

AF7915MZT

Productcode: AF7915MZT



Korte omschrijving

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

Omschrijving

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.



USB 2.0



Adjustable
~10-220x



5 megapixel
2592 x 1944



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

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF 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

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

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Ja
Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	Yes (N3C-D included)
Emissiefilter	Nee
Polarisator	Yes, linear
Optiek	
Magnification	10x ~ 220x
Macro zoom	No
Werkafstand	Standaard
Type lens	Glas met antireflectiecoating
Sensor	
Sensortype	CMOS
Resolutie	5.0 Megapixel (2592x1944)
Maximale framesnelheid	30 fps
Compatibiliteit	

Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.9 en hoger
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	PNG, JPEG
Ondersteunde videoformaten (MacOS)	MOV (max 1.3MP)
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-20 (optional)
Behuizing	
Materiaal van de behuizing	Metalen behuizing
Vergrotingsslot	Yes
Afmetingen	11.5cm (L) x 3.4cm (D)
Gewicht	97g
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	Automatic Magnification Reading (AMR), Extended Dynamic Range (EDR), Extended Depth of Field (EDOF), Flexible LED Control (FLC).
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	Yes
Informatie	
Inhoud van de verpakking	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
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€1100,00 - €1300,00