Dino-Lite Europe - Phone: - Email:

AM7915MZT



Marka: Dino-Lite

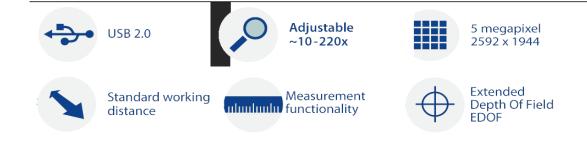
Ürün Kodu: AM7915MZT

Short Description

5 Megapixel resolution Extended Depth of Field (EDOF) Extended Dynamic Range (EDR) Flexible LED Control (FLC) 10-220x magnification

Aç?klama

With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features, the Dino-Lite AM7915MZT is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7915MZT offers superb image quality and color reproduction in a robust, compact and appealing housing.















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. With the built-in Automatic Magnification Reading (AMR), measurements can be performed easily and quickly. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc.

The main features of the AM7915MZT are:

- 5 Megapixel Edge sensor
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- 10-220x magnification
- Adjustable polarizer
- 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
10	-	142.6	39.6	29.7
20	52.7	60.1	19.5	15.6

	- ·	cap		
Listed values may differ slightly		* Without front		Unit = mm
220	11.9	1.8	1.3	0.1
210	10.9	1.9	1.4	
200	9.9	2.0	1.5	
190	8.9	2.1	1.5	
180	8.0	2.2	1.6	
170	7.1	2.3	1.7	
160	6.3	2.4	1.8	
150	5.6	2.6	1.9	
140	5.0	2.8	2.1	
130	4.5	3.0	2.2	
120	4.1	3.3	2.4	
110	4.0	3.6	2.7	
100	4.1	3.9	2.9	
90	4.5	4.3	3.2	
80	5.5	4.9	3.6	
70	7.1	5.6	4.2	1.0
60	9.7	6.5	4.8	
50	13.9	7.8	5.8	
40	20.9	9.8	7.3	1.5
30	33.5	13.0	9.7	1.8

Özellikler

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	10-220x	
Macro zoom	No	
Working distance	Standard	
Lens type	Glass with anti-reflection coating	
Sensor		
Sensor type	CMOS	

Resolution	5 Megapixel (2592x1944)			
Maximum frame rate	30 fps			
Compatibility				
Interface	USB 2.0			
Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 and up			
Included software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)			
Supported image formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX			
Supported video formats (Windows)	WMV, FLV, SWF			
Supported image formats (MacOS)	PNG, JPEG			
Supported video formats (MacOS)	MOV (max 1.3MP)			
Imaging standards	DirectShow, UVC			
Wifi	Wireless-ready, requires the WF-10 WiFi streamer			
	(optional)			
Housing				
Housing material	Metal housing			
Magnification lock	Yes			
Dimensions	10.5cm (L) x 3.2cm (D)			
Weight	137g			
Cable length	1.8m			
Features				
Special feature	Automatic Magnification Reading (AMR), Extended Dynamic Range (EDR), Extended Depth of Field (EDOF), Flexible LED Control (FLC).			
Measurement	Yes			
Calibration	Yes			
Microtouch sensor	Yes			
ESD safe	Yes			
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	€1100,00 - €1300,00			

Product Gallery











