

AM8517MZTL

Brand: Dino-Lite
Product Code: AM8517MZTL Edge Plus

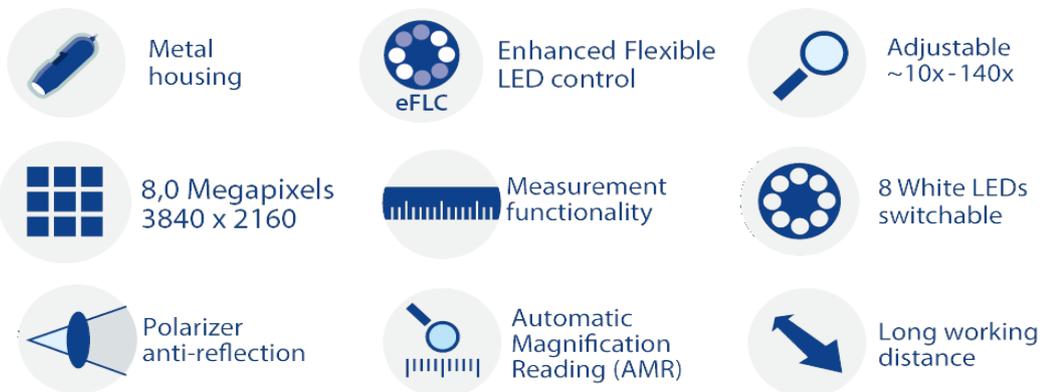


Short Description

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

Description

Capture stunning images with the AM8517MZTL 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 AM8517MZTL are:

- 8 Megapixels
- High Optical Resolution
- Automatic Magnification Reading (AMR)
- 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 | 238.3 | 60.69 | 34.14 | 25.99 |
| 20 | 115.4 | 30.35 | 17.07 | 6.94 |
| 30 | 75.9 | 20.23 | 11.38 | 3.29 |
| 40 | 57.1 | 15.17 | 8.53 | 2.00 |
| 50 | 46.7 | 12.14 | 6.83 | 1.42 |
| 60 | 40.5 | 10.11 | 5.69 | 1.09 |
| 70 | 36.7 | 8.67 | 4.88 | 0.87 |
| 80 | 34.3 | 7.59 | 4.27 | 0.72 |
| 90 | 32.9 | 6.74 | 3.79 | 0.62 |
| 100 | 32.3 | 6.07 | 3.41 | 0.53 |
| 110 | 32.1 | 5.52 | 3.10 | 0.47 |
| 120 | 32.3 | 5.06 | 2.85 | 0.42 |
| 130 | 32.8 | 4.67 | 2.63 | 0.38 |
| 140 | 33.5 | 4.34 | 2.44 | 0.35 |

Listed values may differ slightly * Without front cap

Unit = mm

Specification

| Lighting | |
|------------------|---------------------------|
| Light/ LED type | White |
| Number of LEDs | 8 |
| Optics | |
| Magnification | 10x ~ 140x |
| Working distance | 238.3 ~ 33.5 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 | €1200,00 - €1400,00 |