

# AM4117MZTL



**Merk:**

**Productcode:** AM4117MZTL EDGE PLUS

## Korte omschrijving

1.3 Megapixel

10-140x Magnification

Long working distance

Polarizer

Flexible LED Control (FLC)

Robust metal housing

## Omschrijving

The Dino-Lite AM4117MZTL is part of the EDGE *PLUS* 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 and clarity and color reproduction in a robust, compact and appealing metal housing.



1.3 megapixel  
1280 x 1024



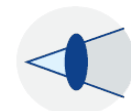
USB 2.0



Continuous  
~10x - 140x



Measurement  
functionality



Polarizer  
anti-reflection



Metal  
housing



Flexible LED Control FLC



Long working distance



Magnification lock



Exchangeable cap

**The main features of the AM4117MZTL are:**

- 1.3 Megapixel EDGE <sup>PLUS</sup> sensor
- Flexible LED Control (FLC)
- 10-140x magnification
- Long working distance
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

**Optical Data Table**

| <b>MAGNIFICATION RATE</b> | <b>WORKING DISTANCE*</b> | <b>FIELD OF VIEW(X)</b> | <b>FIELD OF VIEW(Y)</b> | <b>DEPTH OF FIELD</b> |
|---------------------------|--------------------------|-------------------------|-------------------------|-----------------------|
| <b>10</b>                 | 237.6                    | 39.1                    | 29                      | 24.61                 |
| <b>20</b>                 | 115.0                    | 19.5                    | 14.7                    | 6.68                  |
| <b>30</b>                 | 75.4                     | 13.0                    | 9.8                     | 3.21                  |
| <b>40</b>                 | 56.7                     | 9.8                     | 7.3                     | 1.94                  |
| <b>50</b>                 | 46.4                     | 7.8                     | 5.9                     | 1.33                  |
| <b>60</b>                 | 40.1                     | 6.5                     | 4.9                     | 0.98                  |
| <b>70</b>                 | 36.3                     | 5.6                     | 4.2                     | 0.76                  |
| <b>80</b>                 | 34.0                     | 4.9                     | 3.7                     | 0.62                  |
| <b>90</b>                 | 32.6                     | 4.3                     | 3.3                     | 0.51                  |
| <b>100</b>                | 31.9                     | 3.9                     | 2.9                     | 0.44                  |
| <b>110</b>                | 31.7                     | 3.6                     | 2.7                     | 0.38                  |
| <b>120</b>                | 31.9                     | 3.3                     | 2.4                     | 0.33                  |
| <b>130</b>                | 32.4                     | 3.0                     | 2.3                     | 0.3                   |
| <b>140</b>                | 33.2                     | 2.8                     | 2.1                     | 0.27                  |

Listed values may differ slightly  
\*Without front cap

**Unit = mm**

## Specificatie

| Verlichting                          |   |
|--------------------------------------|---|
| Licht / LED-type                     | White   |
| Aantal leds                          | 8   |
| LED aan / uit schakelbaar:           | Yes   |
| Infrarood filter                     | IR cut-filter >650 nm   |
| Diffusor beschikbaar                 | Yes (N3C-D included)  |
| Emissiefilter                        | No  |
| Polarisator                          | Yes, linear   |
| Optiek                               |   |
| Vergroting                           | 10-140x   |
| Macro zoom                           | No  |
| Werkafstand                          | Long  |
| Type lens                            | Glass with anti-reflection coating                                    |
| Sensor                               |   |
| Sensortype                           | CMOS  |
| Resolutie                            | 1.3 Megapixel (1280x960)  |
| Maximale framesnelheid               | 30 fps  |
| Compatibiliteit                      |   |
| Interface                            | USB 2.0   |
| Besturingssysteem                    | Windows 7, 8, 10 & 11, MacOS 11.1 and up                              |
| Software                             | DinoCapture 2.0 (Windows), DinoXcope (Mac OS)                         |
| Ondersteunde beeldformaten (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX |
| Ondersteunde videoformaten (Windows) | WMV, FLV, SWF (max 1.3MP)   |
| Ondersteunde beeldformaten (MacOS)   | JPEG, PNG   |
| Ondersteunde videoformaten (MacOS)   | MOV   |
| Beeldvormingsnormen                  | DirectShow, UVC   |
| Wifi                                 | Wireless-ready, requires the WF-10 WiFi streamer (optional)           |
| Behuizing                            |   |
| Materiaal van de behuizing           | Metal housing   |
| Vergrotingsslot                      | Yes   |
| Afmetingen                           | 10.5cm (L) x 3.2cm (D)  |
| Gewicht                              | 130g  |
| Kabellengte                          | 1.5m  |
| Kenmerken                            |   |
| Bijzonderheid                        | Flexible LED Control (FLC)  |

|                          |  |
|--------------------------|--|
| Meting                   | Yes  |
| Kalibratie               | Yes  |
| Microtouch-sensor        | Yes  |
| ESD veilig               | Yes  |
| <b>Informatie</b>        |  |
| Inhoud van de verpakking | Microscope, carry pouch, software CD, calibration target, user manual, 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 |
| Garantie-informatie      | 2 years European warranty  |
| Regelgevende goedkeuring | CE, FCC, ROHS  |
| Prijsklasse              | €900,00 - €1100,00   |