AM4917MZT4



Marke: Artikelnummer: AM4917MZT4

Short Description

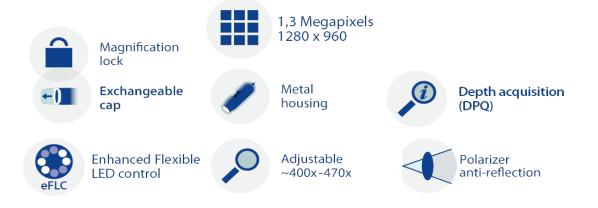
1.3 MegapixelsExtended Depth of Field (EDOF)Extended Dynamic Range (EDR)Automatic Magnification Reading (AMR)Enhanced Flexible LED Control (eFLC)

Beschreibung

As magnification increases, targets with uneven surfaces are often out of focus due to the limited depth of field. AM4917MZT4 400x digital microscope eases focusing with its click-to-focus functionality and can generate focused-stacked images with EDOF. Delivering superior images, equipped with a polarizer, and featuring EDOF, DPQ, AMR, and EDR, AM4917MZT4 is a quality imaging tool ready for a wide range of applications.

Note: EDOF, EDR, and DPQ are available on Windows PC only.





The main features of the AM4917MT8 are:

- 1.3 Megapixels
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Enhanced Flexible LED Control (eFLC)
- Integrated polarizer (anti-reflection)
- 400x-470x magnification
- And more...

(*EDOF/EDR only functions under Windows OS)

| Optical Data Table | | | | | |
|-----------------------------------|-------------------|-----------------|----------|-----------------|--|
| MAGNIFICATI WORKING | | FIELD OF | FIELD OF | DEPTH OF | |
| ON RATE | DISTANCE * | VIEW(X) | VIEW(Y) | FIELD | |
| 400 | 5.68 | 0.977 | 0.732 | 0.041 | |
| 410 | 6.63 | 0.953 | 0.715 | 0.040 | |
| 420 | 7.59 | 0.93 | 0.698 | 0.039 | |
| 430 | 8.55 | 0.909 | 0.681 | 0.038 | |
| 440 | 9.51 | 0.888 | 0.666 | 0.038 | |
| 450 | 9.62 | 0.868 | 0.651 | 0.037 | |
| 460 | 9.56 | 0.849 | 0.637 | 0.036 | |
| 470 | 9.50 | 0.831 | 0.623 | 0.036 | |
| Listed values may differ slightly | | * Without front | | Unit = mm | |

cap

| Spezifikation | | |
|-----------------|-------|--|
| Lighting | | |
| Light/ LED type | White | |
| Number of LEDs | 8 | |

| Optics | | | | |
|---------------------------------|---|--|--|--|
| Magnification | 400x ~ 470x | | | |
| Sensor | | | | |
| Sensor type | CMOS | | | |
| Resolution | 1.3 Megapixel (1280x960) | | | |
| Maximum frame rate | 30 fps in 1.3 MP, MJPEG 30 fps in VGA, MJPEG | | | |
| Compatibility | | | | |
| Interface | USB 2.0 | | | |
| Operating system | Windows 7, 8, 10 & 11, MacOS 10.12 and up | | | |
| Software | DinoCapture 2.0 (Windows), DinoXcope (Mac OS) | | | |
| Supported image formats | BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, | | | |
| (Windows) | JP2, JPC, JPG, PGX, RAS, PNM | | | |
| Supported video formats | WMV, FLV, SWF | | | |
| (Windows) | | | | |
| Supported image formats (MacOS) | PNG, JPEG | | | |
| Supported video formats | MOV | | | |
| (MacOS) | | | | |
| Housing | | | | |
| Housing material | Metal housing | | | |
| Dimensions | 10.7 cm (H) x 3.3 cm (D) | | | |
| Weight | 130 g | | | |
| Features | | | | |
| Measurement | Yes | | | |
| Calibration | Yes | | | |
| Microtouch sensor | Yes | | | |
| Information | | | | |
| Warranty information | 2 years European warranty | | | |
| Regulatory approval | CE, FCC, ROHS | | | |
| Price range | €1200,00 - €1400,00 | | | |