

# WF4515ZT - Wireless



**Brand:** Dino-Lite

**Product Code:** WF4515ZT

## Short Description

1.3 Megapixel Edge sensor

20-220x magnification

Adjustable polarizer

Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

## Description

The Dino-Lite WF4515ZT 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



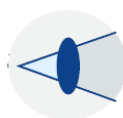
1,3 Megapixels  
1280 x 1024



Adjustable  
~20x-220x



Exchangeable  
cap



Polarizer  
anti-reflection



Measurement  
functionality



Flexible LED  
Control FLC



Automatic  
Magnification  
Reading (AMR)



Magnification  
lock



Standard working  
distance

The WF4515ZT is equipped with premium features such as Flexible LED Control (FLC), integrated polarizer, extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

**The main features of the WF4515ZT are:**

- Completely wireless solution (including WF20)
- 20-220x magnification
- 1.3 Megapixel Edge sensor
- Automatic Magnification Reading (AMR)
- Adjustable polarizer
- Flexible LED Control (FLC)
- 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      |
| 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 (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                                                                   |
| Imaging standards                 | DirectShow, UVC                                                       |

|                      |                                                                                                                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wifi                 | Yes                                                                                                                                                                                                             |
| Housing              |                                                                                                                                                                                                                 |
| Housing material     | Composite/ plastic housing                                                                                                                                                                                      |
| Dimensions           | 11.4cm (L) x 3.3cm (D)                                                                                                                                                                                          |
| Weight               | 111g                                                                                                                                                                                                            |
| Cable length         | 1.8m                                                                                                                                                                                                            |
| Features             |                                                                                                                                                                                                                 |
| Special feature      | Automatic Magnification Reading (AMR),<br>Flexible LED Control (FLC)                                                                                                                                            |
| Measurement          | Yes                                                                                                                                                                                                             |
| Calibration          | Yes                                                                                                                                                                                                             |
| Microtouch sensor    | Yes                                                                                                                                                                                                             |
| ESD safe             | No                                                                                                                                                                                                              |
| Information          |                                                                                                                                                                                                                 |
| Package contents     | Microscope, WF-20, carry pouch, software CD,<br>calibration target, user manual, N3C-O- Open cap,<br>N3C-C- Closed cap, N3C-D- diffuser cap, N3C-E-<br>Extension cap, N3C-L- Long cap, N3C-S- Side<br>light cap |
| Warranty information | 2 years European warranty                                                                                                                                                                                       |
| Regulatory approval  | CE, FCC, ROHS                                                                                                                                                                                                   |
| Price range          | €900,00 - €1100,00                                                                                                                                                                                              |

## Product Gallery