Dino-Lite Europe - Phone: - Email:

# AM4517MZTL



Marque:

Code produit: AM4517MZTL EDGE PLUS

## **Courte description**

1.3 Megapixel
10-140x Magnification
Long working distance
Polarizer
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)
Robust metal housing

## **Description**

The Dino-Lite AM4517MZTL is part of the EDGE<sup>PLUS</sup> series, a special category within the Long Working Distance (LWD) range. It offers a magnification range of 10-140x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality, clarity and color reproduction in a robust, compact and appealing metal housing.













The AMR function automatically detects and displays the magnification of the Dino-Lite. The magnification is displayed within the Dino-Lite software and stored with the captured picture and simplifies the measuring process. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc.

#### The main features of the AM4517MZTL are:

- 1.3 Megapixel EDGE PLUS sensor
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- 10-140x magnification
- Long working distance
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

### **Optical Data Table**

| MAGNIFICAT | WORKING          | FIELD OF | FIELD OF | <b>DEPTH OF</b> |
|------------|------------------|----------|----------|-----------------|
| ON RATE    | <b>DISTANCE*</b> | VIEW(X)  | VIEW(Y)  | FIELD           |
| 10         | 237.6            | 39.1     | 29       | 24.61           |
| 20         | 115.0            | 19.5     | 14.7     | 6.68            |
| 30         | 75.4             | 13.0     | 9.8      | 3.21            |
| 40         | 56.7             | 9.8      | 7.3      | 1.94            |
| 50         | 46.4             | 7.8      | 5.9      | 1.33            |
| 60         | 40.1             | 6.5      | 4.9      | 0.98            |
| 70         | 36.3             | 5.6      | 4.2      | 0.76            |
| 80         | 34.0             | 4.9      | 3.7      | 0.62            |
| 90         | 32.6             | 4.3      | 3.3      | 0.51            |
| 100        | 31.9             | 3.9      | 2.9      | 0.44            |

| 110                  | 31.7           | 3.6 | 2.7 | 0.38      |
|----------------------|----------------|-----|-----|-----------|
| 120                  | 31.9           | 3.3 | 2.4 | 0.33      |
| 130                  | 32.4           | 3.0 | 2.3 | 0.3       |
| 140                  | 33.2           | 2.8 | 2.1 | 0.27      |
| <b>Listed values</b> | *Without front |     |     | Unit = mm |
| may differ           | cap            |     |     |           |
| slightly             | _              |     |     |           |

## **Spécification**

| Specification                     |   |  |  |
|-----------------------------------|---|--|--|
| Lighting                          |   |  |  |
| Light/ LED type                   | White   |  |  |
| Number of LEDs                    | 8   |  |  |
| LED on/off switchable:            | Yes   |  |  |
| Infrared filter                   | IR cut-filter >650 nm                                       |  |  |
| Diffuser available                | Yes (N3C-D included)  |  |  |
| Emission filter                   | No  |  |  |
| Polarizer                         | Yes, linear   |  |  |
| Optics                            |   |  |  |
| Magnification                     | $10x \sim 140x$   |  |  |
| Macro zoom                        | No  |  |  |
| Working distance                  | Long  |  |  |
| Lens type                         | Glass with anti-reflection coating                          |  |  |
| Sensor                            |   |  |  |
| Sensor type                       | CMOS  |  |  |
| Resolution                        | 1.3 Megapixel (1280x960)                                    |  |  |
| Maximum frame rate                | 30 fps  |  |  |
| Compatibility                     |   |  |  |
| Interface                         | USB 2.0   |  |  |
| Operating system                  | Windows 7, 8, 10 & 11, MacOS 11.1 and up                    |  |  |
| Software                          | DinoCapture 2.0 (Windows), DinoXcope (Mac OS)               |  |  |
| Supported image formats           | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,                     |  |  |
| (Windows)                         | PCX, MNG, WBMP, JP2, JPC, PGX                               |  |  |
| Supported video formats (Windows) | WMV, FLV, SWF (max 1.3MP)                                   |  |  |
| Supported image formats (MacOS)   | JPEG, PNG   |  |  |
| Supported video formats (MacOS)   | MOV   |  |  |
| Imaging standards                 | DirectShow, UVC   |  |  |
| Wifi                              | Wireless-ready, requires the WF-10 WiFi streamer (optional) |  |  |

| Housing              |  |  |
|----------------------|--|--|
| Housing material     | Metal housing  |  |
| Magnification lock   | Yes  |  |
| Dimensions           | 10.5cm (L) x 3.3cm (D)                               |  |
| Weight               | 130g   |  |
| Cable length         | 1.5m   |  |
| Features             |  |  |
| Special feature      | Flexible LED Control (FLC) & Automatic               |  |
|                      | Magnification Reading (AMR)                          |  |
| Measurement          | Yes  |  |
| Calibration          | Yes  |  |
| Microtouch sensor    | Yes  |  |
| ESD safe             | Yes  |  |
| Information          |  |  |
| Package contents     | Microscope, carry pouch, software CD, user           |  |
|                      | manual, quick guide, calibration target, front cover |  |
|                      | box with N3C-O- Open cap, N3C-C- Closed cap,         |  |
|                      | N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-      |  |
|                      | L- Long cap, N3C-S- Side light cap                   |  |
| Warranty information | 2 years European warranty                            |  |
| Regulatory approval  | CE, FCC, ROHS  |  |
| Price range          | €900,00 - €1100,00                                   |  |

# Galerie du produit





