

Видеомикроскопы HDMI

Технические характеристики

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AM5218MZT

The Dino-Lite Edge HDMI series AM5218MZT offers stunning image quality with minimal display lag within a wide range of magnification. Connecting directly to a LCD monitor with 720p, the AM5218MZT can be well-suited to a host of inspection or assembly applications where space is a luxury or security is a concern.



HDMI interface

The HDMI interface allows Dino-Lite to deliver real-time images to a LCD monitor without the presence of a computer.



High optical resolution

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



Adjustable polarizer

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



Microtouch button

This touch-sensitive button allows to freeze/unfreeze image or to control the LED on/off with a long-tap.



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, coaxial-light, etc.

Interchangeable front caps

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



N3C-C / Close Cap

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






N3C-D / Diffuser Cap

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



N3C-D2 / Opal Diffuser Cap

This cap softens and evenly distributes the LED light.

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

Note:

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

Information about working distance and field of view

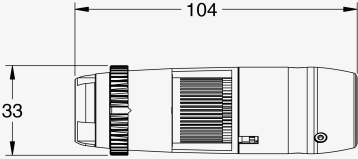
M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	11.7	2.5
30	33.5	13	7.8	1.8
40	20.9	9.8	5.9	1.5
50	13.9	7.8	4.7	
60	9.7	6.5	3.9	
70	7.1	5.6	3.4	1.0
80	5.5	4.9	3	
90	4.5	4.3	2.6	
100	4.1	3.9	2.3	
110	4	3.6	2.1	
120	4.1	3.3	2	
130	4.5	3	1.8	
140	5	2.8	1.7	
150	5.6	2.6	1.6	
160	6.3	2.4	1.5	
170	7.1	2.3	1.4	
180	8	2.2	1.3	
190	8.9	2.1	1.2	
200	9.9	2	1.2	
210	10.9	1.9	1.1	
220	11.9	1.8	1.1	0.1

M = magnification rate
Unit = mm

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field

Model	AM5218MZT Dino-Lite Edge
Interface	HDMI
Product Resolution	HD 720p
Magnification	20x~220x
Frame Rate	60fps
Sensor	Color CMOS
Microtouch	Yes
Illumination	White Light, 8 LEDs
Unit Dimension	104 mm (H) x 33 mm (D) 
Unit Weight	125g

AM5218MZTF

For professionals in need of space for handling targets, Dino-Lite AM5218MZTF and its extra-long working distance feature is the perfect choice. AM5218MZTF can connect to the all common LCDs thanks to its HDMI connectivity.



HDMI interface

The HDMI interface allows Dino-Lite to deliver real-time images to a LCD monitor without the presence of a computer.



High optical resolution

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



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.



Robust metallic housing

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



Adjustable polarizer

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



Microtouch button

This touch-sensitive button allows to freeze/unfreeze image or to control the LED on/off with a long-tap.



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, coaxial-light, etc.

Interchangeable front caps

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




N3C-C / Close Cap

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



N3C-E / Extended Open Cap (12.5mm length)

This 12.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode. This cap is compatible with standard and wide-field-of-view models.

	<p>N3C-O / Open Cap (9.5mm length) This 9.5mm cap eases the task of finding and holding a fixed focus when using the Dino-Lite in handheld mode.</p>
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Note:

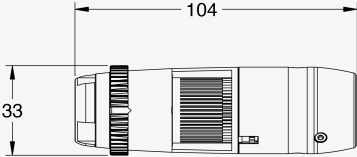
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

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

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



Model	AM5218MZTF Dino-Lite Edge
Interface	HDMI
Product Resolution	HD 720p
Magnification	10x~70x
Frame Rate	60fps
Sensor	Color CMOS
Microtouch	Yes
Illumination	White Light, 8 LEDs
Unit Dimension	104 mm (H) x 33 mm (D)
	
Unit Weight	125g

AM5218MZTL

The Dino-Lite Edge HDMI series, the AM5218MZTL provides stunning images within 10-140X magnification with low latency streaming. Connecting directly to a LCD monitor with 720p, the AM5218MZTL can be well-suited to a host of applications where space or security is a concern.



HDMI interface

The HDMI interface allows Dino-Lite to deliver real-time images to a LCD monitor without the presence of a computer.



High optical resolution

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



Long-Working-Distance (LWD) optics

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



Adjustable polarizer

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



Microtouch button

This touch-sensitive button allows to freeze/unfreeze image or to control the LED on/off with a long-tap.



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, coaxial-light, etc.

