

AF4535ZTE

Merk:

Productcode: AF4535ZTE

Korte omschrijving

1.3 Megapixel Edge sensor

10x~330x magnification

Adjustable polarizer

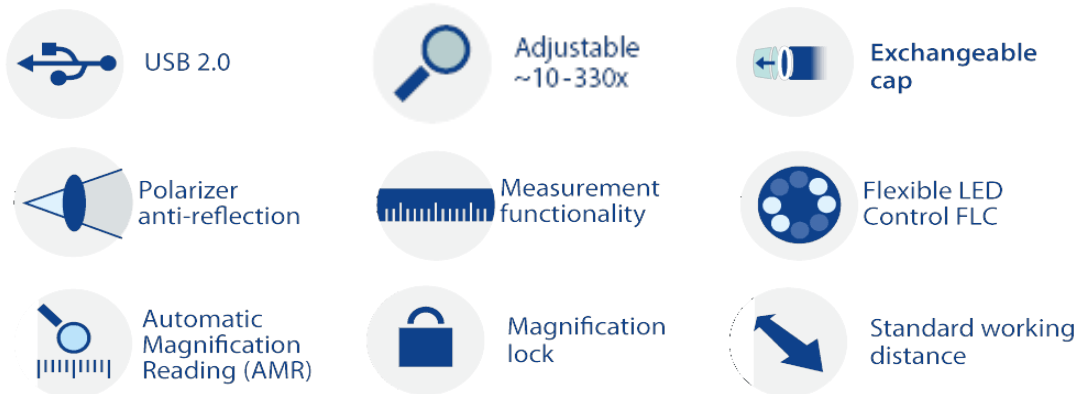
Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

Omschrijving

The Dino-Lite AF4535ZTE is part of Universal series and connects to your device via USB. The AF4535ZTE 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 AF4535ZTE 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 AF4535ZTE are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 10x~330x 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

| MAGNIFICATION RATE | WORKING DISTANCE * | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|---------------------------|---------------------------|-------------------------|-------------------------|-----------------------|
| 10 | 98.9 | 19.5 | 14.7 | 14.6 |
| 30 | 58.5 | 13.0 | 9.8 | 6.8 |
| 40 | 38.7 | 9.8 | 7.3 | 4.0 |
| 50 | 27.2 | 7.8 | 5.9 | 2.7 |
| 60 | 19.9 | 6.5 | 4.9 | 2.0 |
| 70 | 14.9 | 5.6 | 4.2 | 1.5 |
| 80 | 11.5 | 4.9 | 3.7 | 1.2 |
| 90 | 9.0 | 4.3 | 3.3 | 1.0 |
| 100 | 7.2 | 3.9 | 2.9 | 0.8 |
| 110 | 5.9 | 3.6 | 2.7 | 0.7 |
| 120 | 4.9 | 3.3 | 2.4 | 0.6 |
| 130 | 4.3 | 3.0 | 2.3 | 0.5 |
| 140 | 3.9 | 2.8 | 2.1 | 0.5 |
| 150 | 3.7 | 2.6 | 2.0 | 0.4 |
| 160 | 3.6 | 2.4 | 1.8 | 0.4 |
| 170 | 3.7 | 2.3 | 1.7 | 0.4 |
| 180 | 3.8 | 2.2 | 1.6 | 0.3 |
| 190 | 4.1 | 2.1 | 1.5 | 0.3 |
| 200 | 4.4 | 2.0 | 1.5 | 0.3 |
| 210 | 4.7 | 1.9 | 1.4 | 0.3 |
| 220 | 5.2 | 1.8 | 1.3 | 0.2 |
| 230 | 5.6 | 1.7 | 1.3 | 0.2 |
| 240 | 6.2 | 1.6 | 1.2 | 0.2 |
| 250 | 6.7 | 1.6 | 1.2 | 0.2 |
| 260 | 7.3 | 1.5 | 1.1 | 0.2 |
| 270 | 7.9 | 1.4 | 1.1 | 0.2 |
| 280 | 8.5 | 1.4 | 1.0 | 0.2 |
| 290 | 9.2 | 1.3 | 1.0 | 0.2 |
| 300 | 9.9 | 1.3 | 1.0 | 0.2 |
| 310 | 10.6 | 1.3 | 0.9 | 0.2 |
| 320 | 11.3 | 1.2 | 0.9 | 0.1 |

330

12.0

1.2

0.9

0.1

Listed values
may differ
slightly

* Without front
cap

Unit = mm

Specificatie

| Verlichting | |
|--------------------------------------|---|
| Licht / LED-type | White |
| Aantal leds | 8 |
| LED aan / uit schakelbaar: | Yes |
| Infrarood filter | IR cut-filter >650 nm |
| Diffusor beschikbaar | Yes (N3C-D included) |
| Emissiefilter | No |
| Polarisator | Yes, linear |
| Optiek | |
| Vergroting | 10x~330x |
| Macro zoom | No |
| Werkafstand | Standard |
| Type lens | Glass with anti-reflection coating |
| Sensor | |
| Sensortype | CMOS |
| Resolutie | 1.3 Megapixel (1280x1024) |
| Maximale framesnelheid | 30 fps |
| Compatibiliteit | |
| Interface | USB 2.0 |
| Besturingssysteem | Windows 7, 8, 10 & 11, MacOS 10.12 and up |
| Software | DinoCapture 2.0 (Windows), DinoXcope (Mac OS) |
| Ondersteunde beeldformaten (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX |
| Ondersteunde videoformaten (Windows) | WMV, FLV, SWF |
| Ondersteunde beeldformaten (MacOS) | JPEG, PNG |
| Ondersteunde videoformaten (MacOS) | MOV |
| Beeldvormingsnormen | DirectShow, UVC |
| Wifi | Wireless-ready, requires the WF-20 adapter (optional) |

| Behuizing | |
|----------------------------|--|
| Materiaal van de behuizing | Composite/ plastic housing |
| Afmetingen | 11.4cm (L) x 3.3cm (D) |
| Gewicht | 111g |
| Kabellengte | 1.8m |
| Kenmerken | |
| Bijzonderheid | Automatic Magnification Reading (AMR), Flexible LED Control (FLC) |
| Meting | Yes |
| Kalibratie | Yes |
| Microtouch-sensor | Yes |
| ESD veilig | No |
| Informatie | |
| Inhoud van de verpakking | 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 |
| Garantie-informatie | 2 years European warranty |
| Regelgevende goedkeuring | CE, FCC, ROHS |
| Prijsklasse | €550,00 - €750,00 |

Product galerij