

# 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                             |
| Included 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                                                   |