Interchangeable front caps

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








N3C-C / Close Cap

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



N3C-D / Diffuser Cap

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

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

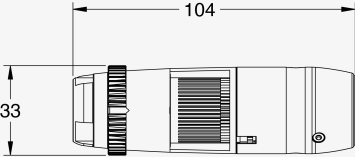
Note:

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

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	23.4	12.0
20	112.5	19.5	11.7	4.5
30	72.5	13.0	7.8	3.1
40	54.5	9.8	5.9	1.8
50	43.5	7.8	4.7	1.2
60	37.5	6.5	3.9	0.9
70	33.7	5.6	3.4	0.6
80	31.3	4.9	3.0	0.5
90	29.9	4.3	2.6	0.37
100	29.2	3.9	2.3	0.28
110	29.1	3.5	2.1	0.22
120	29.3	3.3	2.0	0.17
130	29.8	3.0	1.8	0.12
140	30.5	2.8	1.7	0.09

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

Model	AM5218MZTL Dino-Lite Edge
Interface	HDMI
Product Resolution	HD 720p
Magnification	10x~140x
Frame Rate	60fps
Sensor	Color CMOS
Microtouch	Yes
Illumination	White Light, 8 LEDs
Unit Dimension	104 mm (H) x 33 mm (D)
	
Unit Weight	125g

AM5218MZTW

Change between micro- and macro- observations with Dino-Lite AM5218MZTW wide field of view microscope. AM5218MZTW is a 720p live streaming microscope with direct HDMI connectivity to LCD and TV displays, suited for applications that only require a monitor.



HDMI interface

The HDMI interface allows Dino-Lite to deliver real-time images to a LCD monitor without the presence of a computer.



High optical resolution

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



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.



Microtouch button

This touch-sensitive button allows to freeze/unfreeze image or to control the LED on/off with a long-tap.










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, coaxial-light, etc.

Interchangeable front caps

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

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

Note:

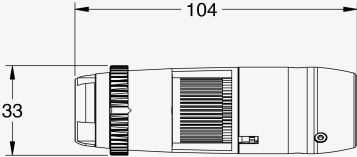
The included caps may vary per model. Please contact your local distributor or reseller for purchasing additional caps.

Information about working distance and field of view

T Zone				
M	WD	FOV (x)	FOV (y)	DOF
50	10	9	7	3
40	30	11	9	4
30	60	15	12	6
20	120	23	19	
15	170	30	24	

W Zone				
M	WD	FOV (x)	FOV (y)	DOF
30	10	14	11	6
20	30	25	20	
15	40	31	25	
10	60	41	33	
5	170	98	78	

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

Model	AM5218MZTW Dino-Lite Edge
Interface	HDMI
Product Resolution	HD 720p
Magnification	10x~50x
Frame Rate	60fps
Sensor	Color CMOS
Microtouch	Yes
Illumination	White Light, 8 LEDs
Unit Dimension	104 mm (H) x 33 mm (D)
	
Unit Weight	125g

AM5218M-FVT

View targets at 20-220x under 395 nm UV light with AM5218M-FVT digital microscope. AM5218M-FVT is a low latency streaming microscope that connects directly to the LCD monitor via its HDMI port.



HDMI interface

The HDMI interface allows Dino-Lite to deliver real-time images to a LCD monitor without the presence of a computer.



High optical resolution

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



Microtouch button

This touch-sensitive button allows to freeze/unfreeze image or to control the LED on/off with a long-tap.








Interchangeable caps

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

Interchangeable Front Caps

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

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

Note:

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

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
20	60.2	19.5	11.7	2.5
30	33.5	13	7.8	1.8
40	20.9	9.8	5.9	1.5
50	13.9	7.8	4.7	
60	9.7	6.5	3.9	
70	7.1	5.6	3.4	1.0
80	5.5	4.9	3	
90	4.5	4.3	2.6	
100	4.1	3.9	2.3	
110	4	3.6	2.1	
120	4.1	3.3	2	
130	4.5	3	1.8	
140	5	2.8	1.7	
150	5.6	2.6	1.6	
160	6.3	2.4	1.5	
170	7.1	2.3	1.4	
180	8	2.2	1.3	
190	8.9	2.1	1.2	
200	9.9	2	1.2	
210	10.9	1.9	1.1	
220	11.9	1.8	1.1	0.1

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

Model	AM5218M-FVT Dino-Lite Edge
Interface	HDMI
Product Resolution	HD 720p
Magnification	20x~220x
Frame Rate	60fps
Sensor	Color CMOS
Microtouch	Yes
Illumination	UV Light (395 nm), 8 LEDs
Unit Dimension	10.5cm (H) x 3.2cm (D)
Unit Weight	125g

Dino-Lite Edge Series

AM5218MZT



TV HDMI with Polarizer & MicroTouch

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

The Dino-Lite Edge Series AM5218MZT is designed for connecting directly to HDTV or LCD monitors via DVI or HD interface with HD 720p format with a polarizer, making the AM5218MZT be most suitable for applications such as but not only: quick inspections, assembly lines, presentations, training, and more.

