

# AF4135ZTLE

**Marca:**

**Codice del prodotto:** AF4135ZTLE

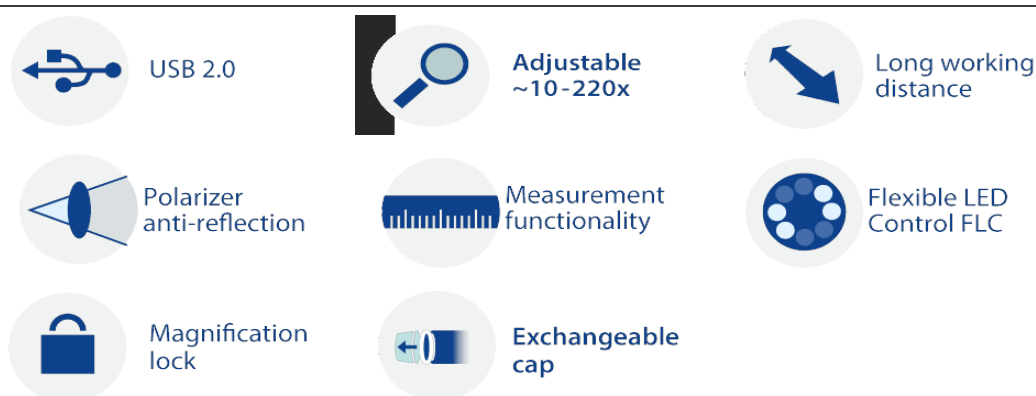
## Short Description

1.3 Megapixel Edge sensor  
10x~200x magnification  
Flexible LED Control (FLC)  
Polarizer  
Wireless-ready

## Descrizione

The Dino-Lite AF4135ZTLE is part of Long Working Distance (LWD) series and connects to your device via USB. The AF4135ZTLE 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.



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The AF4135ZTLE is equipped with premium features such as Flexible LED Control (FLC), integrated polarizer, extensive measurement functionality.

## The main features of the AF4135ZTLE are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 10x~200x magnification
- 1.3 Megapixel Edge sensor

- Integrated polarizer (anti-reflection)
- Extensive measurement functionality
- 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   |
|--|----------------------------|------------------|------------------|------------------|
| <b>Listed values may differ slightly</b> | <b>* Without front cap</b> |                  |                  | <b>Unit = mm</b> |
| 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              |

### Specifich

| 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  |
| <b>Optics</b>                     |  |
| Magnification                     | 10x ~ 200x   |
| Macro zoom                        | No   |
| Working distance                  | Long   |
| Lens type                         | Glass with anti-reflection coating   |
| <b>Sensor</b>                     |  |
| Sensor type                       | CMOS   |
| Resolution                        | 1.3 Megapixel (1280x1024)  |
| Maximum frame rate                | 30 fps   |
| <b>Compatibility</b>              |  |
| 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   |
| Magnification lock                | Yes  |
| Dimensions                        | 11.4cm (L) x 3.3cm (D)   |
| Weight                            | 111g   |
| Cable length                      | 1.8m   |
| <b>Features</b>                   |  |
| Special feature                   | 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-<br>Extension cap, N3C-L- Long cap, N3C-S- Side<br>light cap |
| Warranty information | 2 years European warranty   |
| Regulatory approval  | CE, FCC, ROHS   |
| Price range          | €550,00 - €750,00   |

**Product Gallery**