Dino-Lite Europe - Phone: - Email:

AM4815ZTL - EDGE



Marca:

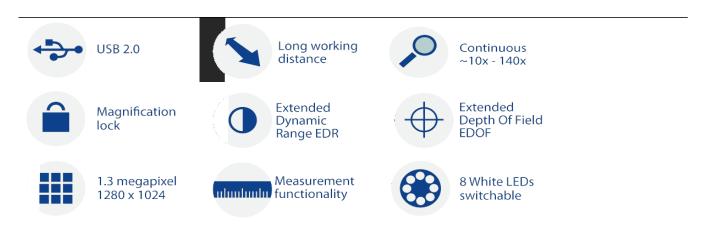
Codice del prodotto: AM4815ZTL

Short Description

1.3 Megapixel Edge sensor Long working distance 10-140x magnification Polarizer (anti-reflection) EDR & EDOF

Descrizione

The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.







With the Extended Dynamic Range (EDR) feature, the details of darker or brighter areas within the object can be revealed by stacking images at different exposure levels. The Extended Depth of Field (EDOF) feature automatically stacks images at different focus level to improve the depth of field on rough or uneven surfaces. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application. Together with the long working distance of up to 23 centimetres the AM4815ZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects.

(*At the moment EDR/EDOF only functions under Windows OS)

Working distance/field of view/depth of field					
MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF	
ON RATE	DISTANCE*	VIEW(X)	VIEW(Y)	FIELD	
Listed values	* Without front			Unit = mm	
may differ	cap				
slightly					
10	234.5	39.0	31.2	12	
20	112.5	19.5	15.6	4.5	
30	72.5	13.0	10.4	3.1	
40	54.5	9.8	7.8	1.8	
50	43.5	7.8	6.2	1.2	
60	37.5	6.5	5.2	0.9	
70	33.7	5.6	4.5	0.6	
80	31.3	4.9	3.9	0.5	
90	29.9	4.3	3.5	0.37	
100	29.2	3.9	3.1	0.28	
110	29.1	3.5	2.8	0.22	
120	29.3	3.3	2.6	0.17	
130	29.8	3.0	2.4	0.12	
140	30.5	2.8	2.2	0.09	

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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	$10x \sim 140x$			
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 10.9 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)				
Imaging standards	DirectShow, UVC			
Wifi	Wireless-ready, requires the WF-10 WiFi streamer			
	(optional)			
Housing				
Housing material	Composite/ plastic housing			
Magnification lock	Yes			
Dimensions	10.5cm (L) x 3.2cm (D)			
Weight	105g			
Cable length	1.8m			
Features				
Special feature	Extended Dynamic Range (EDR), Extended Depth			
•	of Field (EDOF)			
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	€800,00 - €1000,00