

AM8917MZT

Productcode: AM8917MZT Edge Plus



Korte omschrijving

High Optical Resolution

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Automatic Magnification Reading (AMR)

Robust Metal Housing

Omschrijving

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.



Metal
housing



Enhanced Flexible
LED control



Adjustable
~10-220x



8,0 Megapixels
3840 x 2160



Measurement
functionality



8 White LEDs
switchable



The main features of the AM8917MZT 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...

Optical Data Table

M	WD	FOV (x)	FOV (y)	DOF
10	142.6	60.69	34.14	26.0
20	60.1	30.35	17.07	7.0
30	33.6	20.23	11.38	3.3
40	21.0	15.17	8.53	2.0
50	14.0	12.14	6.83	1.3
60	9.8	10.11	5.69	1.0
70	7.3	8.67	4.88	0.7
80	5.7	7.59	4.27	0.6
90	4.8	6.74	3.79	0.5
100	4.3	6.07	3.41	0.4
110	4.2	5.52	3.10	0.3
120	4.3	5.06	2.85	0.3
130	4.7	4.67	2.63	0.3
140	5.2	4.34	2.44	0.2
150	5.8	4.05	2.28	0.2
160	6.5	3.79	2.13	0.2
170	7.3	3.57	2.01	0.2

180	8.1	3.37	1.90	0.20
190	9.1	3.20	1.80	0.19
200	10.0	3.03	1.71	0.18
210	11.0	2.89	1.63	0.17
220	12.1	2.76	1.55	0.16

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
Optiek	
Magnification	10x ~ 220x
Werkafstand	142.6 ~ 12.1 mm
Sensor	
Sensortype	CMOS
Resolutie	8.0 Megapixel (3840x2160)
Maximale framesnelheid	10 fps at 8.0 MP, MJPEG 25 fps at 2.0 MP, MJPEG
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 10/11
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Behuizing	
Materiaal van de behuizing	Metal housing
Afmetingen	130 mm (H) x 33 mm (D)
Gewicht	120 g
Kenmerken	
Bijzonderheid	EDOF, EDR, DPQ, and Auto/Manual Refocus are available on Windows PC only.
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
Informatie	
Inhoud van de verpakking	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)
Garantie-informatie	2 years European warranty

Regulatory approval:	CE, FCC, ROHS
Prijsklasse	€1500,00 - €1700,00