

AF4115ZT



Marca:

Codice del prodotto: AF4115ZT

Short Description

1.3 Megapixel Edge sensor

20x ~ 220x magnification

Adjustable Polarizer

Flexible LED Control (FLC)

Extensive measurement functionality

Descrizione

The Dino-Lite AF4115ZT is part of Universal series and connects to your device via USB. The AF4115ZT is Wireless-ready, but requires the (optional) [WF-20](#) to make it a fully wireless solution.



The AF4115ZT is equipped with premium features such as Flexible LED control (FLC),

integrated polarizer, extensive measurement functionality.

The main features of the AF4115ZT are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 20x ~ 220x magnification
- 1.3 Megapixel Edge sensor
- Adjustable polarizer
- Flexible LED Control (FLC)
- 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 |
|--|----------------------------|-------------------------|-------------------------|-----------------------|
| 20 | 60.2 | 19.5 | 15.6 | 2.5 |
| 30 | 33.5 | 13 | 10.4 | 1.8 |
| 40 | 20.9 | 9.8 | 7.8 | 1.5 |
| 50 | 13.9 | 7.8 | 6.3 | |
| 60 | 9.7 | 6.5 | 5.2 | |
| 70 | 7.1 | 5.6 | 4.5 | 1.0 |
| 80 | 5.5 | 4.9 | 3.9 | |
| 90 | 4.5 | 4.3 | 3.5 | |
| 100 | 4.1 | 3.9 | 3.1 | |
| 110 | 4 | 3.6 | 2.8 | |
| 120 | 4.1 | 3.3 | 2.6 | |
| 130 | 4.5 | 3 | 2.4 | |
| 140 | 5 | 2.8 | 2.2 | |
| 150 | 5.6 | 2.6 | 2.1 | |
| 160 | 6.3 | 2.4 | 2 | |
| 170 | 7.1 | 2.3 | 1.8 | |
| 180 | 8 | 2.2 | 1.7 | |
| 190 | 8.9 | 2.1 | 1.6 | |
| 200 | 9.9 | 2 | 1.6 | |
| 210 | 10.9 | 1.9 | 1.5 | |
| 220 | 11.9 | 1.8 | 1.4 | 0.1 |
| Listed values may differ slightly | * Without front cap | | | Unit = mm |

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 | 20x ~ 220x |
| Macro zoom | No |
| 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 10.12 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-20 adapter (optional) |
| Housing | |
| Housing material | Composite/ plastic housing |
| Dimensions | 11.4cm (L) x 3.3cm (D) |
| Weight | 111g |
| Cable length | 1.8m |
| Features | |
| Special feature | Flexible LED Control (FLC) |

| | |
|----------------------|--|
| 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 | €500,00 - €600,00 |

Product Gallery