AM8117MZTL EDGE *PLUS*

Brand: Dino-Lite
Product Code: AM8117MZTL Edge Plus

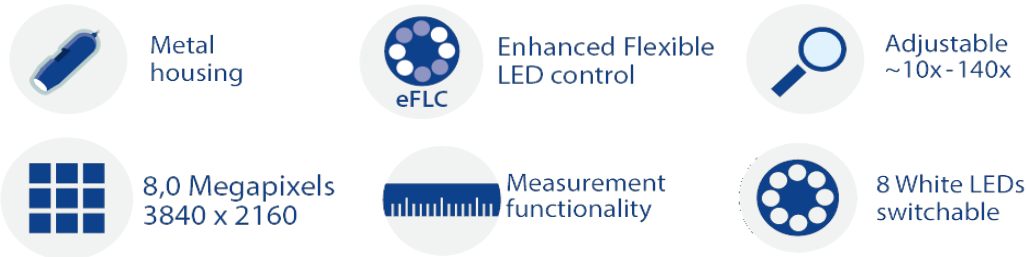


Short Description

High Optical Resolution
8.0 Megapixel
Enhanced Flexible LED Control (eFLC)
Long Working Distance
Robust Metal Housing

Description

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,







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**

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
Compatibility	
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
Housing	
Housing material	Metal housing
Dimensions	130 mm (H) x 33 mm (D)
Weight	120 g
Features	
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
Information	
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	€1149,00 - €1349,00

Product Gallery


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