

# AF4515ZT



**Značka:**

**Kód produktu:** AF4515ZT

## Short Description

1.3 Megapixel Edge sensor

20x ~ 220x magnification

Adjustable polarizer

Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

## Popis

The Dino-Lite AF4515ZT is part of Universal series and connects to your device via USB. The AF4515ZT is Wireless-ready, but requires the (optional) [WF-20](#) to make it a fully wireless solution.



USB 2.0



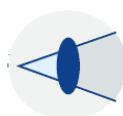
1,3 Megapixels  
1280 x 1024



Adjustable  
~20x-220x



Exchangeable  
cap



Polarizer  
anti-reflection



Measurement  
functionality



Flexible LED  
Control FLC



Automatic  
Magnification  
Reading (AMR)



Magnification  
lock



Standard working  
distance

The AF4515ZT 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 AF4515ZT are:**

- Wireless-ready, requires the WF-20 adapter (optional)
- 20x ~ 220x magnification
- 1.3 Megapixel Edge sensor
- Adjustable polarizer
- Automatic Magnification Reading (AMR)
- 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> |

## Specifikace

| 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                     | 20x ~ 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                             |
| 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                                                                                                                                                                   |
| Dimensions           | 11.4cm (L) x 3.3cm (D)                                                                                                                                                                       |
| Weight               | 111g                                                                                                                                                                                         |
| Cable length         | 1.8m                                                                                                                                                                                         |
| <b>Features</b>      |                                                                                                                                                                                              |
| Special feature      | Automatic Magnification Reading (AMR),<br>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 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