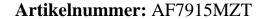
Dino-Lite Europe - Phone: - Email:

AF7915MZT





Short Description

5 Megapixel resolution Extended Depth of Field (EDOF) Extended Dynamic Range (EDR) Flexible LED Control (FLC) Automatic Magnification Reading (AMR) Wireless Ready

Beschreibung

Get the detail you need on the go with the Dino-Lite AF7915MZT high-resolution digital microscope. This 5-megapixel handheld digital microscope includes advanced features like EDOF, FLC, AMR, and EDR, offering versatility for accomplishing a wide variety of tasks. AF7915MZT is compatible with the WF-20 Wi-Fi streamer.

Note: EDOF, EDR, and DPQ are available on Windows PC only.









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 AF7915MZT are:

- 5 Megapixel Edge sensor
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- Automatic Magnification Reading (AMR)
- Adjustable polarizer
- Flexible LED Control (FLC)
- Wireless Ready
- And more...

(*EDOF/EDR only functions under Windows OS)

Optical Data Table

MAGNIFICAT	I WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE *	VIEW(X)	VIEW(Y)	FIELD
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

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	$10x \sim 220x$
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 (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-20 (optional)		
Housing			
Housing material	Metal housing		
Magnification lock	Yes		
Dimensions	11.5cm (L) x 3.4cm (D)		
Weight	97g		
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		