# AM4115ZT

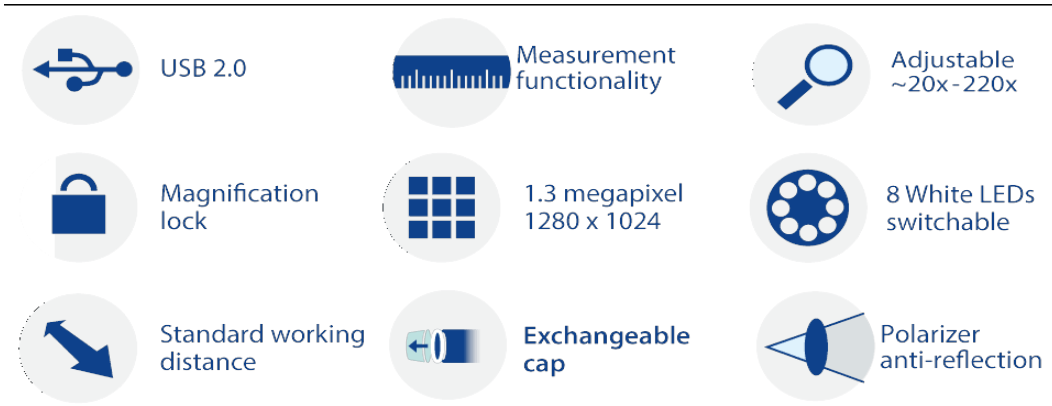
**Brand:**
**Product Code:** AM4115ZT - EDGE

## Short Description

1.3 Megapixel resolution
Versatility due to exchangeable caps
20-220x Magnification
With magnification lock

## Description

The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application. The built-in adjustable polarizer reduces glare and reflection on shiny objects.



