

# AF4115ZT



**Brand:** Dino-Lite

**Product Code:** AF4115ZT

## Short Description

1.3 Megapixel Edge sensor

20-220x magnification

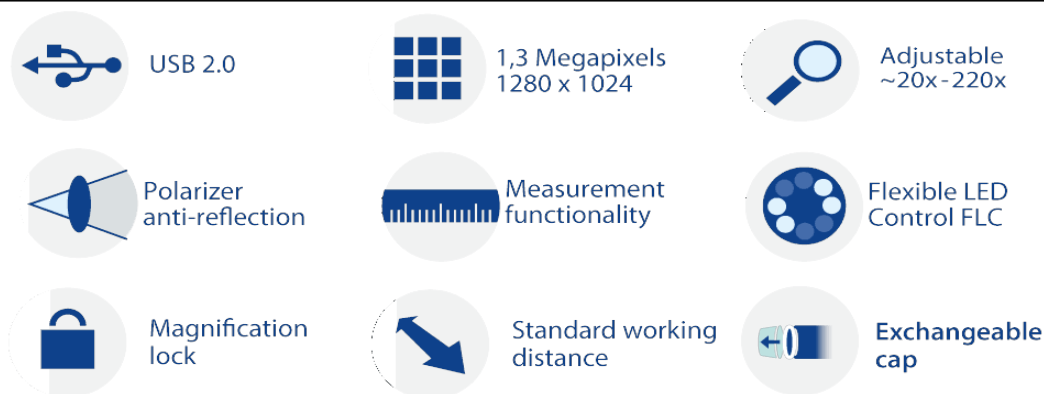
Adjustable Polarizer

Flexible LED Control (FLC)

Extensive measurement functionality

## Description

The Dino-Lite AF4115ZT is part of Universal series and connects to your device via USB. The AF4115ZT is Wireless-ready, but requires the (optional) [WF-20](#) to make it a fully wireless solution.



The AF4115ZT is equipped with premium features such as Flexible LED control (FLC),

integrated polarizer, extensive measurement functionality.

**The main features of the AF4115ZT are:**

- Wireless-ready, requires the WF-20 adapter (optional)
- 20-220x magnification
- 1.3 Megapixel Edge sensor
- Adjustable polarizer
- Flexible LED Control (FLC)
- And more...

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

| <b>MAGNIFICATION RATE</b>                | <b>WORKING DISTANCE *</b>  | <b>FIELD OF VIEW(X)</b> | <b>FIELD OF VIEW(Y)</b> | <b>DEPTH OF FIELD</b> |
|------------------------------------------|----------------------------|-------------------------|-------------------------|-----------------------|
| <b>20</b>                                | 60.2                       | 19.5                    | 15.6                    | 2.5                   |
| <b>30</b>                                | 33.5                       | 13                      | 10.4                    | 1.8                   |
| <b>40</b>                                | 20.9                       | 9.8                     | 7.8                     | 1.5                   |
| <b>50</b>                                | 13.9                       | 7.8                     | 6.3                     |                       |
| <b>60</b>                                | 9.7                        | 6.5                     | 5.2                     |                       |
| <b>70</b>                                | 7.1                        | 5.6                     | 4.5                     | 1.0                   |
| <b>80</b>                                | 5.5                        | 4.9                     | 3.9                     |                       |
| <b>90</b>                                | 4.5                        | 4.3                     | 3.5                     |                       |
| <b>100</b>                               | 4.1                        | 3.9                     | 3.1                     |                       |
| <b>110</b>                               | 4                          | 3.6                     | 2.8                     |                       |
| <b>120</b>                               | 4.1                        | 3.3                     | 2.6                     |                       |
| <b>130</b>                               | 4.5                        | 3                       | 2.4                     |                       |
| <b>140</b>                               | 5                          | 2.8                     | 2.2                     |                       |
| <b>150</b>                               | 5.6                        | 2.6                     | 2.1                     |                       |
| <b>160</b>                               | 6.3                        | 2.4                     | 2                       |                       |
| <b>170</b>                               | 7.1                        | 2.3                     | 1.8                     |                       |
| <b>180</b>                               | 8                          | 2.2                     | 1.7                     |                       |
| <b>190</b>                               | 8.9                        | 2.1                     | 1.6                     |                       |
| <b>200</b>                               | 9.9                        | 2                       | 1.6                     |                       |
| <b>210</b>                               | 10.9                       | 1.9                     | 1.5                     |                       |
| <b>220</b>                               | 11.9                       | 1.8                     | 1.4                     | 0.1                   |
| <b>Listed values may differ slightly</b> | <b>* Without front cap</b> |                         |                         | <b>Unit = mm</b>      |

## 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 10.12 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)                 |
| Housing                           |                                                                       |
| Housing material                  | Composite/ plastic housing                                            |
| Dimensions                        | 11.4cm (L) x 3.3cm (D)                                                |
| Weight                            | 111g                                                                  |
| Cable length                      | 1.8m                                                                  |
| Features                          |                                                                       |
| 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