AF4915ZT



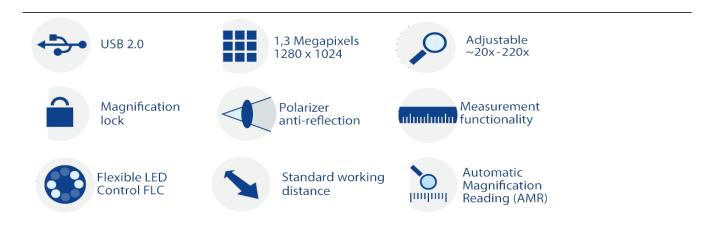
Brand: Product Code: AF4915ZT

Short Description

1.3 Megapixel Edge sensorExtended Depth of Field (EDOF)Extended Dynamic Range (EDR)Flexible LED Control (FLC)Automatic Magnification Reading (AMR)

Description

The Dino-Lite AF4915ZT is part of Universal series and connects to your device via USB. The AF4915ZT is Wireless-ready, but requires the (optional) WF-20 to make it a fully wireless solution.





The AF4915ZT 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 AF4915ZT are:

- Wireless-ready, requires the WF-20 adapter (optional)
- 20x ~ 220x 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:

MAGNIFICAT	I WORKING	FIELD OF	FIELD OF	DEPTH OF	
ON RATE	DISTANCE *	VIEW(X)	VIEW(Y)	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	* Without front			Unit = mm
may differ	cap			
slightly				

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	$20x \sim 220x$
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 10.11.16 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,
(Windows)	PCX, MNG, WBMP, JP2, JPC, PGX
Supported video formats (Windows)	WMV, FLV, SWF
Supported image formats	JPEG, PNG

(MacOS)			
Supported video formats	MOV		
(MacOS)			
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), Ext.		
	Dynamic Range (EDR), Extended Depth of Field		
	(EDOF), 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	€700,00 - €800,00		
Product Gallery			





