

# 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 <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 and clarity and color reproduction in a robust, compact and appealing metal housing.



1.3 megapixel  
1280 x 1024



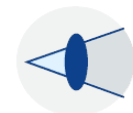
USB 2.0



Continuous  
~10x - 140x



Measurement  
functionality



Polarizer  
anti-reflection



Metal  
housing



## 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

| MAGNIFICATION RATE                | WORKING DISTANCE*  | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF 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           |
| 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                               |                                                                       |
| Magnification                        | 10x ~ 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                                                                                                                                                                                          |
| Informatie               |                                                                                                                                                                                              |
| 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                                                                                                                                                                           |