR wavelengths are beneficial to reduce photodamage and autofluorescence background noise, as well as to perform deep tissue imaging.

Excitation and emission spectra



High sensitivity sensor

The high sensitivity sensor is especially useful for detecting low levels of fluorescence emissions.

Adjustable LED intensity

The LED intensity could be adjusted within six levels for providing further illumination flexibility.

Robust metallic housing

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

Scroll Lock

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

Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable Front Caps

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

	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-E** / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	**N3C-LB** / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	**N3C-OB** / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

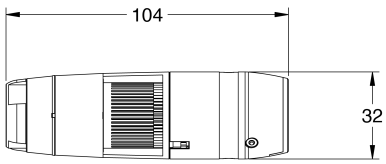
Note:
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	39.1	29.3	23.5
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	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	2.3	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	2.0	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

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

Model	AM4117MT-DFRW Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 220x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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	Excitation (λpeak: 620 nm), 7 LEDs White Light, 1 LED
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	90g

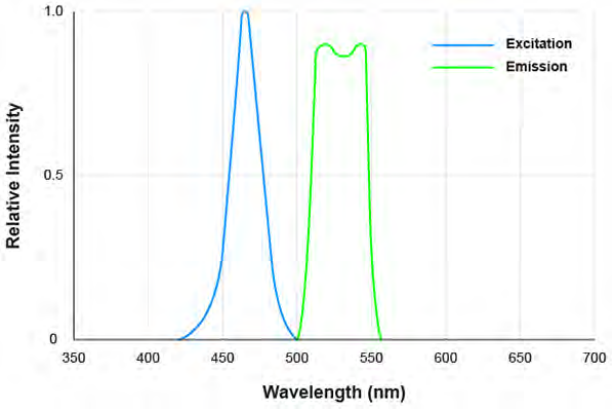
AM4117MTW-G2FBW

Equipped with a 465 nm excitation light and a 510-545 nm emission filter, AM4117MTW-G2FBW wide field of view digital microscope provides clear and crisp images during macro and micro examinations of samples emitting green fluorescence signals.

Green fluorescence

The 510-545nm emission bandpass filter blocks all non-green spectral emissions and selectively isolates the green spectral regions for unobstructed observations of green fluorescence emissions.

Excitation and emission spectra



High sensitivity sensor

The high sensitivity sensor is especially useful for detecting low levels of fluorescence emissions.

Wide Field of View (WFOV)

This feature is designed to provide large FOV at a reasonable working distance while keeping a crisp image for macro-view observations.

Adjustable LED intensity

The LED intensity could be adjusted within six levels for providing further illumination flexibility.

Robust metallic housing

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

Scroll Lock

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

Interchangeable caps

The interchangeable caps provide adaptability to numerous applications with alternative lighting or object interface.

Interchangeable Front Caps

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

	**N3C-C** / Close Cap This cap protects the lens and LED lights from contamination of dust, debris, or moisture.
	**N3C-E** / Extended Open Cap (12.5mm length) This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.
	**N3C-LB** / Long Cap This black cap blocks ambient light for clearer observations of fluorescence emissions at low magnification.
	**N3C-OB** / Open Cap This black cap blocks ambient light for clearer observations of fluorescence emissions.

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

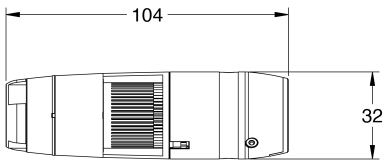
Optical Data Table

T Zone				
M	**WD**	**FOV (x)**	**FOV (y)**	**DOF**
50	14	8	6	3
40	42	10	7	5
30	64	13	10	9
20	119	20	15	21
15	182	26	20	39

W Zone				
M	**WD**	**FOV (x)**	**FOV (y)**	**DOF**
30	11	13	10	6
20	25	20	15	13
15	39	26	20	22
10	68	39	29	51
5	156	78	59	250

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

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

Model	AM4117MTW-G2FBW Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 50x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 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	Excitation (λpeak: 465 nm), 7 LEDs White Light, 1 LED
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	90g

AM4117MTW-FJ

Equipped with 940 nm LEDs, AM4117MTW-FJ suits the examination of surfaces exhibiting distinct optical properties under infrared light. This microscope provides macro-level imaging with zoom-in capabilities, allowing for detailed observation of a wide range of subjects.

