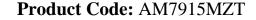
# AM7915MZT





## **Short Description**

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

### **Description**

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		

# Specification

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		

5.0 Megapixel (2592x1944)		
30 fps		
USB 2.0		
Windows 7, 8, 10 & 11, MacOS 10.9 and up		
DinoCapture 2.0 (Windows), DinoXcope (Mac OS)		
BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX		
WMV, FLV, SWF		
PNG, JPEG		
MOV (max 1.3MP)		
DirectShow, UVC		
Wireless-ready, requires the WF-10 WiFi streamer		
(optional)		
Metal housing		
Yes		
10.5cm (L) x 3.2cm (D)		
138g		
1.8m		
Automatic Magnification Reading (AMR), Extended Dynamic Range (EDR), Extended Depth of Field (EDOF), Flexible LED Control (FLC).		
Yes		
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)		
2 years European warranty		
CE, FCC, ROHS €1100,00 - €1300,00		

# **Product Gallery**