This updated Edge Series model delivers higher image quality with a state-of-the-art lens design, providing matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range which is apparent in the whole Dino-Lite Edge Series.

The polarizer allows you to observe things in high resolution and see things you couldn't with direct lighting with a full magnification range of 20x – 220x. The AM5218MZT's MicroTouch provides the convenience to freeze the live video to examine details by pressing and holding the MicroTouch sensor for 1 second. The LEDs can also be switched by holding the same MicroTouch sensor for two seconds or more.

Magnification Range	20x - 220x	Connection Type	VGA
Resolution	720p	Body Material	ABS Plastic
Frame Rate (max)	60 fps	Dimensions	10.5cm (L) x 3.2cm (D) (4.13" x 1.26")
Magnification Lock	Yes	Weight	105g (3.7 oz)
Microtouch Sensor	Yes	Cable Length	
LEDs	White (8)	Warranty Period	2 years
Polarization	Yes	Manufactured in	Taiwan
Working Distance Type	Standard	Regulatory Approval	CE, FCC
In the Box	Microscope, AC Adapter, Alternate end caps		

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
Working Distance	60.2	33.5	20.9	13.9	9.7	7.1	5.5	4.5	4.1	4	4.1	4.5	5	5.6	6.3	7.1	8	8.9	9.9	10.9	11.9

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Dino-Lite Edge Series

AM5218MZTL



TV HMDI with Polarizer, MicroTouch & Long WD

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

The Dino-Lite Edge Series AM5218MZTL is designed for connecting directly to HDTV or LCD monitors via HD Interface or DVI with HD 720p format with a polarizer and a longer working distance than standard models. This updated Edge Series model delivers higher image quality with a state-of-the-art lens design, providing matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range which is apparent in the whole Dino-Lite Edge Series. The polarizer allows you to observe things in high resolution and see things you couldn't with direct lighting with a full magnification range of 10x – 140x with longer working distance. The AM5218MZTL's MicroTouch provides the convenience to freeze the live video to examine details by pressing and holding the MicroTouch sensor for 1 second. The LEDs can also be switched by holding the same MicroTouch sensor for two seconds or more.

Magnification Range	20x - 220x	Connection Type	VGA
Resolution	720p	Body Material	ABS Plastic
Frame Rate (max)	60 fps	Dimensions	10.5cm (L) x 3.2cm (D) (4.13" x 1.26")
Magnification Lock	Yes	Weight	105g (3.7 oz)
Microtouch Sensor	Yes	Cable Length	
LEDs	White (8)	Warranty Period	2 years
Polarization	Yes	Manufactured in	Taiwan
Working Distance Type	Standard	Regulatory Approval	CE, FCC
In the Box	Microscope, AC Adapter, Alternate end caps		

Magnification & Working Distance Chart

Magnification	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Working Distance	234.5	112.5	72.5	54.5	43.5	37.5	33.7	31.3	29.9	29.2	29.1	29.3	29.8	30.5
Field of View	39 x 23.4	19.5 x 11.7	13.0 x 7.8	9.8 x 5.85	7.8 x 4.65	6.5 x 3.9	5.6 x 3.4	4.9 x 3.0	4.3 x 2.6	3.9 x 2.3	3.5 x 2.1	3.3 x 2.0	3.0 x 1.8	2.8 x 1.7
Depth of Field	12	4.5	3.1	1.8	1.2	0.9	0.6	0.5	0.37	0.28	0.22	0.17	0.12	0.09

* Units shown in millimeter

Dino-Lite Edge Series

AM5218MZTF



TV HDMI with Polarizer, MicroTouch & Extra-long WD

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

The Dino-Lite Edge Series AM5218MZTF is designed for “Far” working distance while connecting directly to HDTV or LCD monitors via HD Interface or DVI with HD 720p format with a polarizer and a longer working distance than standard models. This updated Edge Series model delivers our longest working distances, higher image quality with a state-of-the-art lens design, providing matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range which is apparent in the whole Dino-Lite Edge Series. The polarizer allows you to observe things in high resolution and see things you couldn’t with direct lighting with a full magnification range of 10x – 70x with longer working distance. The AM5218MZTF’s MicroTouch provides the convenience to freeze the live video to examine details by pressing and holding the MicroTouch sensor for 1 second. The LEDs can also be switched by holding the same MicroTouch sensor for two seconds or more.

