

# AF4515ZTL



**Marke:**

**Artikelnummer:** AF4515ZTL

## Short Description

1.3 Megapixel Edge sensor

10-140x magnification

Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

Wireless-ready

## Beschreibung

The Dino-Lite AF4515ZTL is part of Long Working Distance (LWD) series and connects to your device via USB. The AF4515ZTL 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



Exchangeable  
cap



Polarizer  
anti-reflection



Measurement  
functionality



Long working  
distance



Automatic  
Magnification  
Reading (AMR)



Flexible LED  
Control FLC



The AF4515ZTL 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 AF4515ZTL are:**

- 1.3 Megapixel Edge sensor
- 10-140x magnification
- Adjustable polarizer
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- Wireless-ready, requires the F-20 adapter (optional)
- And more...

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

| Magnification<br>Rate                            | Working<br>Distance *          | Field of View(x) | Field of<br>View(y) | Depth of Field   |
|--|--------------------------------|------------------|---------------------|------------------|
| <b>Listed values<br/>may differ<br/>slightly</b> | <b>* Without front<br/>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             |

## Spezifikation

|                                   |   |
|-----------------------------------|---|
| 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 ~ 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                             |
| 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)                 |
| Housing                           |   |
| Housing material                  | Composite/ plastic housing  |
| Magnification lock                | Yes   |
| Dimensions                        | 11.4cm (L) x 3.3cm (D)  |
| Weight                            | 111g  |
| Cable length                      | 1.8m  |

| Features             |  |
|----------------------|--|
| Special feature      | Automatic Magnification Reading (AMR), 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