

# AM8517MZTL

**Brand:** Dino-Lite  
**Product Code:** AM8517MZTL Edge Plus



## Short Description

High Optical Resolution  
8.0 Megapixel  
Enhanced Flexible LED Control (eFLC)  
Automatic Magnification Reading (AMR)  
Long Working Distance

## Description

Capture stunning images with the AM8517MZTL 8-megapixel long working distance digital microscope. Engineered with a comprehensive set of features, including AMR, this model is designed to excel in both imaging and measurement-oriented tasks.



Metal housing



Enhanced Flexible LED control



Adjustable ~10x-140x



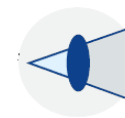
8,0 Megapixels  
3840 x 2160



Measurement functionality



8 White LEDs switchable



Polarizer anti-reflection



Automatic Magnification Reading (AMR)



Long working distance

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**The main features of the AM8517MZTL are:**

- 8 Megapixels
- High Optical Resolution
- Automatic Magnification Reading (AMR)
- Enhanced Flexible LED Control (eFLC)
- Long Working Distance (LWD) Optics
- Adjustable Polarizer
- Robust Metal Housing
- 10x ~ 140x magnification (Edge shading occurs below 25x when previewing in 16:9 windows.)
- And more...

### Optical Data Table

<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	238.3	60.69	34.14	25.99
20	115.4	30.35	17.07	6.94
30	75.9	20.23	11.38	3.29
40	57.1	15.17	8.53	2.00
50	46.7	12.14	6.83	1.42
60	40.5	10.11	5.69	1.09
70	36.7	8.67	4.88	0.87
80	34.3	7.59	4.27	0.72
90	32.9	6.74	3.79	0.62
100	32.3	6.07	3.41	0.53
110	32.1	5.52	3.10	0.47
120	32.3	5.06	2.85	0.42
130	32.8	4.67	2.63	0.38
140	33.5	4.34	2.44	0.35

Listed values may differ slightly \* Without front cap

Unit = mm

### Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
Optics	
Magnification	10x ~ 140x
Working distance	238.3 ~ 33.5 mm
Sensor	
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