## AM8917MZTL

Olivers Co

Brand: Product Code: 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)

## Description

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.





## 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**

MAGNIFICATI WORKING FIELD OF FIELD OF DEPTH OF				
ON RATE	DISTANCE *	VIEW(X)	VIEW(Y)	FIELD
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 from	t	Unit = mm

Specification			
Lighting			
Light/ LED type	White		
Number of LEDs	8		
Optics			
Magnification	10x ~ 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		