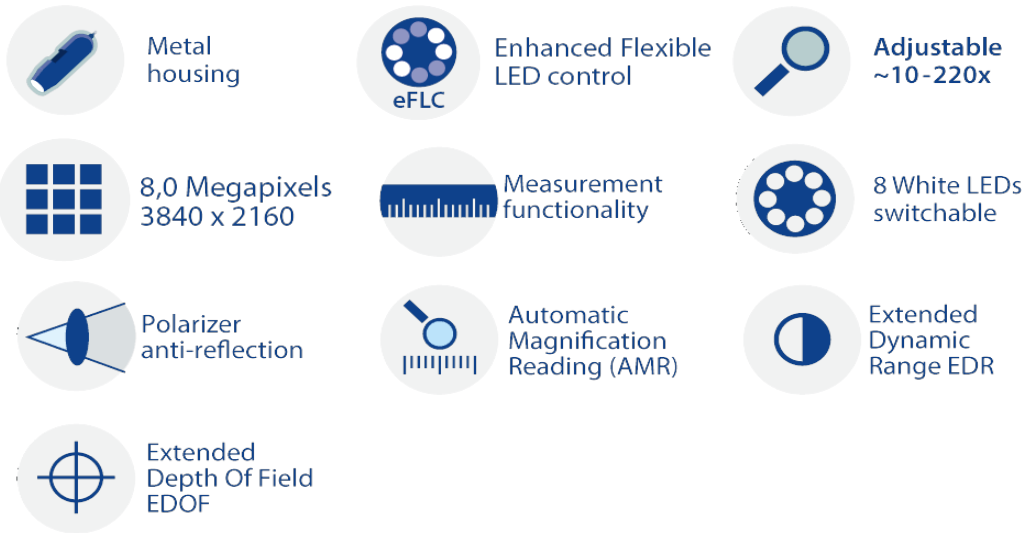
AM8917MZT EDGE *PLUS*

Brand: Dino-Lite
Product Code: AM8917MZT Edge Plus

Short Description
High Optical Resolution
8.0 Megapixel
Enhanced Flexible LED Control (eFLC)
Automatic Magnification Reading (AMR)
Robust Metal Housing

Description
Pushing the limits of handheld digital microscopy, the 8-megapixel AM8917MZT is a high-resolution digital microscope capable of revealing the minute details of the target. The microscope also delivers outstanding color fidelity, enhancing the imaging experience with detailed and natural-looking results. Ready to perform a wide range of tasks, AM8917MZT offers a polarizer as well as DPQ, EDOF, EDR, AMR, and eFLC.



The main features of the AM8517MZT are:

• 8 Megapixels
• High Optical Resolution
• Automatic Magnification Reading (AMR)
• Extended Depth of Field (EDOF)

• Extended Dynamic Range (EDR)
• Enhanced Flexible LED Control (eFLC)
• Adjustable Polarizer
• Robust Metal Housing
• 10x ~ 220x 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	142.6	60.69	34.14	26.01
20	60.1	30.35	17.07	7.01
30	33.6	20.23	11.38	3.34
40	21.0	15.17	8.53	2.01
50	14.0	12.14	6.83	1.37
60	9.8	10.11	5.69	1.01
70	7.3	8.67	4.88	0.78
80	5.7	7.59	4.27	0.63
90	4.8	6.74	3.79	0.52
100	4.3	6.07	3.41	0.44
110	4.2	5.52	3.10	0.38
120	4.3	5.06	2.85	0.34
130	4.7	4.67	2.63	0.31
140	5.2	4.34	2.44	0.28
150	5.8	4.05	2.28	0.26
160	6.5	3.79	2.13	0.24
170	7.3	3.57	2.01	0.22
180	8.1	3.37	1.90	0.20
Listed values may differ slightly		*** Without front cap**		**Unit = mm**

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
Optics	
Magnification	10x ~ 220x
Working distance	142.6 ~ 12.1 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	€1500,00 - €1700,00