Magnification Range	20x - 220x	Connection Type	VGA
Resolution	720p	Body Material	ABS Plastic
Frame Rate (max)	60 fps	Dimensions	10.5cm (L) x 3.2cm (D) (4.13" x 1.26")
Magnification Lock	Yes	Weight	105g (3.7 oz)
Microtouch Sensor	Yes	Cable Length	
LEDs	White (8)	Warranty Period	2 years
Polarization	Yes	Manufactured in	Taiwan
Working Distance Type	Standard	Regulatory Approval	CE, FCC
In the Box	Microscope, AC Adapter, Alternate end caps		

Magnification & Working Distance Chart

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

★ Units shown in millimeter

Dino-Lite Edge Series

AM5218MZTW



TV HDMI with Polarizer, MicroTouch & Wide FOV

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

The Dino-Lite Edge Series AM5218MZTW is designed for connecting directly to HDTV or LCD monitors via DVI or HD interface with HD 720p format with a polarizer, making the AM5218MZTW suitable for applications with quick inspections, assembly lines, presentations, training, and more. Change between micro- and macro- observations with Dino-Lite AM5218MZTW wide field of view microscope. AM5218MZTW is a 720p live streaming microscope with direct HDMI connectivity to LCD and TV displays, suited for applications that only require a monitor. The polarizer allows you to observe things in high resolution and see things you couldn't with direct lighting. The AM5218MZTW's MicroTouch provides the convenience to freeze the live video to examine details by pressing and holding the MicroTouch sensor for 1 second. The LEDs can also be switched by holding the same MicroTouch sensor for two seconds or more.

Magnification Range	20x - 220x	Connection Type	VGA
Resolution	720p	Body Material	ABS Plastic
Frame Rate (max)	60 fps	Dimensions	10.5cm (L) x 3.2cm (D) (4.13" x 1.26")
Magnification Lock	Yes	Weight	105g (3.7 oz)
Microtouch Sensor	Yes	Cable Length	
LEDs	White (8)	Warranty Period	2 years
Polarization	Yes	Manufactured in	Taiwan
Working Distance Type	Standard	Regulatory Approval	CE, FCC
In the Box	Microscope, AC Adapter, Alternate end caps		

Magnification & Working Distance Chart

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

* Units shown in millimeter

Dino-Lite Edge Series

AM5218M-FVT



TV HDMI with 395nm UV LEDs & MicroTouch

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.

View targets at 20x – 220x under 395nm UV light with the AM5218M-FVT digital microscope. AM5218M-FVT is a low latency streaming microscope that connects directly to a monitor/TV screen via HDMI..

Related links:

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LED wavelength information

Magnification Range	20x - 220x	Connection Type	VGA
Resolution	720p	Body Material	ABS Plastic
Frame Rate (max)	60 fps	Dimensions	10.5cm (L) x 3.2cm (D) (4.13" x 1.26")
Magnification Lock	Yes	Weight	105g (3.7 oz)
Microtouch Sensor	Yes	Cable Length	
LEDs	White (8)	Warranty Period	2 years
Polarization	Yes	Manufactured in	Taiwan
Working Distance Type	Standard	Regulatory Approval	CE, FCC
In the Box	Microscope, AC Adapter, Alternate end caps		

Magnification & Working Distance Chart

Magnification	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220
Working Distance	60.2	33.5	20.9	13.9	9.7	7.1	5.5	4.5	4.1	4	4.1	4.5	5	5.6	6.3	7.1	8	8.9	9.9	10.9	11.9

Field of View	19.5 x 11.7	13 x 7.8	9.8 x 5.9	7.8 x 4.7	6.5 x 3.9	5.6 x 3.4	4.9 x 3.0	4.3 x 2.6	3.9 x 2.3	3.6 x 2.1	3.3 x 2.0	3.0 x 1.8	2.8 x 1.7	2.6 x 1.6	2.4 x 1.5	2.3 x 1.4	2.2 x 1.3	2.1 x 1.2	2.0 x 1.2	1.9 x 1.1	1.8 x 1.1
Depth of Field	2.5	1.8	1.5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1
* Units shown in millimeter																					

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