1.3 Megapixel
The advanced CMOS image sensor can transmit fluid and crisp images at 30 fps with resolution up to 1280 x 960.

High Sensitivity Sensor
The high sensitivity sensor excels at picking up low levels of visible to infrared light.

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

Adjustable LED Intensity
The 940 nm near-infrared LEDs are adjustable across 32 levels of intensity.

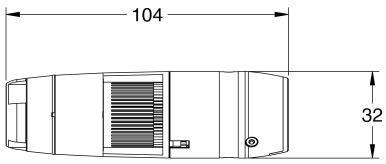
Robust Metal Housing
The anodized aluminum alloy housing offers durability and EMI shielding, effectively guarding against impacts, abrasions, and electromagnetic noise.

Optical Data Table

T Zone				
M	**WD**	**FOV (x)**	**FOV (y)**	**DOF**
50	21	8	6	3
40	42	10	7	6
30	71	13	10	11
20	127	20	15	26
15	183	26	20	47

W Zone				
M	**WD**	**FOV (x)**	**FOV (y)**	**DOF**
30	20	13	10	7
20	33	20	15	14
15	48	26	20	24
10	77	39	29	54
5	166	78	59	266

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

Model	AM4117MTW-FJ
Series	Dino-Lite Edge*PLUS*
Interface	USB 2.0
Resolution	1.3 Megapixel (1280 x 960)
Magnification	10x ~ 50x
Frame Rate	30 fps at 1.3 MP, MJPEG 30 fps at VGA, MJPEG
System Requirements	CPU: 2.5 GHz dual-core Intel Core i5 equivalent or greater RAM: 4 GB or more HD: 150 MB space available or more
Operating System	Windows 10/11 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	IR Light (940 nm), 8 LEDs
Included Front Caps	N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap)
Cable Type	Micro-B to Type-C (detachable) Micro-B to Type-A (detachable)
Cable Length	Approx. 1.8 m
Unit Dimension	104 mm (H) x 32 mm (D) 
Unit Weight	Approx. 89 g

AM4117MZT EDGE PLUS

The Dino-Lite AM4117MZT is part of the Edge^{PLUS} series, a special category within the Universal range. It offers a magnification range of 20-220x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality, clarity and color reproduction in a robust, compact and appealing metal housing.

The main features of the AM4117MZT are:

- 1.3 Megapixel Edge^{PLUS} sensor
- Flexible LED Control (FLC)
- 20-220x Magnification
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Universal EdgePLUS

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 11.6 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
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.3cm (D)
Weight:	130g
Cable length:	1.5m

FEATURES

Special feature:	Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€700 - €800

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9.	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	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	2.3	0.24
140	4.3	3.8	2.1	0.22
150	4.9	2.6	2.0	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
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
220	11.3	1.8	1.3	0.12
Listed values may differ slightly	*Without front cap			Unit = mm

AM4117MZTL EDGE PLUS

The Dino-Lite AM4117MZTL is part of the Edge[PLUS] series, a special category within the Long Working Distance (LWD) range. It offers a magnification range of 10-140x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality, clarity and color reproduction in a robust, compact and appealing metal housing.

