Dino-Lite Europe - Phone: - Email:

AM7915MZT



Marka:

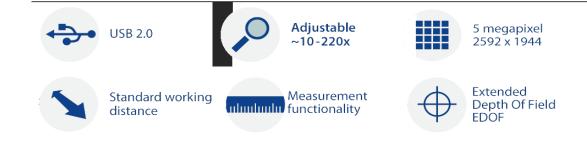
Ürün Kodu: AM7915MZT

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 MAGNIFICATI WORKING FIELD OF

MAGNIFICATI WORKING		FIELD OF	FIELD OF	DEPTH OF	
	ON RATE	DISTANCE *	VIEW (X)	VIEW (Y)	FIELD
	10	136.0	37.8	28.3	
	20	60.2	19.5	14.6	2.5
	30	33.5	13.0	9.7	1.8
	40	20.9	9.8	7.3	1.5
	50	13.9	7.8	5.8	
	60	9.7	6.5	4.8	
	70	7.1	5.6	4.2	1.0

		cap		
Listed values ma	ay 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	

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	$10x \sim 220x$		
Macro zoom	No		
Working distance	Standard		
Lens type	Glass with anti-reflection coating		
Sensor			
Sensor type	CMOS		
Resolution	5.0 Megapixel (2592x1944)		
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)	
Supported image formats	PNG, JPEG
(MacOS)	
Supported video formats	MOV (max 1.3MP)
(MacOS)	
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	138g
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-C (Close Cap), N3C-D
	(Diffuser Cap), N3C-D2 (Opal Diffuser Cap), N3C-
	E (Extended Open Cap), N3C-L (Long Cap), N3C-
	O (Open Cap), N3C-S (Sidelight Cap)
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€1100,00 - €1300,00

Product Gallery











