

# AF4915ZTL



**Marca:** Dino-Lite

**Código del producto:** AF4915ZTL

## Short Description

1.3 Megapixel Edge sensor  
Extended Depth of Field (EDOF)  
Extended Dynamic Range (EDR)  
Flexible LED Control (FLC)  
Automatic Magnification Reading (AMR)

## Descripción

The Dino-Lite AF4915ZTL is part of the Long Working Distance (LWD) series and connects to your device via USB. The AF4915ZTL is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.



USB 2.0



1,3 Megapixels  
1280 x 1024



Adjustable  
~10x - 140x



Magnification  
lock



Polarizer  
anti-reflection



Measurement  
functionality



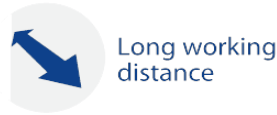
Flexible LED  
Control FLC



Exchangeable  
cap



Automatic  
Magnification  
Reading (AMR)



The AF4915ZTL 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 AF4915ZTL are:**

- Wireless-ready, requires the WF-20 adapter (optional)
- 10-140x magnification
- 1.3 Megapixel Edge sensor
- Adjustable polarizer
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- And more...

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

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

| Magnification Rate                       | Working Distance *         | Field of View(x) | Field of View(y) | Depth of Field   |
|------------------------------------------|----------------------------|------------------|------------------|------------------|
| <b>Listed values may differ slightly</b> | <b>* Without front cap</b> |                  |                  | <b>Unit = mm</b> |
| 10                                       | 234.5                      | 39.0             | 31.2             | 12               |
| 20                                       | 112.5                      | 19.5             | 15.6             | 4.5              |
| 30                                       | 72.5                       | 13.0             | 10.4             | 3.1              |
| 40                                       | 54.5                       | 9.8              | 7.8              | 1.8              |
| 50                                       | 43.5                       | 7.8              | 6.2              | 1.2              |
| 60                                       | 37.5                       | 6.5              | 5.2              | 0.9              |
| 70                                       | 33.7                       | 5.6              | 4.5              | 0.6              |
| 80                                       | 31.3                       | 4.9              | 3.9              | 0.5              |

|     |      |     |     |      |
|-----|------|-----|-----|------|
| 90  | 29.9 | 4.3 | 3.5 | 0.37 |
| 100 | 29.2 | 3.9 | 3.1 | 0.28 |
| 110 | 29.1 | 3.5 | 2.8 | 0.22 |
| 120 | 29.3 | 3.3 | 2.6 | 0.17 |
| 130 | 29.8 | 3.0 | 2.4 | 0.12 |
| 140 | 30.5 | 2.8 | 2.2 | 0.09 |

## Especificación

| Lighting                          |                                                                       |
|-----------------------------------|-----------------------------------------------------------------------|
| Light/ LED type                   | White                                                                 |
| Light/ LED type                   | Wireless-ready, requires the WF-20 adapter (optional)                 |
| 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                     | 10-140x                                                               |
| Macro zoom                        | No                                                                    |
| Working distance                  | Long                                                                  |
| 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 10.12 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                                                                                                                                                                                          |
| <b>Housing</b>       |                                                                                                                                                                                                          |
| Housing material     | Composite/ plastic housing                                                                                                                                                                               |
| Magnification lock   | Yes                                                                                                                                                                                                      |
| Dimensions           | 11.4cm (L) x 3.3cm (D)                                                                                                                                                                                   |
| Weight               | 111g                                                                                                                                                                                                     |
| Cable length         | 1.8m                                                                                                                                                                                                     |
| <b>Features</b>      |                                                                                                                                                                                                          |
| Special feature      | Automatic Magnification Reading (AMR),<br>Extended Dynamic Range (EDR), Extended Depth<br>of Field (EDOF), Flexible LED Control (FLC)                                                                    |
| Measurement          | Yes                                                                                                                                                                                                      |
| Calibration          | Yes                                                                                                                                                                                                      |
| Microtouch sensor    | Yes                                                                                                                                                                                                      |
| ESD safe             | No                                                                                                                                                                                                       |
| <b>Information</b>   |                                                                                                                                                                                                          |
| Package contents     | Microscope, carry pouch, software CD, calibration<br>target, user manual, N3C-O- Open cap, N3C-C-<br>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          | €700,00 - €800,00                                                                                                                                                                                        |

## **Product Gallery**