

# AM8117MZT EDGE *PLUS*

**Marca:** Dino-Lite

**Código del producto:** AM8117MZT Edge Plus



## Short Description

High Optical Resolution

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Adjustable Polarizer

Robust Metal Housing

## Descripción

Taking image quality to the next level, the 8-megapixel AM8117MZT digital microscope delivers high resolution and color fidelity for a natural-looking and detailed imaging experience. AM8117MZT includes a polarizer for reducing unwanted reflections as well as eFLC for maximizing lighting adjustability.



Metal housing



Enhanced Flexible LED control



Adjustable  
~10-220x



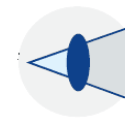
8,0 Megapixels  
3840 x 2160



Measurement functionality



8 White LEDs  
switchable



Polarizer  
anti-reflection

**The main features of the AM8117MZT are:** • 8 Megapixels

- High Optical Resolution
- Enhanced Flexible LED Control (eFLC)
- Adjustable Polarizer
- Robust Metal Housing
- 10x ~ 220x magnification
- And more...

**Working distance/field of view/depth of field**

<b>MAGNIFICATION RATE</b>	<b>WORKING DISTANCE *</b>	<b>FIELD OF VIEW(X)</b>	<b>FIELD OF VIEW(Y)</b>	<b>DEPTH OF FIELD</b>
10	142.6	60.69	34.14	26.15
20	59.8	30.35	17.07	7.05
30	33.1	20.23	11.38	3.36
40	20.5	15.17	8.53	2.02
50	13.4	12.14	6.83	1.38
60	9.2	10.11	5.69	1.01
70	6.7	8.67	4.88	0.79
80	5.1	7.59	4.27	0.64
90	4.1	6.74	3.79	0.53
100	3.7	6.07	3.41	0.45
110	3.6	5.52	3.10	0.39
120	3.7	5.06	2.85	0.34
130	4.1	4.67	2.63	0.30
140	4.5	4.34	2.44	0.27
150	5.2	4.05	2.28	0.25
160	5.9	3.79	2.13	0.22
170	6.7	3.57	2.01	0.21
180	7.5	3.37	1.90	0.19
190	8.5	3.20	1.80	0.18
200	9.4	3.03	1.71	0.16
210	10.5	2.89	1.63	0.15
220	11.5	2.76	1.55	0.14

**Listed values may differ slightly \* Without front cap**

**Unit = mm**

**Especificación**

<b>Lighting</b>	
Light/ LED type	White
Number of LEDs	8
<b>Optics</b>	

Magnification	10x ~ 220x
Working distance	142.6 ~ 11.5 mm
<b>Sensor</b>	
Sensor type	CMOS
Resolution	8 Megapixel (3840 x 2160)
Maximum frame rate	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
<b>Compatibility</b>	
Interface	USB 2.0
Operating system	Windows 10/11
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
<b>Housing</b>	
Housing material	Metal housing
Dimensions	130 mm (H) x 33 mm (D)
Weight	120 g
<b>Features</b>	
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
<b>Information</b>	
Package contents	N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Warranty information	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Price range	€1149,00 - €1249,00

## Product Gallery

