Dino-Lite Europe - Phone: - Email:

# WF7915MZT

**Product Code:** WF7915MZT



## **Short Description**

Wireless
5 Megapixel resolution
Extended Depth of Field (EDOF)
Extended Dynamic Range (EDR)
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)
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 WF7915MZT is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite WF7915MZT 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 WF7915MZT are:

- 5 Megapixel Edge sensor
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Adjustable polarizer
- Flexible LED Control (FLC)
- 10-220x magnification
- Wireless

(\*EDOF/EDR only functions under Windows OS)

### Working distance/field of view/depth of field

M	WD	FOV(x)	FOV (y)	DOF
10	142.6	39.6	29.7	26.0
20	60.1	19.8	14.8	7.0
30	33.6	13.2	9.9	3.3
40	21.0	9.9	7.4	2.0
50	14.0	7.9	5.9	1.4

Listed values ma	ay differ slightly	* Without front cap		Unit = mm
220	12.1	1.8	1.3	0.2
210	11.0	1.9	1.4	0.2
200	10.0	2.0	1.5	0.2
190	9.1	2.1	1.6	0.2
180	8.1	2.2	1.6	0.2
170	7.3	2.3	1.8	0.2
160	6.5	2.5	1.9	0.2
150	5.8	2.6	2.0	0.3
140	5.2	2.8	2.1	0.3
130	4.7	3.0	2.3	0.3
120	4.3	3.3	2.5	0.3
110	4.2	3.6	2.7	0.4
100	4.3	4.0	3.0	0.4
90	4.8	4.4	3.3	0.5
80	5.7	4.9	3.7	0.6
70	7.3	5.7	4.2	0.8
60	9.8	6.6	4.9	1.0

**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		
Resolution	5.0 Megapixel (2592x1944)		
Maximum frame rate	30 fps		
Compatibility			

Interface	USB 2.0	
Operating system	Windows 7, 8, 10 & 11, MacOS 10.11.6 and up (cable only)	
Software	DinoCapture 2.0 (Windows) cable + wireless,	
	DinoXcope (Mac OS) cable only, DinoConnect	
	wireless only	
Supported image formats	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,	
(Windows)	PCX, MNG, WBMP, JP2, JPC, PGX	
Supported video formats (Windows)	WMV, FLV, SWF	
Supported image formats	PNG, JPEG	
(MacOS)		
Supported video formats	MOV (max 1.3MP)	
(MacOS)		
Imaging standards	DirectShow, UVC	
Wifi	Yes	
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	€1500,00 - €1700,00	

# **Product Gallery**

