

AM4517MZTL



Productcode: AM4517MZTL EDGE PLUS

Korte omschrijving

- 1.3 Megapixel
- 10-140x Magnification
- Long working distance
- Polarizer
- Flexible LED Control (FLC)
- Automatic Magnification Reading (AMR)
- Robust metal housing

Omschrijving

The Dino-Lite AM4517MZTL is part of the EDGE^{PLUS} series, a special category within the Long Working Distance (LWD) range. It offers a magnification range of 10-140x with 1.3MP and a USB 2.0 connection at 30fps. It offers superb image quality, clarity and color reproduction in a robust, compact and appealing metal housing.



1.3 megapixel
1280 x 1024



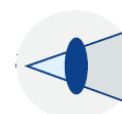
USB 2.0



Continuous
~10x - 140x



Exchangeable
cap



Polarizer
anti-reflection



Metal
housing



Flexible LED
Control FLC



Measurement
functionality



Automatic
Magnification
Reading (AMR)



Long working
distance



Magnification
lock

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 AM4517MZTL are:

- 1.3 Megapixel EDGE^{PLUS} sensor
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- 10-140x magnification
- Long working distance
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

Optical Data Table

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	237.6	39.1	29	24.61
20	115.0	19.5	14.7	6.68
30	75.4	13.0	9.8	3.21
40	56.7	9.8	7.3	1.94
50	46.4	7.8	5.9	1.33
60	40.1	6.5	4.9	0.98
70	36.3	5.6	4.2	0.76
80	34.0	4.9	3.7	0.62
90	32.6	4.3	3.3	0.51
100	31.9	3.9	2.9	0.44

110	31.7	3.6	2.7	0.38
120	31.9	3.3	2.4	0.33
130	32.4	3.0	2.3	0.3
140	33.2	2.8	2.1	0.27
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 ~ 140x
Macro zoom	No
Werkafstand	Long
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x960)
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 3.3cm (D)
Gewicht	130g
Kabellengte	1.5m
Kenmerken	
Bijzonderheid	Flexible LED Control (FLC) & Automatic Magnification Reading (AMR)
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	Yes
Informatie	
Inhoud van de verpakking	Microscope, carry pouch, software CD, user manual, quick guide, calibration target, front cover box with 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	€900,00 - €1100,00

Product galerij



