

AM8517MZT

Marca: Dino-Lite

Codice del prodotto: AM8517MZT Edge Plus



Short Description

High Optical Resolution

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Automatic Magnification Reading (AMR)

Robust Metal Housing

Descrizione

Capture vibrant and true-to-life images with the 8-megapixel Dino-Lite AM8517MZT digital microscope. Including a polarizer and featuring AMR and eFLC, AM8517MZT provides the versatility to perform a variety of tasks.



Metal housing



Enhanced Flexible LED control



Adjustable
~10-220x



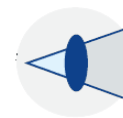
8,0 Megapixels
3840 x 2160



Measurement functionality



8 White LEDs
switchable



Polarizer
anti-reflection



Automatic
Magnification
Reading (AMR)

The main features of the AM8517MZT are:

- 8 Megapixels
- High Optical Resolution
- Automatic Magnification Reading (AMR)
- 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 | 26.15 |
| 20 | 59.8 | 30.35 | 17.07 | 7.05 |
| 30 | 33.1 | 20.23 | 11.38 | 3.36 |
| 40 | 20.5 | 15.17 | 8.53 | 2.02 |
| 50 | 13.4 | 12.14 | 6.83 | 1.38 |
| 60 | 9.2 | 10.11 | 5.69 | 1.01 |
| 70 | 6.7 | 8.67 | 4.88 | 0.79 |
| 80 | 5.1 | 7.59 | 4.27 | 0.64 |
| 90 | 4.1 | 6.74 | 3.79 | 0.53 |
| 100 | 3.7 | 6.07 | 3.41 | 0.45 |
| 110 | 3.6 | 5.52 | 3.10 | 0.39 |
| 120 | 3.7 | 5.06 | 2.85 | 0.34 |
| 130 | 4.1 | 4.67 | 2.63 | 0.30 |
| 140 | 4.5 | 4.34 | 2.44 | 0.27 |
| 150 | 5.2 | 4.05 | 2.28 | 0.25 |
| 160 | 5.9 | 3.79 | 2.13 | 0.22 |
| 170 | 6.7 | 3.57 | 2.01 | 0.21 |
| 180 | 7.5 | 3.37 | 1.90 | 0.19 |
| 190 | 8.5 | 3.20 | 1.80 | 0.18 |
| 200 | 9.4 | 3.03 | 1.71 | 0.16 |
| 210 | 10.5 | 2.89 | 1.63 | 0.15 |
| 220 | 11.5 | 2.76 | 1.55 | 0.14 |

Listed values may differ slightly * Without front cap

Unit = mm

Specifiche

| | |
|-----------------|-------|
| Lighting | |
| Light/ LED type | White |

| | |
|-----------------------------------|---|
| Number of LEDs | 8 |
| Optics | |
| Magnification | 10x ~ 220x |
| Working distance | 142.6 ~ 11.5 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 |