## AM4815ZTL - EDGE



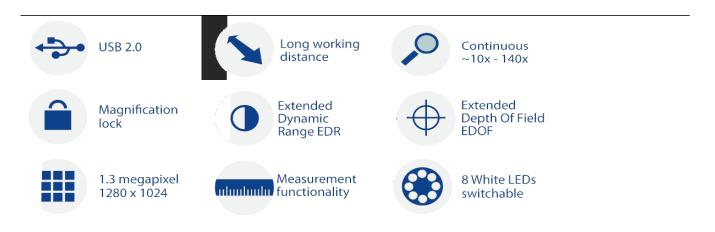
Marque: Code produit: AM4815ZTL

## **Courte description**

1.3 Megapixel Edge sensorLong working distance10-140x magnificationPolarizer (anti-reflection)EDR & EDOF

## Description

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		

## **Spécification**

Lighting

Light/ LED type	White		
0 11	8		
LED on/off switchable:	Yes		
Infrared filter	IR cut-filter >650 nm		
	Yes (N3C-D included)		
	No		
	Yes, linear		
Optics			
-	10x ~ 140x		
_	No		
Working distance	Long		
	Glass with anti-reflection coating		
Sensor	U		
Sensor type	CMOS		
<b>V</b> 1	1.3 Megapixel (1280x1024)		
	30 fps		
Compatibility			
	USB 2.0		
Operating system	Windows 7,8,10 & 11, MacOS 10.9 and up		
Software I	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)		
	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX		
Supported video formats (Windows)	WMV, FLV, SWF		
	DirectShow, UVC		
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)		
Housing			
	Composite/ plastic housing		
	Yes		
_	10.5cm (L) x 3.2cm (D)		
Weight	105g		
	1.8m		
Features			
-	Extended Dynamic Range (EDR), Extended Depth		
Measurement	of Field (EDOF)		
	of Field (EDOF) Yes		
Calibration			
	Yes		
Microtouch sensor	Yes Yes		

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