AM4815ZTL - EDGE



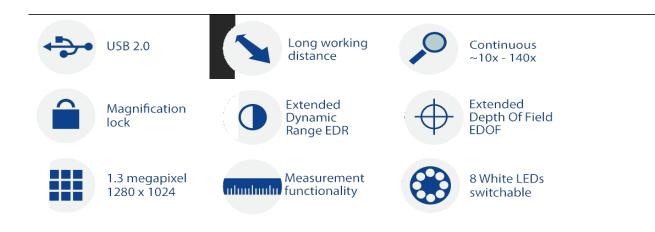
Ürün Kodu: AM4815ZTL

Short Description

1.3 Megapixel Edge sensor Long working distance 10-140x magnification Polarizer (anti-reflection) EDR & EDOF

Aç?klama

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.







With the Extended Dynamic Range (EDR) feature, the details of darker or brighter areas within the object can be revealed by stacking images at different exposure levels. The Extended Depth of Field (EDOF) feature automatically stacks images at different focus level to improve the depth of field on rough or uneven surfaces. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application. Together with the long working distance of up to 23 centimetres the AM4815ZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects.

(*At the moment EDR/EDOF only functions under Windows OS)

| Working distance/field of view/depth of field | | | | | |
|---|-----------------|----------|----------|-----------|--|
| MAGNIFICATI | WORKING | FIELD OF | FIELD OF | DEPTH OF | |
| ON RATE | DISTANCE* | VIEW(X) | VIEW(Y) | FIELD | |
| Listed values | * Without front | | | Unit = mm | |
| may differ | cap | | | | |
| slightly | | | | | |
| | | | | | |
| 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 | |

Özellikler

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 | WMV, FLV, SWF | | |
| (Windows) | | | |
| 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 | Extended Dynamic Range (EDR), Extended Depth | | |
| • | of Field (EDOF) | | |
| 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 | €800,00 - €1000,00 |