

AF4535ZTLE

Brand:

Product Code: AF4535ZTLE

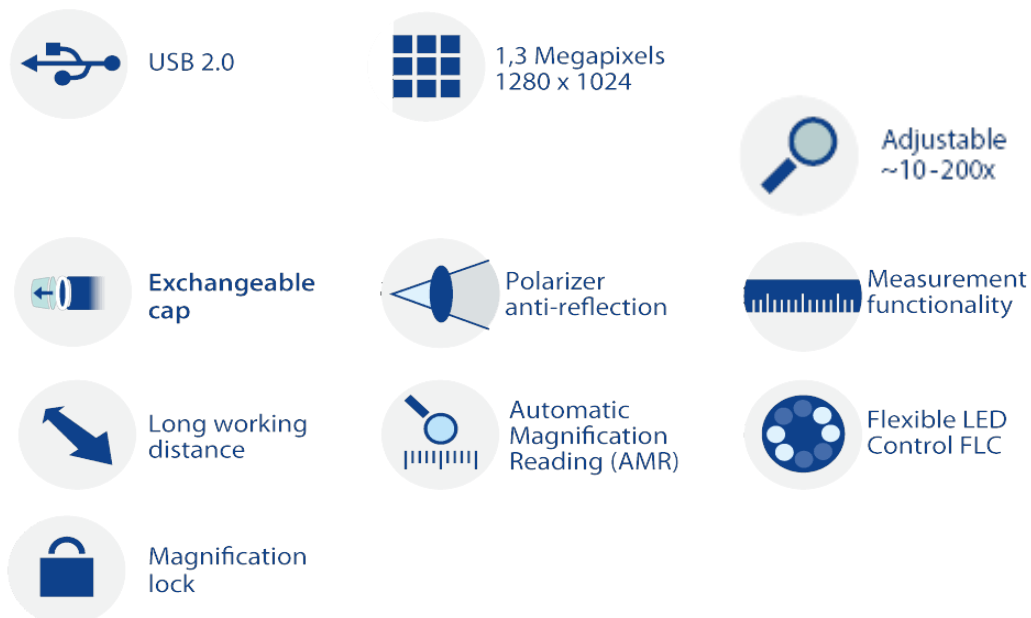
Short Description

1.3 Megapixel Edge sensor
 10x~200x magnification
 Flexible LED Control (FLC)
 Automatic Magnification Reading (AMR)
 Wireless-ready

Description

The Dino-Lite AF4535ZTLE is part of Long Working Distance (LWD) series and connects to your device via USB. The AF4535ZTLE is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.

In comparison, the AF4x35 series provides a similar working distance range but achieves higher magnifications compared to the AM4x15 series.



The AF4535ZTLE 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 AF4535ZTLE are:

- 1.3 Megapixel Edge sensor
- 10x~200x 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 Rate | Working Distance * | Field of View(x) | Field of View(y) | Depth of Field |
|-----------------------------------|---------------------|------------------|------------------|----------------|
| Listed values may differ slightly | * Without front cap | | | Unit = mm |
| 10 | 355.8 | 39.1 | 29.3 | 55.2 |
| 20 | 173.0 | 19.5 | 14.7 | 14.5 |
| 30 | 113.1 | 13.0 | 9.8 | 6.7 |
| 40 | 83.8 | 9.8 | 7.3 | 3.9 |
| 50 | 66.8 | 7.8 | 5.9 | 2.6 |
| 60 | 55.9 | 6.5 | 4.9 | 1.9 |
| 70 | 48.6 | 5.6 | 4.2 | 1.5 |
| 80 | 43.4 | 4.9 | 3.7 | 1.2 |
| 90 | 39.8 | 4.3 | 3.3 | 1.0 |
| 100 | 37.1 | 3.9 | 2.9 | 0.8 |
| 110 | 35.2 | 3.6 | 2.7 | 0.7 |
| 120 | 33.8 | 3.3 | 2.4 | 0.6 |
| 130 | 32.9 | 3.0 | 2.3 | 0.5 |
| 140 | 32.3 | 2.8 | 2.1 | 0.5 |
| 150 | 32.0 | 2.6 | 2.0 | 0.4 |
| 160 | 31.8 | 2.4 | 1.8 | 0.4 |
| 170 | 31.9 | 2.3 | 1.7 | 0.4 |
| 180 | 32.1 | 2.2 | 1.6 | 0.3 |
| 190 | 32.5 | 2.1 | 1.5 | 0.3 |
| 200 | 33.0 | 2.0 | 1.5 | 0.3 |

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 | 10x~200x |
| 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 | €550,00 - €750,00 |

Product Gallery