

# AM8917MZTL

**Merk:** Dino-Lite

**Productcode:** AM8917MZTL Edge Plus



## Korte omschrijving

High Optical Resolution

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Automatic Magnification Reading (AMR)

Long Working Distance

Automatic Magnification Reading (AMR)

## Omschrijving

Capture stunning images with the AM8917MZTL 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



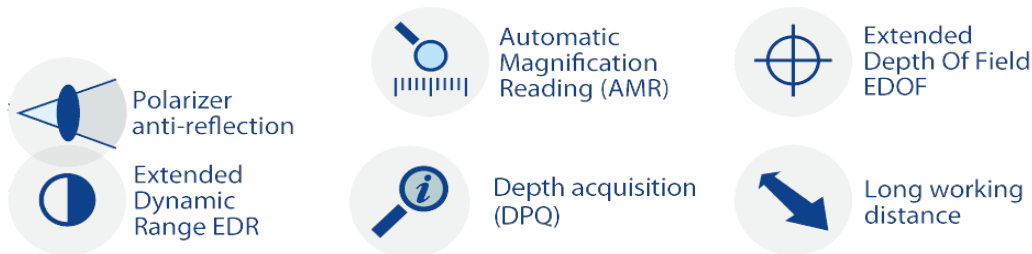
8,0 Megapixels  
3840 x 2160



Measurement functionality



8 White LEDs switchable



**The main features of the AM8917MZTL are:**

- 8 Megapixels
- High Optical Resolution
- Automatic Magnification Reading (AMR)
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Depth Acquisition (DPQ)
- 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	237.5	60.69	34.14	25.82
20	115.3	30.35	17.07	6.89
30	75.9	20.23	11.38	3.50
40	57.3	15.17	8.53	2.23
50	47.0	12.14	6.83	1.59
60	40.8	10.11	5.69	1.22
70	36.9	8.67	4.88	0.98
80	34.6	7.59	4.27	0.82
90	33.2	6.74	3.79	0.70
100	32.6	6.07	3.41	0.61
110	32.4	5.52	3.10	0.53
120	32.7	5.06	2.85	0.48
130	33.2	4.67	2.63	0.43
140	33.9	4.34	2.44	0.39

**Listed values may differ slightly \* Without front Unit = mm**

## cap

### Specificatie

<b>Verlichting</b>	
Licht / LED-type	White
Aantal leds	8
<b>Optiek</b>	
Magnification	10x ~ 140x
Werkafstand	237.5 ~ 33.9 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	€1500,00 - €1700,00