Dino-Lite Europe - Phone: - Email:

AM8917MZTL



Marca:

Codice del prodotto: AM8917MZTL Edge Plus

Short Description

High Optical Resolution 8.0 Megapixel Enhanced Flexible LED Control (eFLC) Automatic Magnification Reading (AMR) Long Working Distance Automatic Magnification Reading (AMR)

Descrizione

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





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

Optical Data Table

WORKING	FIELD OF	FIELD OF	DEPTH OF
DISTANCE *	VIEW(X)	VIEW(Y)	FIELD
237.5	60.69	34.14	25.82
115.3	30.35	17.07	6.89
75.9	20.23	11.38	3.50
57.3	15.17	8.53	2.23
47.0	12.14	6.83	1.59
40.8	10.11	5.69	1.22
36.9	8.67	4.88	0.98
34.6	7.59	4.27	0.82
33.2	6.74	3.79	0.70
32.6	6.07	3.41	0.61
32.4	5.52	3.10	0.53
32.7	5.06	2.85	0.48
33.2	4.67	2.63	0.43
33.9	4.34	2.44	0.39
	DISTANCE * 237.5 115.3 75.9 57.3 47.0 40.8 36.9 34.6 33.2 32.6 32.4 32.7 33.2	DISTANCE * VIEW(X) 237.5 60.69 115.3 30.35 75.9 20.23 57.3 15.17 47.0 12.14 40.8 10.11 36.9 8.67 34.6 7.59 33.2 6.74 32.6 6.07 32.4 5.52 32.7 5.06 33.2 4.67	DISTANCE * VIEW(X) VIEW(Y) 237.5 60.69 34.14 115.3 30.35 17.07 75.9 20.23 11.38 57.3 15.17 8.53 47.0 12.14 6.83 40.8 10.11 5.69 36.9 8.67 4.88 34.6 7.59 4.27 33.2 6.74 3.79 32.6 6.07 3.41 32.4 5.52 3.10 32.7 5.06 2.85 33.2 4.67 2.63

Listed values may differ slightly * Without front

Unit = mm

cap

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Lighting		
Light/ LED type	White	
Number of LEDs	8	
Optics		
Magnification	$10x \sim 140x$	
Working distance	237.5 ~ 33.9 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	EDOF, EDR, DPQ, and Auto/Manual Refocus are available on Windows PC only.	
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	€1500,00 - €1700,00	