

# AF4115ZTL



**Brand:** Dino-Lite  
**Product Code:** AF4115ZTL

## Short Description

1.3 Megapixel Edge sensor  
10-140x magnification  
Flexible LED Control (FLC)  
Polarizer  
Wireless-ready

## Description

The Dino-Lite AF4115ZTL is part of Long Working Distance (LWD) series and connects to your device via USB. The AF4115ZTL 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



Long working  
distance



Polarizer  
anti-reflection



Measurement  
functionality



Flexible LED  
Control FLC



Magnification  
lock



Exchangeable  
cap

The AF4115ZTL is equipped with premium features such as Flexible LED Control

(FLC), integrated polarizer, extensive measurement functionality.

**The main features of the AF4115ZTL are:**

- Wireless-ready, requires the WF-20 adapter (optional)
- 10-140x magnification
- 1.3 Megapixel Edge sensor
- Integrated polarizer (anti-reflection)
- Extensive measurement functionality
- 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   |
|------------------------------------------|----------------------------|------------------|------------------|------------------|
| <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             |

**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                                                           |
| <b>Optics</b>                     |                                                                       |
| Magnification                     | 10-140x                                                               |
| Macro zoom                        | No                                                                    |
| Working distance                  | Long                                                                  |
| Lens type                         | Glass with anti-reflection coating                                    |
| <b>Sensor</b>                     |                                                                       |
| Sensor type                       | CMOS                                                                  |
| Resolution                        | 1.3 Megapixel (1280x1024)                                             |
| Maximum frame rate                | 30 fps                                                                |
| <b>Compatibility</b>              |                                                                       |
| 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                                                       |
| Wifi                              | Wireless-ready, requires the WF-20 adapter (optional)                 |
| <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                   | Flexible LED Control (FLC)                                            |
| Measurement                       | Yes                                                                   |
| Calibration                       | Yes                                                                   |
| Microtouch sensor                 | Yes                                                                   |
| ESD safe                          | No                                                                    |

| 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-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          | €500,00 - €600,00                                                                                                                                                                            |

## Product Gallery