AF4515ZT



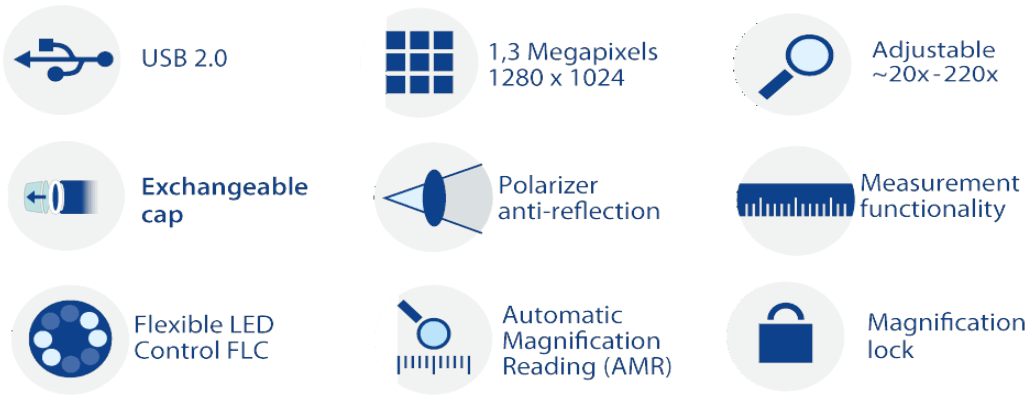
Marke: Dino-Lite
Artikelnummer: AF4515ZT

Short Description

1.3 Megapixel Edge sensor
20-220x magnification
Adjustable polarizer
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)

Beschreibung

The Dino-Lite AF4515ZT is part of Universal series and connects to your device via USB. The AF4515ZT is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.





The AF4515ZT 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 AF4515ZT are:

• Wireless-ready, requires the WF-20 adapter (optional)
• 20-220x 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
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	

210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1
Listed values may differ slightly	*** Without front cap**			**Unit = mm**

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	20-220x
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
Included 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)
Housing	
Housing material	Composite/ plastic housing
Dimensions	11.4cm (L) x 3.3cm (D)
Weight	111g
Cable length	1.8m
Features	
Special feature	Automatic Magnification Reading (AMR), Flexible LED Control (FLC)
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	No
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	€500,00 - €600,00

Product Gallery