The main features of the AM4117MZTL are:

- 1.3 Megapixel Edge[PLUS] sensor
- Flexible LED Control (FLC)
- 10-140x Magnification & Long working distance
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance EdgePLUS

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 11.6 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
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.3cm (D)
Weight:	130g

Cable length:	1.5m

FEATURES

Special feature:	Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

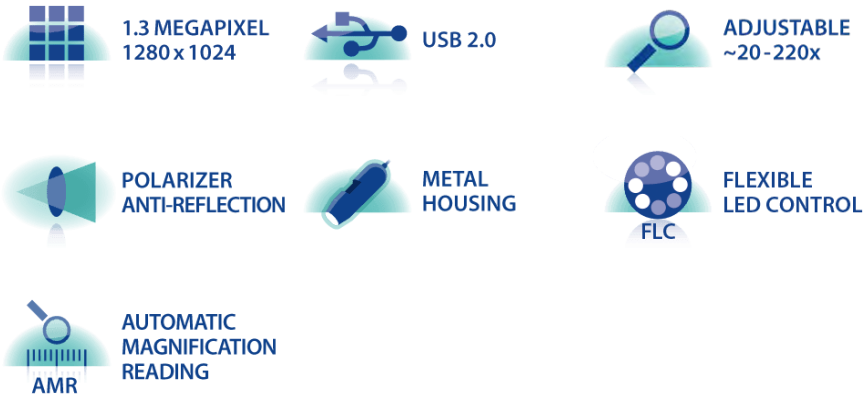
Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€700 - €800

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	237.6	39.1	29	24.61
20	115.0	19.5	14.7	6.68
30	75.4	13.0	9.8	3.21
40	56.7	9.8	7.3	1.94
50	46.4	7.8	5.9	1.33
60	40.1	6.5	4.9	0.98
70	36.3	5.6	4.2	0.76
80	34.0	4.9	3.7	0.62
90	32.6	4.3	3.3	0.51
100	31.9	3.9	2.9	0.44
110	31.7	3.6	2.7	0.38
120	31.9	3.3	2.4	0.33
130	32.4	3.0	2.3	0.3
140	33.2	2.8	2.1	0.27
Listed values may differ slightly	***Without front cap**			**Unit = mm**

AM4517MZT EDGE PLUS

The Dino-Lite AM4517MZT is part of the Edge[PLUS] series, a special category within the Universal range. It offers a magnification range of 20-220x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality, clarity and color reproduction in a robust, compact and appealing metal housing.



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. 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 AM4517MZT are:

- 1.3 Megapixel Edge[PLUS] sensor
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- 20-220x Magnification
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Universal EdgePLUS

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 11.6 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
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.3cm (D)
Weight:	130g
Cable length:	1.5m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap

Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€800 - €900

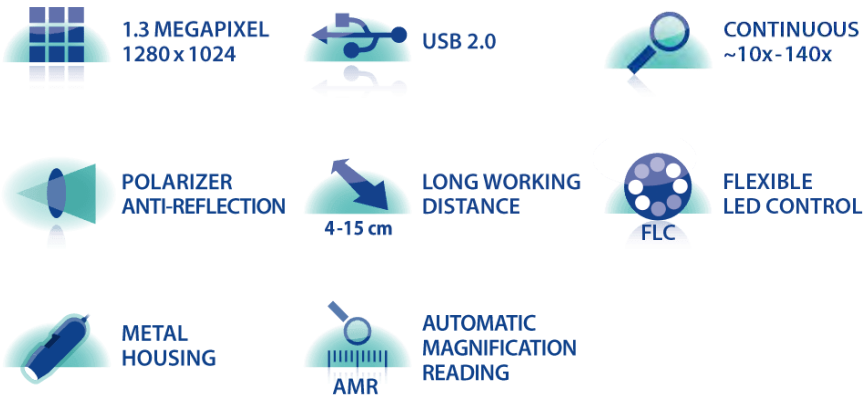
Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9.	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	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	2.3	0.24
140	4.3	3.8	2.1	0.22
150	4.9	2.6	2.0	0.2
160	5.6	2.4	1.8	0.18
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
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
Listed values may differ slightly	***Without front cap**			**Unit = mm**

AM4517MZTL EDGE PLUS

The Dino-Lite AM4517MZTL is part of the Edge[PLUS] series, a special category within the Long Working Distance (LWD) range. It offers a magnification range of 10-140x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality, clarity and color reproduction in a robust, compact and appealing metal housing.



