

AM8917MZTL

Marque: Dino-Lite
Code produit: AM8917MZTL Edge Plus



Courte 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.



Metal housing



Enhanced Flexible LED control



Adjustable ~10x-140x



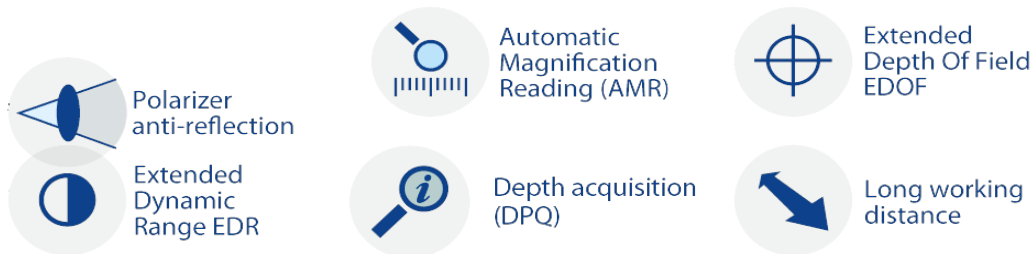
8,0 Megapixels
3840 x 2160



Measurement functionality



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

Optical Data Table

| MAGNIFICATION RATE | WORKING DISTANCE * | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF 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 front Unit = mm

cap

Spécification

| | |
|-----------------------------------|---|
| 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 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 |