AF4535ZTLE

Marca: Codice del prodotto: AF4535ZTLE

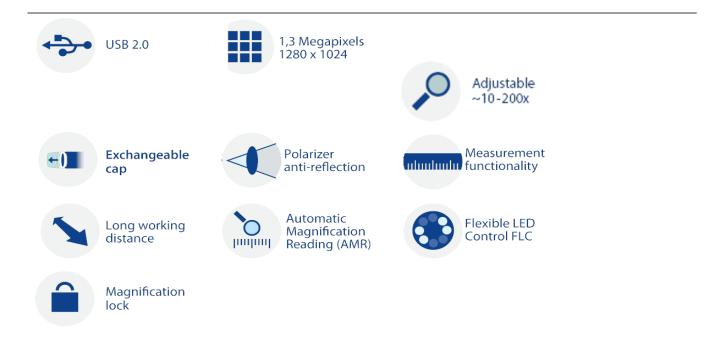
Short Description

1.3 Megapixel Edge sensor10x~200x magnificationFlexible LED Control (FLC)Automatic Magnification Reading (AMR)Wireless-ready

Descrizione

The Dino-Lite AF4535ZTLE is part of Long Working Distance (LWD) series and connects to your device via USB. The AF4535ZTLE 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.



The AF4535ZTLE 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 AF4535ZTLE are:

- 1.3 Megapixel Edge sensor
- 10x~200x magnification
- Adjustable polarizer
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- Wireless-ready, requires the F-20 adapter (optional)
- And more...

Working distance/field of view/depth of field						
Magnification	Working	Field of View(x)	Field of	Depth of Field		
Rate	Distance *		View(y)			
Listed values	* Without front			Unit = mm		
may differ	cap					
slightly						
10	355.8	39.1	29.3	55.2		
20	173.0	19.5	14.7	14.5		
30	113.1	13.0	9.8	6.7		
40	83.8	9.8	7.3	3.9		
50	66.8	7.8	5.9	2.6		
60	55.9	6.5	4.9	1.9		
70	48.6	5.6	4.2	1.5		
80	43.4	4.9	3.7	1.2		
90	39.8	4.3	3.3	1.0		
100	37.1	3.9	2.9	0.8		
110	35.2	3.6	2.7	0.7		
120	33.8	3.3	2.4	0.6		
130	32.9	3.0	2.3	0.5		
140	32.3	2.8	2.1	0.5		
150	32.0	2.6	2.0	0.4		
160	31.8	2.4	1.8	0.4		
170	31.9	2.3	1.7	0.4		
180	32.1	2.2	1.6	0.3		
190	32.5	2.1	1.5	0.3		
200	33.0	2.0	1.5	0.3		

Specifiche

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	10x ~ 200x			
Macro zoom	No			
Working distance	Long			
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	WMV, FLV, SWF			
(Windows)				
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			
Magnification lock	Yes			
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	€550,00 - €750,00
Product Gallery	