Dino-Lite Europe - Phone: - Email:

## WF7115MZT

**Brand:** 

**Product Code:** WF7115MZT



#### **Short Description**

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

## **Description**

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.















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

| MAGNIFIC                 | CA WORKING | WORKING             | FIELD OF | FIELD OF | DEPTH OF  |
|--------------------------|------------|---------------------|----------|----------|-----------|
| TION RAT                 | E DISTANCE | 1 DISTANCE          | VIEW(X)  | VIEW(Y)  | FIELD     |
|                          |            | 2*                  |          |          |           |
| Listed values may differ |            | * Without front cap |          |          | Unit = mm |
| slightly                 |            |                     |          |          |           |
| 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      | _         |

| 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          | $10x \sim 220x$                             |  |  |  |
| 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 10.11.6 and up |  |  |  |
|                        | (cable only)                                |  |  |  |
| Software               | DinoCapture 2.0 (Windows) cable + wireless, |  |  |  |
|                        | DinoXcope (Mac OS) cable only, DinoConnect  |  |  |  |
|                        | wireless only                               |  |  |  |

| Supported image formats           | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,           |
|-----------------------------------|---|
| (Windows)                         | 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

