

AF7515MZT4

Brand: Dino-Lite
Product Code: AF7515MZT4 - Edge



Short Description

5 Megapixel resolution
Robust metal housing
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)
Adaptable Interface

Description

The 5MP Edge AF515MZT4 provides high-quality images with remarkable color performance at 400x magnification. With a built-in polarizer and FLC, the AF7515MZT4 is a versatile tool for a wide range of tasks, including viewing small defects, edge sharpness, and surface roughness. AF7515MZT4 features AMR to facilitate measurements and is also compatible with the optional WF-20 Wi-Fi streamer.



USB 2.0



Flexible LED
Control FLC



Measurement
functionality



Metal
housing



5 megapixel
2592 x 1944



8 White LEDs
switchable



The main features of the AF7515MZT - Edge are:

- 5 Megapixel Edge sensor
- High optical Resolution
- Automatic Magnification Reading
- Adjustable polarizer
- Robust Metal housing
- Flexible LED Control (FLC)
- Adaptable Interface
- 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 |
|-----------------------------------|-------------------|----------------------------|------------------|------------------|
| Listed values may differ slightly | | * Without front cap | | |
| | | | | Unit = mm |
| 400 | 4.8 | 0.99 | 0.74 | 0.040 |
| 410 | 5.8 | 0.97 | 0.72 | 0.039 |
| 420 | 6.7 | 0.94 | 0.71 | 0.038 |
| 430 | 7.7 | 0.92 | 0.69 | 0.037 |
| 440 | 8.6 | 0.90 | 0.67 | 0.036 |
| 450 | 8.6 | 0.88 | 0.66 | 0.035 |
| 460 | 8.5 | 0.86 | 0.65 | 0.034 |
| 450 | 8.4 | 0.84 | 0.63 | 0.034 |

Specification

| Lighting | |
|------------------------|----------------------|
| Light/ LED type | White |
| Number of LEDs | 8 |
| LED on/off switchable: | Yes |
| Diffuser available | Yes (N3C-D included) |
| Emission filter | No |

| | |
|-----------------------------------|--|
| Polarizer | Yes, linear |
| Optics | |
| Magnification | 400x ~ 470x |
| Macro zoom | No |
| Working distance | Standard |
| Lens type | Glass with anti-reflection coating |
| Sensor | |
| Sensor type | CMOS |
| Resolution | 5 Megapixel (2592x1944) |
| Maximum frame rate | 30 fps |
| Compatibility | |
| Interface | USB 2.0 |
| Operating system | Windows 7, 8, 10 & 11, MacOS 10.14 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 (max 1.3MP) |
| Imaging standards | DirectShow, UVC |
| Wifi | Wireless-ready, requires the WF-20 WiFi streamer (optional) |
| Housing | |
| Housing material | Metal housing |
| Magnification lock | Yes |
| Dimensions | 11.5 cm (H) x 3.4 cm (D) |
| Weight | 97g |
| Cable length | 1.8m |
| Features | |
| Special feature | Flexible LED Control (FLC) |
| Measurement | Yes |
| Calibration | Yes |
| Microtouch sensor | Yes |
| ESD safe | Yes |
| 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 | €900,00 - €1100,00 |

Product Gallery