AM7915MZT



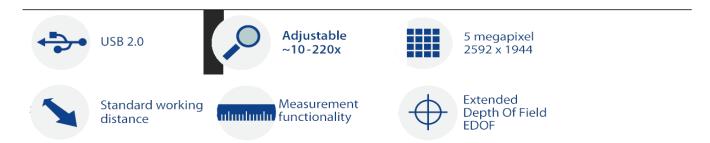
Marke: Artikelnummer: AM7915MZT

Short Description

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

Beschreibung

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			

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
80	5.5	4.9	3.6	
90	4.5	4.3	3.2	
100	4.1	3.9	2.9	
110	4.0	3.6	2.7	
120	4.1	3.3	2.4	
130	4.5	3.0	2.2	
140	5.0	2.8	2.1	
150	5.6	2.6	1.9	
160	6.3	2.4	1.8	
170	7.1	2.3	1.7	
180	8.0	2.2	1.6	
190	8.9	2.1	1.5	
200	9.9	2.0	1.5	
210	10.9	1.9	1.4	
220	11.9	1.8	1.3	0.1
Listed values may differ slightly		* Without front		Unit = mm
		cap		

Spezifikation	
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 ~ 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 (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	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		





