

# AM8517MZT



**Marka:** Dino-Lite

**Ürün Kodu:** AM8517MZT Edge Plus

## Short Description

High Optical Resolution

8.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Automatic Magnification Reading (AMR)

Robust Metal Housing

## Açıklama

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



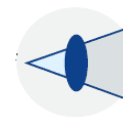
8,0 Megapixels  
3840 x 2160



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

#### Özellikler

|                 |       |
|-----------------|-------|
| 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                                                                                                                                 |