

AM4115ZTW



Marca:

Codice del prodotto: AM4115ZTW - EDGE

Short Description

1.3 Megapixel resolution
Versatility due to exchangeable caps
10-50x magnification
Polarizer (anti-reflection)
Macro zoom

Descrizione

The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.

This model can work with 2 magnification rates while maintaining the same working distance, making this the ideal model for macro view applications with a larger field of view and a zoom function to reveal smaller details. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application.



USB 2.0



Measurement
functionality



Adjustable
~10-50x



Macrozoom
FOV & DOF



1.3 megapixel
1280 x 1024



Magnification
lock



Polarizer
anti-reflection



8 White LEDs
switchable



Exchangeable
cap

» *Also available: AM4115TW - Edge without Polarizer*

Working distance/field of view/depth of field

T Zone (Macro zoom/ Larger magnification)

| MAGNIFICATION | WORKING DISTANCE | FOV(X) | FOV(Y) | DOF |
|---|---------------------|--------|--------|-----------|
| Listed values may differ slightly | | | | Unit = mm |
| 15 | 182 | 30 | 24 | 39 |
| 20 | 119 | 23 | 19 | 21 |
| 30 | 64 | 15 | 12 | 9 |
| 40 | 42 | 11 | 9 | 5 |
| 50 | 14 | 9 | 7 | 3 |

W Zone (Standard zoom/ Larger FOV)

| MAGNIFICATION | WORKING DISTANCE | FOV(X) | FOV(Y) | DOF |
|---|---------------------|--------|--------|-----------|
| Listed values may differ slightly | | | | Unit = mm |
| 5 | 156 | 98 | 78 | 250 |
| 10 | 68 | 41 | 33 | 51 |
| 15 | 39 | 31 | 25 | 22 |
| 20 | 25 | 25 | 20 | 13 |
| 30 | 11 | 14 | 11 | 6 |

Specifiche

| | |
|-----------------------------------|---|
| 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 ~ 50x |
| Macro zoom | Nee |
| Working distance | Standard |
| Lens type | Glass with anti-reflection coating |
| Sensor | |
| Sensor type | CMOS |
| Resolution | 1.3 Megapixel (1280x1024) |
| Maximum frame rate | 30 fps |
| Compatibility | |
| Interface | USB 2.0 |
| Operating system | Windows 7, 8, 10 & 11, MacOS 10.9 and up |
| Software | DinoCapture 2.0 (Windows), DinoXcope (Mac OS) |
| Supported image formats (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX |
| Supported video formats (Windows) | WMV, FLV, SWF |
| 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 | Composite/ plastic housing |
| Magnification lock | Yes |
| Dimensions | 10.5cm (L) x 3.2cm (D) |
| Weight | 100g |
| Cable length | 1.8m |
| Features | |
| Special feature | Macro zoom |

| | |
|----------------------|--|
| Measurement | Yes |
| Calibration | Yes |
| Microtouch sensor | Yes |
| ESD safe | No |
| Information | |
| Package contents | 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 |
| Warranty information | 2 years European warranty |
| Regulatory approval | CE, FCC, ROHS |
| Price range | €600,00 - €800,00 |

Product Gallery



