

AM8117MZTL

Productcode: AM8117MZTL Edge Plus



Korte omschrijving

High Optical Resolution

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Long Working Distance

Robust Metal Housing

Omschrijving

The AM8117MZTL 8-megapixel long working distance digital microscope captures images with stunning clarity and sharpness. Its advanced sensor technology, combined with the eFLC feature and adjustable polarizer, make the AM8117MZTL a reliable tool for high-quality imaging,



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 AM8117MZTL are:

- 8 Megapixels
- High Optical Resolution
- 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...

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
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	1.98
50	46.7	12.14	6.83	1.35
60	40.5	10.11	5.69	0.99
70	36.7	8.67	4.88	0.77
80	34.3	7.59	4.27	0.62
90	32.9	6.74	3.79	0.52
100	32.3	6.07	3.41	0.44
110	32.1	5.52	3.10	0.38
120	32.3	5.06	2.85	0.33
130	32.8	4.67	2.63	0.30
140	33.5	4.34	2.44	0.27

Listed values may differ slightly * Without front cap

Unit = mm

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
Optiek	

Magnification	10x ~ 140x
Werkafstand	238.3 ~ 33.5 mm
Sensor	
Sensortype	CMOS
Resolutie	8.0 Megapixel (3840x2160)
Maximale framesnelheid	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
Compatibiliteit	
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
Behuizing	
Materiaal van de behuizing	Metal housing
Afmetingen	130 mm (H) x 33 mm (D)
Gewicht	120 g
Kenmerken	
Bijzonderheid	Auto and Manual Refocus
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
Informatie	
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 - €1349,00