# **AM4917MZT4**



**Product Code:** AM4917MZT4

## **Short Description**

1.3 Megapixels
Extended 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**

MAGNIFICAT	I WORKING	FIELD OF	FIELD OF	<b>DEPTH OF</b>
ON RATE	<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**

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Lighting			
Light/ LED type	White		
Number of LEDs	8		

Optics				
Magnification	$400x \sim 470x$			
Sensor				
Sensor type	CMOS			
Resolution	1.3 Megapixel (1280x960)			
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			
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	WMV, FLV, SWF			
(Windows)				
Supported image formats	PNG, JPEG			
(MacOS)				
Supported video formats	MOV			
(MacOS)				
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			