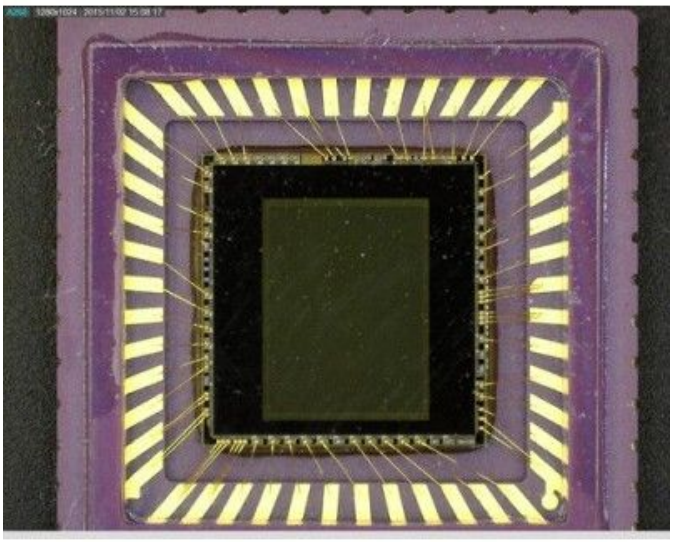
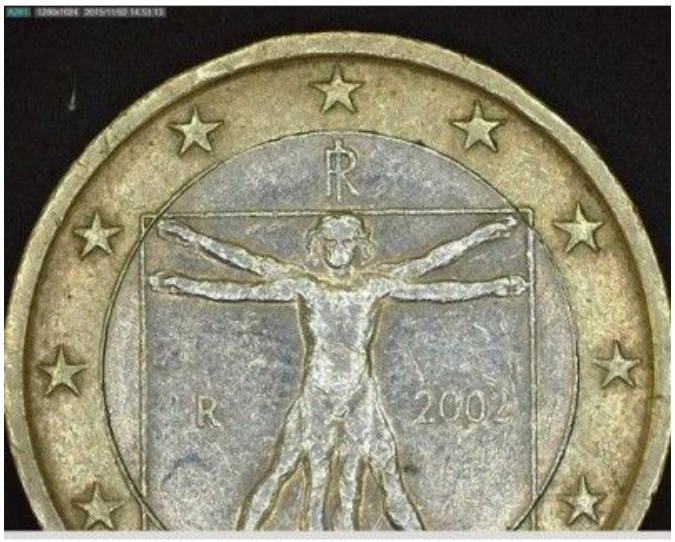
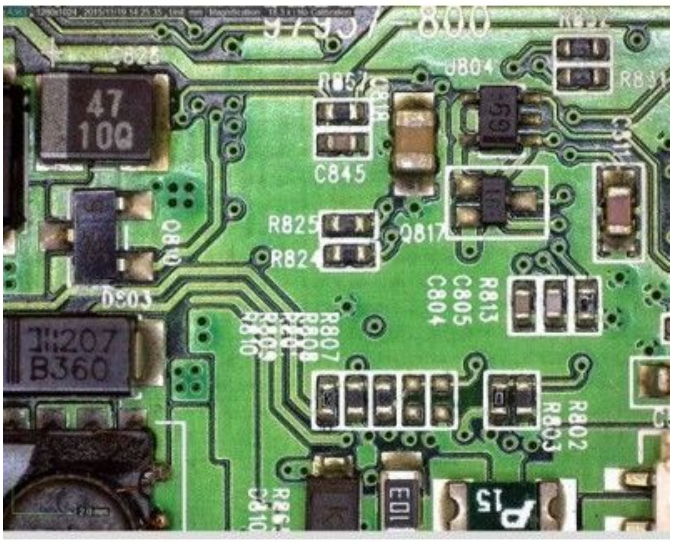
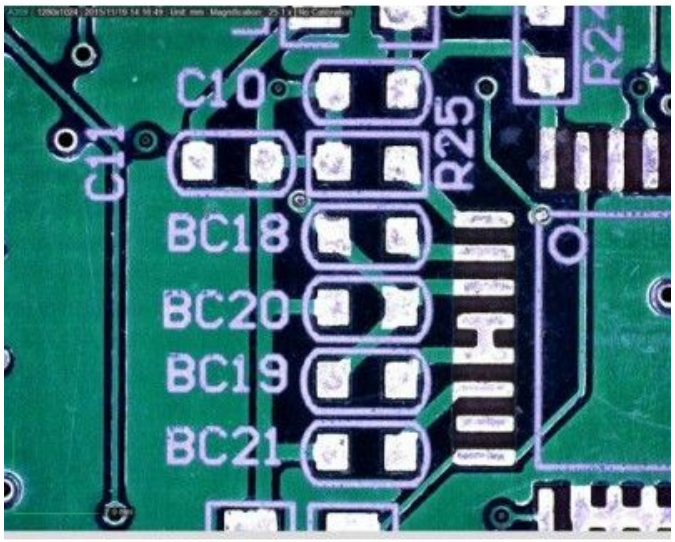
**Working distance/field of view/depth of field**

| MAGNIFICATION RATE | WORKING DISTANCE 1 | WORKING DISTANCE 2* | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|---|---|---|---|---|---|
| **Listed values may differ slightly** | | *** Without front cap** | | | **Unit = mm** |
| 20 | 52.7 | 60.2 | 19.5 | 15.6 | 2.5 |
| 30 | 26.0 | 33.5 | 13.0 | 10.4 | 1.8 |
| 40 | 13.4 | 20.9 | 9.8 | 7.8 | 1.5 |
| 50 | 6.4 | 13.9 | 7.8 | 6.3 | - |
| 60 | 2.2 | 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 | - | 4.0 | 3.6 | 2.8 | - |
| 120 | - | 4.1 | 3.3 | 2.6 | - |
| 130 | - | 4.5 | 3.0 | 2.4 | - |
| 140 | - | 5.0 | 2.8 | 2.2 | - |
| 150 | - | 5.6 | 2.6 | 2.1 | - |
| 160 | - | 6.3 | 2.4 | 2.0 | - |
| 170 | - | 7.1 | 2.3 | 1.8 | - |
| 180 | - | 8.0 | 2.2 | 1.7 | - |
| 190 | - | 8.9 | 2.1 | 1.6 | - |
| 200 | - | 9.9 | 2.0 | 1.6 | - |
| 210 | - | 10.9 | 1.9 | 1.5 | - |
| 220 | - | 11.9 | 1.8 | 1.4 | 0.1 |

**Specification**

| 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 10.9 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 | 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 |

**Product Gallery**