# AM4917MZT4



Brand: Dino-Lite Product Code: AM4917MZT4

#### **Short Description**

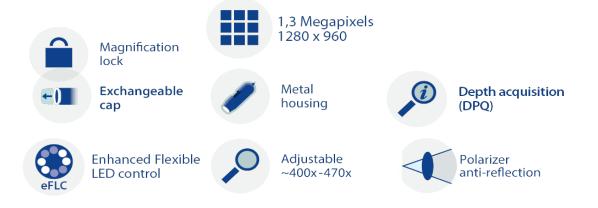
1.3 MegapixelsExtended Depth of Field (EDOF)Extended Dynamic Range (EDR)Automatic Magnification Reading (AMR)Enhanced Flexible LED Control (eFLC)

#### Description

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.





## The main features of the AM4917MT8 are:

- 1.3 Megapixels
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Enhanced Flexible LED Control (eFLC)
- Integrated polarizer (anti-reflection)
- 400x-470x magnification
- And more...

### (\*EDOF/EDR only functions under Windows OS)

Optical Data Table					
<b>MAGNIFICATI WORKING</b>		FIELD OF	FIELD OF	<b>DEPTH OF</b>	
<b>ON RATE</b>	<b>DISTANCE</b> *	VIEW(X)	VIEW(Y)	FIELD	
400	5.68	0.977	0.732	0.041	
410	6.63	0.953	0.715	0.040	
420	7.59	0.93	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	
Listed values may differ slightly		* Without front		Unit = mm	

cap

Specification		
Lighting		
Light/ LED type	White	
Number of LEDs	8	

Optics				
Magnification	400x ~ 470x			
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 10.12 and up			
Included software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)			
Supported image formats	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP,			
(Windows)	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				
Measurement	Yes			
Calibration	Yes			
Microtouch sensor	Yes			
Information				
Warranty information	2 years European warranty			
Regulatory approval	CE, FCC, ROHS			
Price range	€1200,00 - €1400,00			