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. 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 AM4517MZTL are:

- 1.3 Megapixel Edge[PLUS] sensor
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- 10-140x Magnification & Long working distance
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance EdgePLUS

LIGHTING

Light/ LED type:	White

Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 11.6 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
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.3cm (D)
Weight:	130g
Cable length:	1.5m

FEATURES

Special feature:	Aut. Magn. reading, Flexible LED Control (FLC)
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	Yes

INFORMATION

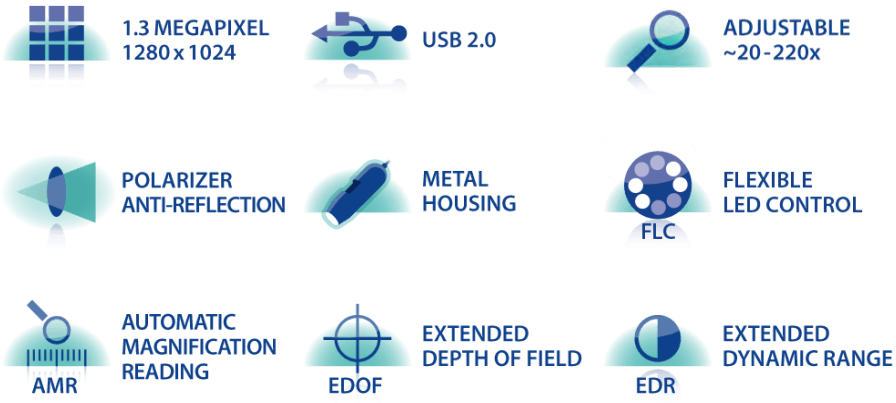
Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€800 - €900

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	237.6	39.1	29	24.61
20	115.0	19.5	14.7	6.68
30	75.4	13.0	9.8	3.21
40	56.7	9.8	7.3	1.94
50	46.4	7.8	5.9	1.33
60	40.1	6.5	4.9	0.98
70	36.3	5.6	4.2	0.76
80	34.0	4.9	3.7	0.62
90	32.6	4.3	3.3	0.51
100	31.9	3.9	2.9	0.44
110	31.7	3.6	2.7	0.38
120	31.9	3.3	2.4	0.33
130	32.4	3.0	2.3	0.3
140	33.2	2.8	2.1	0.27
Listed values may differ slightly	***Without front cap**			**Unit = mm**

AM4917MZT EDGE PLUS

The Dino-Lite AM4917MZT is part of the Edge[PLUS] series, a special category within the Universal range. It offers a magnification range of 20-220x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality, clarity and color reproduction in a robust, compact and appealing metal housing.



A unique feature within the Edge[PLUS] series for the AM4917MZT model is the possibility to acquire Depth Information. By indicating the variations in focus shifts, you can obtain depth information of grooves, holes, and other types of topographical variations. Please click here for the manual on "how to acquire depth information with the AM4917-models".

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. 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 AM4917MZT are:

- 1.3 Megapixel Edge[PLUS] sensor
- Depth acquisition
- Automatic Magnification Reading (AMR)

- Flexible LED Control (FLC)
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- 20-220x Magnification
- Adjustable polarizer
- And more...

