

AM4917MT8



Brand: Dino-Lite
Product Code: AM4917MT8

Short Description

1.3 Megapixels
Extended Depth of Field (EDOF)
Extended Dynamic Range (EDR)
Automatic Magnification Reading (AMR)
Extended Depth of Field (EDOF)
Enhanced Flexible LED Control (eFLC)

Description

At high magnifications, the thickness or roughness of targets may impede obtaining clear images. EdgePLUS 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.



Extended
Depth Of Field
EDOF



Extended
Dynamic
Range EDR



Automatic
Magnification
Reading (AMR)



Magnification lock



1,3 Megapixels
1280 x 960



Exchangeable cap



Metal housing



Depth acquisition (DPQ)



Enhanced Flexible LED control

The main features of the AM4917MT8 are:

- 1.3 Megapixels
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Extended Depth of Field (EDOF)
- Enhanced Flexible LED Control (eFLC)
- And more...

(*EDOF/EDR only functions under Windows OS)

Optical Data Table

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
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

Listed values may differ slightly * Without front cap

Unit = mm

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
Optics	
Magnification	700x ~ 900x
Sensor	
Sensor type	CMOS
Resolution	1.3 Megapixel (1280 x 960)

Maximum frame rate	30 fps in 1.3 MP, MJPEG 30 fps in VGA, MJPEG
Compatibility	
Interface	USB 2.0
Operating system	Windows 7/8/10/11 macOS 10.14 or later
Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows)	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
Supported video formats (Windows)	WMV, FLV, SWF
Supported image formats (MacOS)	PNG, JPEG
Supported video formats (MacOS)	MOV
Housing	
Housing material	Metal housing
Dimensions	10.7 cm (H) x 3.3 cm (D)
Weight	130 g
Features	
Calibration	Yes
Microtouch sensor	Yes
Information	
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€1400,00 - €1700,00