

AM4917MZT



Merk:

Productcode: AM4917MZT EDGE PLUS

Korte omschrijving

1.3 Megapixel

10-220x Magnification

Polarizer

Flexible LED Control (FLC)

Automatic Magnification Reading (AMR)

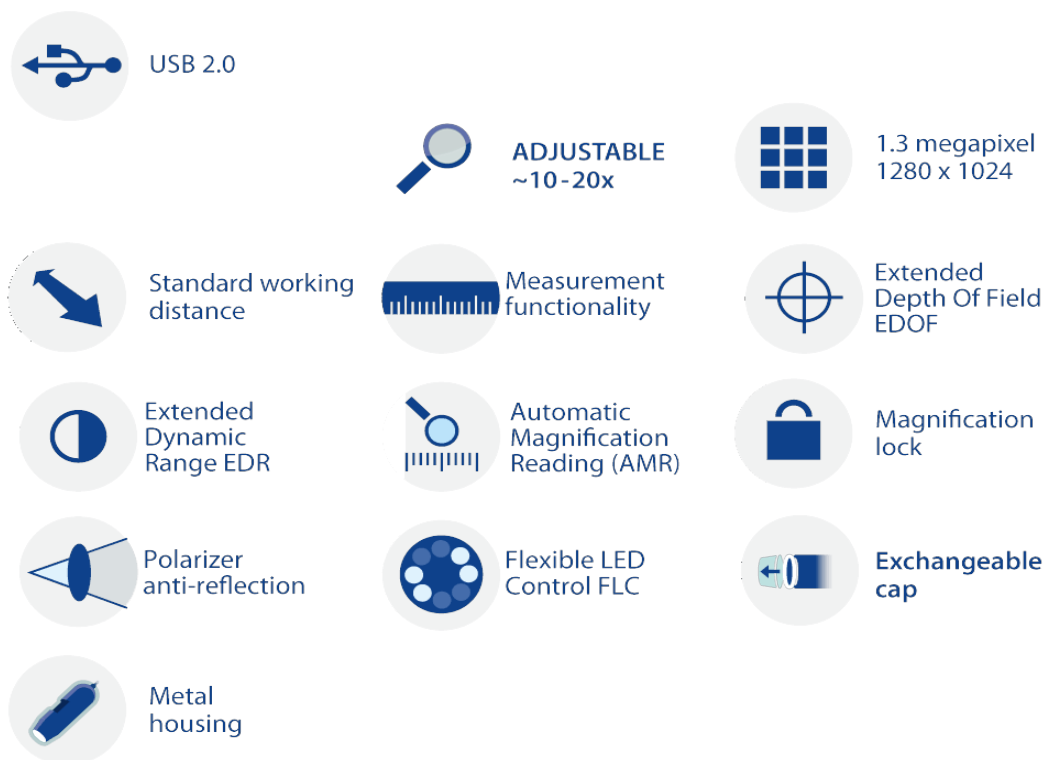
EDOF/EDR & Depth information

Robust metal housing

Omschrijving

The Dino-Lite AM4917MZT is part of the EDGE ^{PLUS} series, a special category within the Universal range. It offers a magnification range of 10-220x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality and clarity and color reproduction in a robust, compact and appealing metal housing.

A unique feature within the EDGE ^{PLUS} series for the AM4917MZT model is the possibility to acquire Depth Information. By indicating the variations in focus shifts, you can obtain depth information of grooves, holes, and other types of topographical variations. Please click [here](#) for the manual on "how to acquire depth information with the AM4917-models".



EDOF allows users to automatically capture multiple images at different depths and automatically combine them into one clear image. EDR automatically captures and combines multiple images at different exposure levels to produce a final image with greater dynamic range. The AMR function automatically detects and displays the magnification of the Dino-Lite. The magnification is displayed within the Dino-Lite software and stored with the captured picture and simplifies the measuring process. 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 AM4917MZT are:

- Automatic Magnification Reading (AMR)
- 1.3 Megapixel EDGE ^{PLUS} sensor
- Flexible LED Control (FLC)
- Extended Depth of Field (EDOF)
- Extended Dynamic Range (EDR)
- 10-220x Magnification
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

*EDOF/EDR only functions under Windows OS

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
20	59.5	19.5	14.7	5.36
30	32.9	13.0	9.8	2.58
40	20.2	9.8	7.3	1.56
50	13.2	7.8	5.9	1.07
60	9	6.5	4.9	0.79
70	6.4	5.6	4.2	0.62
80	4.8	4.9	3.7	0.5
90	4	4.3	3.3	0.42
100	3.5	3.9	2.9	0.36
110	3.3	3.6	2.7	0.31
120	3.5	3.3	2.4	0.27
130	3.8	3.0	2.3	0.24
140	4.3	2.8	2.1	0.22
150	4.9	2.6	2.0	0.2
160	5.6	2.4	1.8	0.18
170	6.4	2.3	1.7	0.17
180	7.3	2.2	1.6	0.15
190	8.2	2.1	1.5	0.14
200	9.2	2.0	1.5	0.13
210	10.2	1.9	1.4	0.13
220	11.3	1.8	1.3	0.12
Listed values may differ slightly	*Without front cap			Unit = mm

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Yes
Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	Yes (N3C-D included)
Emissiefilter	No
Polarisator	Yes, linear
Optiek	

Magnification	10x ~ 220x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x1024)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 11.1 and up
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 (max 1.3MP)
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Behuizing	
Materiaal van de behuizing	Metal housing
Vergrotingsslot	Yes
Afmetingen	10.5cm (L) x 3.2cm (D)
Gewicht	130g
Kabellengte	1.5m
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

Product galerij

