

# AM73915MZT4 Dino-Lite Edge 3.0

**Brand:** Dino-Lite  
**Product Code:** AM73915MZT4



## Short Description

As magnification increases, targets with uneven surfaces are often out of focus due to the limited depth of field. The 5.0 MP Edge 3.0 AM73915MZT4 400x - 470x microscope offers a click-to-focus functionality for automatic focusing to the point of interest and also features EDOF for generating focus-stacked images. Equipped with a polarizer and advanced features like DPQ, eFLC, AMR, and EDR, Edge 3.0 AM73915MZT4 is a robust tool ready to tackle a variety of tasks.

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





Magnification lock



5,0 Megapixels  
2560 x 1920



Exchangeable cap



Metal housing



Depth acquisition (DPQ)



Enhanced Flexible LED control

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### The main features of the AM4917MT8 are:

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

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

### Working distance/field of view/depth of field

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

Unit = mm

### Specification

Lighting	
Light/ LED type	White

Number of LEDs	8
Polarizer	Yes
<b>Optics</b>	
Magnification	400x ~ 470x
<b>Sensor</b>	
Sensor type	CMOS
Resolution	5 Megapixel (2560 x 1920)
Maximum frame rate	15 fps at 5 MP, YUY2 (USB 3.0) 45 fps at 1.3 MP, YUY2 (USB 3.0) 15 fps at 1.3 MP, YUY2 (USB 2.0)
<b>Compatibility</b>	
Interface	USB 3.0
Operating system	Windows 7/8/10/11 macOS 10.14 or later
Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 and up
Included 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
<b>Housing</b>	
Housing material	Metal housing
Dimensions	11.9 cm (H) x 3.3 cm (D)
Weight	110 g
<b>Features</b>	
Calibration	Yes
Microtouch sensor	Yes
<b>Information</b>	
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€1200,00 - €1500,00