

AM4917MZT4



Marque:

Code produit: AM4917MZT4

Courte description

1.3 Megapixels

Extended Depth of Field (EDOF)

Extended Dynamic Range (EDR)

Automatic Magnification Reading (AMR)

Enhanced Flexible LED Control (eFLC)

Description

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.



Extended
Depth Of Field
EDOF



Extended
Dynamic
Range EDR



Automatic
Magnification
Reading (AMR)



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

| MAGNIFICATION RATE | WORKING DISTANCE * | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF 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 cap

Unit = mm

Spécification

| 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 (Windows) | BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM |
| Supported video formats (Windows) | WMV, FLV, SWF |
| Supported image formats (MacOS) | PNG, JPEG |
| Supported video formats (MacOS) | MOV |
| 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 |