(*EDOF/EDR/Depth acquisition only functions under Windows OS)

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Universal EdgePLUS

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	20-220x
Macro zoom:	No
Working distance:	Standard
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 11.6 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
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.3cm (D)
Weight:	130g
Cable length:	1.5m

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, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€900 - €1000

Working distance/ field of view/ depth of field:

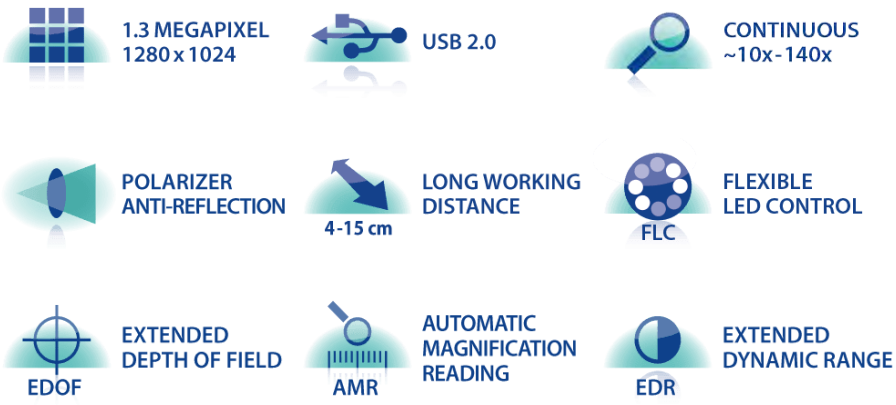
MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9.	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
Listed values may differ slightly	***Without front cap**			**Unit = mm**

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	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	2.3	0.24
140	4.3	3.8	2.1	0.22
150	4.9	2.6	2.0	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
Listed values may differ slightly	***Without front cap**			**Unit = mm**

AM4917MZTL EDGE PLUS

The Dino-Lite AM4917MZTL is part of the Edge^{PLUS} series, a special category within the Long Working Distance (LWD) range. It offers a magnification range of 10-140x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality, clarity and color reproduction in a robust, compact and appealing metal housing.

A unique feature within the Edge^{PLUS} series for the AM4917MZTL model is the possibility to acquire Depth Information. By indicating the variations in focus shifts, you can obtain depth information of grooves, holes, and other types of topographical variations. Please click here for the manual on "how to acquire depth information with the AM4917-models".



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. 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.

- 1.3 Megapixel Edge^{PLUS} sensor
- Depth acquisition
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- 10-140x Magnification & Long working distance
- Adjustable polarizer
- And more...

(*EDOF/EDR/Depth acquisition only functions under Windows OS)

ADDITIONAL INFO

DETAILS

Dino-Lite range:	Dino-Lite Long Working Distance EdgePLUS

LIGHTING

Light/ LED type:	White
Number of LEDs:	8
LED on/off switchable:	Yes
Infrared filter:	IR cut-filter >650 nm
Diffuser available:	Yes (N3C-D included)
Emission filter:	No
Polarizer:	Yes, linear

OPTICS

Magnification:	10-140x
Macro zoom:	No
Working distance:	Long
Lens type:	Glass with anti-reflection coating

SENSOR

Sensor type:	CMOS
Resolution:	1.3 Megapixel (1280x1024)
Maximum frame rate:	30 fps

COMPATIBILITY

Interface:	USB 2.0
Operating system:	Windows 7, 8 & 10, MacOS 11.6 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
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Metal housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.3cm (D)
Weight:	130g
Cable length:	1.5m

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, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range:	€900 - €1000

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	237.6	39.1	29	24.61
20	115.0	19.5	14.7	6.68
30	75.4	13.0	9.8	3.21
40	56.7	9.8	7.3	1.94
50	46.4	7.8	5.9	1.33
60	40.1	6.5	4.9	0.98
70	36.3	5.6	4.2	0.76
80	34.0	4.9	3.7	0.62
90	32.6	4.3	3.3	0.51
100	31.9	3.9	2.9	0.44
110	31.7	3.6	2.7	0.38
120	31.9	3.3	2.4	0.33
130	32.4	3.0	2.3	0.3
140	33.2	2.8	2.1	0.27
Listed values may differ slightly	***Without front cap**			**Unit = mm**

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