

AF4935ZTE

Productcode: AF4935ZTE

Korte omschrijving

10x~330x magnification
Extended Depth of Field (EDOF)
Extended Dynamic Range (EDR)
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)

Omschrijving

The Dino-Lite AF4935ZTE is part of Universal series and connects to your device via USB. The AF4935ZTE 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.

 USB 2.0	 1,3 Megapixels 1280 x 1024	 Adjustable ~10-330x
 Magnification lock	 Polarizer anti-reflection	 Measurement functionality
 Flexible LED Control FLC	 Standard working distance	 Automatic Magnification Reading (AMR)
 Extended Depth Of Field EDOF	 Extended Dynamic Range EDR	 Exchangeable cap

The AF4935ZTE 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 AF4935ZTE are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 10x~330x 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
10	222.3	39.1	29.3	55.5
20	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

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Yes
Infrarood filter	IR-afsnijfilter > 650 nm
Diffusor beschikbaar	Yes (N3C-D included)
Emissiefilter	No
Polarisator	Yes, linear
Optiek	
Magnification	10x~330x
Macro zoom	No
Werkafstand	Standard
Type lens	Glas met antireflectiecoating
Sensor	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x1024)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.11.16 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), Ext. 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