

AM4917MT8



Marka: Dino-Lite
Ürün Kodu: AM4917MT8

Short Description

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

Açıklama

At high magnifications, the thickness or roughness of targets may impede obtaining clear images. EdgePLUS AM4917MT8's high-sensitivity sensor, combined with the EDOF feature, generates high-quality focused-stacked images of targets at 800x magnification. AM4917MT8 offers DPQ, eFLC, AMR, EDR, and even a click-to-focus function to ease finding focus on a point of interest.

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



Extended
Depth Of Field
EDOF



Extended
Dynamic
Range EDR



Automatic
Magnification
Reading (AMR)



Magnification lock



1,3 Megapixels
1280 x 960



Exchangeable cap



Metal housing



Depth acquisition (DPQ)



Enhanced Flexible LED control

The main features of the AM4917MT8 are:

- 1.3 Megapixels
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Extended Depth of Field (EDOF)
- Enhanced Flexible LED Control (eFLC)
- 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 |
|--------------------|--------------------|------------------|------------------|----------------|
| 700 | 5.82 | 0.558 | 0.419 | 0.00985 |
| 750 | 5.74 | 0.521 | 0.391 | 0.00973 |
| 800 | 5.68 | 0.488 | 0.366 | 0.00956 |
| 850 | 5.62 | 0.460 | 0.345 | 0.00937 |
| 900 | 5.57 | 0.434 | 0.326 | 0.00915 |

Listed values may differ slightly * Without front cap

Unit = mm

Özellikler

| | |
|-----------------|----------------------------|
| Lighting | |
| Light/ LED type | White |
| Number of LEDs | 8 |
| Optics | |
| Magnification | 700x ~ 900x |
| Sensor | |
| Sensor type | CMOS |
| Resolution | 1.3 Megapixel (1280 x 960) |

| | |
|-----------------------------------|---|
| 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 10.14 or later |
| 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 | |
| Calibration | Yes |
| Microtouch sensor | Yes |
| Information | |
| Warranty information | 2 years European warranty |
| Regulatory approval | CE, FCC, ROHS |
| Price range | €1400,00 - €1700,00 |