# AF4515ZT



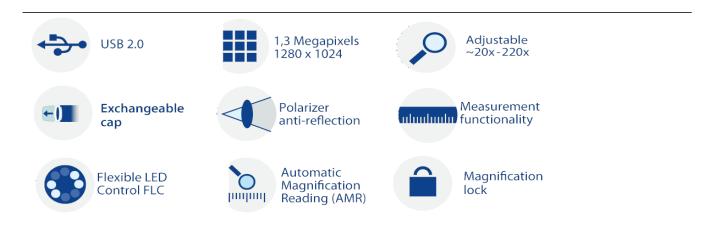
Brand: Product Code: AF4515ZT

## **Short Description**

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

#### Description

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)  $\underline{WF-20}$  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)
- 20x ~ 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

MAGNIFICATI WORKING		FIELD OF	FIELD OF	<b>DEPTH OF</b>
<b>ON RATE</b>	<b>DISTANCE</b> *	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	ţ		Unit = mm
may differ	cap			
slightly				

Specification			
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 ~ 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		
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 (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		