Dino-Lite Europe - Phone: - Email:

AM8517MZTL



Brand:

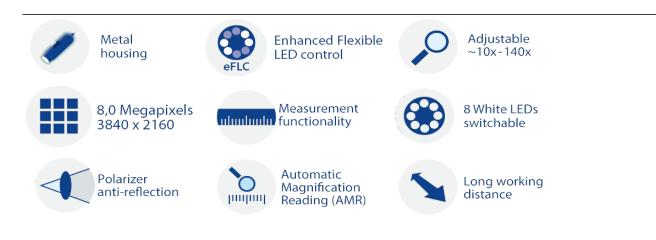
Product Code: AM8517MZTL Edge Plus

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.



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
- $10x \sim 140x$ magnification (Edge shading occurs below 25x when previewing in 16:9 windows.)
- And more...

Optical Data Table

MAGNIFICAT	I WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE *	VIEW(X)	VIEW(Y)	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	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
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Listed values may differ slightly * Without front

Unit = mm

cap

Specification

Lighting				
Light/ LED type	White			
Number of LEDs	8			
Optics				
Magnification	$10x \sim 140x$			
Working distance	238.3 ~ 33.5 mm			
Sensor				
Sensor type	CMOS			
Resolution	8.0 Megapixel (3840x2160)			

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	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP,		
(Windows)	JP2, JPC, JPG, PGX, RAS, PNM		
Supported video formats	WMV, FLV, SWF		
(Windows)			
Housing			
Housing material	Metal housing		
Dimensions	130 mm (H) x 33 mm (D)		
Weight	120 g		
Features			
Special feature	Auto and Manual Refocus		
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	€1200,00 - €1400,00		