

WF7115MZT

Marke:

Artikelnummer: WF7115MZT



Short Description

5 Megapixel resolution
Robust metal housing
10-220x magnification
Polarizer
Flexible LED Control (FLC)
Wireless

Beschreibung

With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features such as Flexible LED Control (FLC) and full aluminum body, the Dino-Lite WF7115MZT is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite WF7115MZT offers superb image quality and color reproduction in a robust, compact and appealing housing.



USB 2.0



Measurement
functionality



ADJUSTABLE
~10-220x



Magnification
lock



Metal
housing



5 megapixel
2592 x 1944



8 White LEDs
switchable



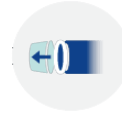
Standard working
distance



Polarizer
anti-reflection



Flexible LED
Control FLC



Exchangeable
cap



Wireless

The WF7115MZT is part of the universal range and with its standard working distance and wide magnification range from 10 – 220x, it is suitable for a wide range of applications. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc.

The main features of the WF7115MZT are:

- 5 Megapixel Edge sensor
- 10-220x magnification
- Integrated polarizer
- Aluminum housing
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- Wireless
- And more...

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 |
|--------------------|--------------------|---------------------|------------------|------------------|----------------|
| 10 | - | 142.6 | 39.6 | 29.7 | 2.6 |
| 20 | 52.7 | 60.1 | 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 | - |

Listed values may differ slightly

* Without front cap

Unit = mm

| | | | | | |
|-----|---|------|-----|-----|-----|
| 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 |

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 ~ 220x |
| 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 10.11.6 and up (cable only) |
| Software | DinoCapture 2.0 (Windows) cable + wireless, DinoXcope (Mac OS) cable only, DinoConnect wireless only |

| | |
|-----------------------------------|---|
| 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 | Yes |
| Housing | |
| Housing material | Metal housing |
| Dimensions | 10.5cm (L) x 3.2cm (D) |
| Weight | 135gr |
| 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-extension cap, N3C-L- Long cap, N3C-S- Side light cap |
| Warranty information | 2 years European warranty |
| Regulatory approval | CE, FCC, ROHS |
| Price range | €1300,00 - €1500,00 |

Product Gallery

