

# WF4915ZT - Wireless



**Brand:** Dino-Lite

**Product Code:** WF4915ZT - Wireless

## Short Description

1.3 Megapixel Edge sensor

Extended Depth of Field (EDOF)

Extended Dynamic Range (EDR)

Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

## Description

The Dino-Lite WF4915ZT is a Wireless model that is part of the Universal series. Go from wireless to wired and back in an instant. Work wired via USB or work wireless with the attachable WF-20 Wireless adapter.



USB 2.0



1,3 Megapixels  
1280 x 1024



Adjustable  
~20x-220x



Magnification  
lock



Polarizer  
anti-reflection



Measurement  
functionality



Flexible LED  
Control FLC



Standard working  
distance



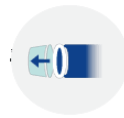
Automatic  
Magnification  
Reading (AMR)



Extended  
Depth Of Field  
EDOF



Extended  
Dynamic  
Range EDR



Exchangeable  
cap

The WF4915ZT is equipped with premium features such as Extended Depth of Field (EDOF), Extended Dynamic Range (EDR), Flexible LED Control (FLC), integrated polarizer, extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

### **The main features of the WF4915ZT are:**

- Completely wireless solution (including WF20)
- 20-220x magnification
- 1.3 Megapixel Edge sensor
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

*(\*EDOF/EDR only functions under Windows OS)*

### **Working distance/ field of view/ depth of field:**

| MAGNIFICATION RATE<br><b>Listed values may differ slightly</b> | WORKING DISTANCE *<br><b>* Without front cap</b> | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD<br><b>Unit = mm</b> |
|----------------------------------------------------------------|--------------------------------------------------|------------------|------------------|------------------------------------|
| 20                                                             | 60.2                                             | 19.5             | 14.6             | 2.5                                |
| 30                                                             | 33.5                                             | 13.0             | 9.7              | 1.8                                |
| 40                                                             | 20.9                                             | 9.8              | 7.3              | 1.5                                |
| 50                                                             | 13.9                                             | 7.8              | 5.8              | -                                  |
| 60                                                             | 9.7                                              | 6.5              | 4.8              | -                                  |
| 70                                                             | 7.1                                              | 5.6              | 4.2              | 1.0                                |

|     |      |     |     |     |
|-----|------|-----|-----|-----|
| 80  | 5.5  | 4.9 | 3.6 | -   |
| 90  | 4.5  | 4.3 | 3.2 | -   |
| 100 | 4.1  | 3.9 | 2.9 | -   |
| 110 | 4.0  | 3.6 | 2.7 | -   |
| 120 | 4.1  | 3.3 | 2.4 | -   |
| 130 | 4.5  | 3.0 | 2.2 | -   |
| 140 | 5.0  | 2.8 | 2.1 | -   |
| 150 | 5.6  | 2.6 | 1.9 | -   |
| 160 | 6.3  | 2.4 | 1.8 | -   |
| 170 | 7.1  | 2.3 | 1.7 | -   |
| 180 | 8.0  | 2.2 | 1.6 | -   |
| 190 | 8.9  | 2.1 | 1.5 | -   |
| 200 | 9.9  | 2.0 | 1.5 | -   |
| 210 | 10.9 | 1.9 | 1.4 | -   |
| 220 | 11.9 | 1.8 | 1.3 | 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           | 20-220x                                       |
| Macro zoom              | No                                            |
| Working distance        | Standard                                      |
| 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 10.11.6 and up   |
| Included 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 (Windows) | WMV, FLV, SWF                                                                                                                                                                                       |
| Supported image formats (MacOS)   | JPEG, PNG                                                                                                                                                                                           |
| Supported video formats (MacOS)   | MOV                                                                                                                                                                                                 |
| Imaging standards                 | DirectShow, UVC                                                                                                                                                                                     |
| Wifi                              | Yes                                                                                                                                                                                                 |
| <b>Housing</b>                    |                                                                                                                                                                                                     |
| Housing material                  | Composite/ plastic housing                                                                                                                                                                          |
| Dimensions                        | 11.4cm (L) x 3.3cm (D)                                                                                                                                                                              |
| Weight                            | 111g                                                                                                                                                                                                |
| Cable length                      | 1.8m                                                                                                                                                                                                |
| <b>Features</b>                   |                                                                                                                                                                                                     |
| Special feature                   | Automatic Magnification Reading (AMR), Extended Dynamic Range (EDR), Extended Depth of Field (EDOF), Flexible LED Control (FLC)                                                                     |
| Measurement                       | Yes                                                                                                                                                                                                 |
| Calibration                       | Yes                                                                                                                                                                                                 |
| Microtouch sensor                 | Yes                                                                                                                                                                                                 |
| ESD safe                          | No                                                                                                                                                                                                  |
| <b>Information</b>                |                                                                                                                                                                                                     |
| Package contents                  | Microscope, WF-20, 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                       | €1100,00 - €1300,00                                                                                                                                                                                 |

## Product Gallery