

# AF4935ZTLE

**Merk:**

**Productcode:** AF4935ZTLE

## Korte omschrijving

10x~200x magnification

Extended Depth of Field (EDOF)

Extended Dynamic Range (EDR)

Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

## Omschrijving

The Dino-Lite AF4935ZTLE is part of the Long Working Distance (LWD) series and connects to your device via USB. The AF4935ZTLE 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 AF4935ZTLE is equipped with premium features such as Extended Depth of Field (EDOF), Extended Dynamic Range (EDR), Flexible LED Control (FLC), integrated polarizer, extensive measurement functionality and Automatic Magnification Reading (AMR) for measurement-intensive applications.

**The main features of the AF4935ZTLE are:**

- Wireless-ready, requires the WF-20 adapter (optional)
- 10x~200x magnification
- 1.3 Megapixel Edge sensor
- Adjustable polarizer
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- And more...

*(\*EDOF/EDR only functions under Windows OS)*

**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	357.7	39.1	29.3	55.3
20	174.6	19.5	14.7	14.5
30	114.5	13.0	9.8	6.7
40	85.2	9.8	7.3	4.1
50	68.2	7.8	5.9	2.9
60	57.3	6.5	4.9	2.2
70	50.0	5.6	4.2	1.7
80	44.8	4.9	3.7	1.4
90	41.1	4.3	3.3	1.2
100	38.4	3.9	2.9	1.0
110	36.5	3.6	2.7	0.9
120	35.1	3.3	2.4	0.8
130	34.2	3.0	2.3	0.7
140	33.6	2.8	2.1	0.7
150	33.3	2.6	2.0	0.6
160	33.2	2.4	1.8	0.5
170	33.3	2.3	1.7	0.5
180	33.5	2.2	1.6	0.5
190	33.8	2.1	1.5	0.4

**Specificatie**

Verlichting	
Licht / LED-type	White
Licht / LED-type	Wireless-ready, requires the WF-20 adapter (optional)
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	
Magnification	10x ~ 200x
Macro zoom	No
Werkafstand	Long
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
Behuizing	
Materiaal van de behuizing	Composite/ plastic housing
Vergrotingslot	Yes
Afmetingen	11.4cm (L) x 3.3cm (D)
Gewicht	111g
Kabellengte	1.8m

Kenmerken	
Bijzonderheid	Automatic Magnification Reading (AMR), Extended Dynamic Range (EDR), Extended Depth of Field (EDOF), 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	€850,00 - €1050,00

## Product galerij