

# AM8117MZT

**Merk:** Dino-Lite

**Productcode:** AM8117MZT Edge Plus



## Korte omschrijving

High Optical Resolution

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Adjustable Polarizer

Robust Metal Housing

## Omschrijving

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



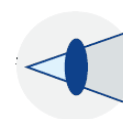
8,0 Megapixels  
3840 x 2160



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 (Edge shading occurs below 25x when previewing in 16:9 windows.)
- man, french, spanish,
- 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	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**

### Specificatie

<b>Verlichting</b>	
Licht / LED-type	White
Aantal leds	8

<b>Optiek</b>	
Magnification	10x ~ 220x
Werkafstand	142.6 ~ 11.5 mm
<b>Sensor</b>	
Sensortype	CMOS
Resolutie	8 Megapixel (3840 x 2160)
Maximale framesnelheid	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
<b>Compatibiliteit</b>	
Interface	USB 2.0
Besturingssysteem	Windows 10/11
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
<b>Behuizing</b>	
Materiaal van de behuizing	Metal housing
Afmetingen	130 mm (H) x 33 mm (D)
Gewicht	120 g
<b>Kenmerken</b>	
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
<b>Informatie</b>	
Inhoud van de verpakking	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)
Garantie-informatie	2 years European warranty
Regulatory approval:	CE, FCC, ROHS
Prijsklasse	€1149,00 - €1249,00