

AF4135ZTE



Marke:

Artikelnummer: AF4135ZTE

Short Description

1.3 Megapixel Edge sensor
10x~330x magnification
Adjustable Polarizer
Flexible LED Control (FLC)
Extensive measurement functionality

Beschreibung

The AF4135ZTE excels with its versatile magnification range of 10x~330x, ensuring detailed exploration across various applications. This model also includes a polarizer, features FLC, and is compatible with the WF-20 Wi-Fi streamer.

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



USB 2.0



1,3 Megapixels
1280 x 1024



Adjustable
~10-330x



Polarizer
anti-reflection



Measurement
functionality



Flexible LED
Control FLC



Magnification lock



Standard working distance



Exchangeable cap

The AF4135ZTE is equipped with premium features such as Flexible LED control (FLC), integrated polarizer, extensive measurement functionality.

The main features of the AF4135ZTE are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 10x~330x magnification
- 1.3 Megapixel Edge sensor
- Adjustable polarizer
- 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 |

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 | 10-330x |
| 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 | JPEG, PNG |

| | |
|------------------------------------|--|
| (MacOS) | |
| 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 |
| 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 |