Dino-Lite Europe - Phone: - Email:

AM4115ZTL - EDGE



Marke:

Artikelnummer: AM4115ZTL

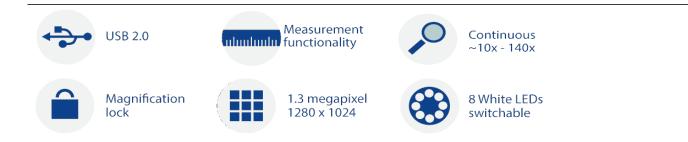
Short Description

1.3 Megapixel resolution Versatility due to exchangeable caps 10-140x magnification Polarizer (anti-reflection) Long Working Distance (LWD)

Beschreibung

The wide range of magnification (10-140x), the large field of view and working distance of up to 23 cm makes the AM4115ZTL the ideal solution for all situations where a longer distance between the microscope and the object is required or when it is needed to work under the microscope (repair, rework and assembly tasks etc.)

The built-in adjustable polarizer reduces glare and reflection on shiny objects.









Working distance/field of view/depth of field

| MAGNIFICATI WORKING | | FIELD OF | FIELD OF | DEPTH OF |
|---|------------------|----------|----------|-----------------|
| ON RATE | DISTANCE* | VIEW(X) | VIEW(Y) | FIELD |
| 10 | 234.5 | 39.0 | 31.2 | 12 |
| 20 | 112.5 | 19.5 | 15.6 | 4.5 |
| 30 | 72.5 | 13.0 | 10.4 | 3.1 |
| 40 | 54.5 | 9.8 | 7.8 | 1.8 |
| 50 | 43.5 | 7.8 | 6.2 | 1.2 |
| 60 | 37.5 | 6.5 | 5.2 | 0.9 |
| 70 | 33.7 | 5.6 | 4.5 | 0.6 |
| 80 | 31.3 | 4.9 | 3.9 | 0.5 |
| 90 | 29.9 | 4.3 | 3.5 | 0.37 |
| 100 | 29.2 | 3.9 | 3.1 | 0.28 |
| 110 | 29.1 | 3.5 | 2.8 | 0.22 |
| 120 | 29.3 | 3.3 | 2.6 | 0.17 |
| 130 | 29.8 | 3.0 | 2.4 | 0.12 |
| 140 | 30.5 | 2.8 | 2.2 | 0.09 |
| Listed values may differ slightly | * With front ca | p | | Unit = mm |

Spezifikation

| 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 (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 | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, | | |
| (Windows) | 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 | | |
| Housing | | | |
| Housing material | Composite/ plastic housing | | |
| Magnification lock | Yes | | |
| Dimensions | 10.5cm (L) x 3.2cm (D) | | |
| Weight | 105g | | |
| Cable length | 1.8m | | |
| Features | | | |
| Special feature | No | | |
| 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 | | |