

# AF7515MZT4

**Code produit:** AF7515MZT4 - Edge



## Courte 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



Magnification  
lock



Polarizer  
anti-reflection



Exchangeable  
cap

Adjustable  
~400x -470x

## 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 |                   | <b>* Without front cap</b> |                  | <b>Unit = mm</b> |
| 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            |

## Spécification

| 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                        | 5.0 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                                    |

## Galerie du produit