

# AM8517MZT

**Brand:** Dino-Lite  
**Product Code:** AM8517MZT Edge Plus



## Short Description

High Optical Resolution  
8.0 Megapixel  
Enhanced Flexible LED Control (eFLC)  
Automatic Magnification Reading (AMR)  
Robust Metal Housing

## Description

Capture vibrant and true-to-life images with the 8-megapixel Dino-Lite AM8517MZT digital microscope. Including a polarizer and featuring AMR and eFLC, AM8517MZT provides the versatility to perform a variety of tasks.



Metal housing



Enhanced Flexible LED control



Adjustable  
~10-220x



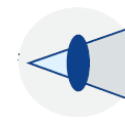
8,0 Megapixels  
3840 x 2160



Measurement functionality



8 White LEDs  
switchable



Polarizer  
anti-reflection



Automatic  
Magnification  
Reading (AMR)

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**The main features of the AM8517MZT are:**

- 8 Megapixels
- High Optical Resolution
- Automatic Magnification Reading (AMR)
- Enhanced Flexible LED Control (eFLC)
- Adjustable Polarizer
- Robust Metal Housing
- 10x ~ 220x magnification (Edge shading occurs below 25x when previewing in 16:9 windows.)
- 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

**Specification**

Lighting	
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	€1200,00 - €1400,00