AM4517MZT EDGE PLUS

Brand: Dino-Lite Product Code: AM4517MZT EDGE PLUS

Short Description

1.3 Megapixel EDGE ^{PLUS} sensor
USB 2.0, maximum 30fps
20-220x magnification
Polarizer
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)
Robust metal housing

Description

The Dino-Lite AM4517MZT is part of the EDGE ^{*PLUS*} series, a special category within the Universal range. It offers a magnification range of 20-220x 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.



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 AM4517MZT are:

- 1.3 Megapixel EDGE PLUS sensor
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- 20-220x magnification
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

Working distance/field of view/depth of field

MAGNIFICATI WORKINGFIELD OFFIELD OFDEPTH OFON RATEDISTANCE*VIEW(X)VIEW(Y)FIELD2059.519.514.75.363032.913.09.82.584020.29.87.31.565013.27.85.91.07609.6.54.90.79	
2059.519.514.75.363032.913.09.82.584020.29.87.31.565013.27.85.91.07	
4020.29.87.31.565013.27.85.91.07	
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	*Without front			Unit = mm
may differ	cap			
slightly				

Specification

A				
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	20-220x			
Macro zoom	No			
Working distance	Standard			
Lens type	Glass with anti-reflection coating			
Sensor				
Sensor type	CMOS			
Resolution	1.3 Megapixel (1280x1024)			
Maximum frame rate	30 fps			
Compatibility				
Interface	USB 2.0			
Operating system	Windows 7, 8, 10 & 11, MacOS 11.1 and up			
Included 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	WMV, FLV, SWF (max 1.3MP)			
(Windows)				
Supported image formats	JPEG, PNG			
(MacOS)				
Supported video formats	MOV			
(MacOS)				
Imaging standards	DirectShow, UVC			
Wifi	Wireless-ready, requires the WF-10 WiFi streamer			
	(optional)			
Housing				
Housing material	Metal housing			
Magnification lock	Yes			

Dimensions	10.5cm (L) x 3.2cm (D)
Weight	130g
Cable length	1.5m
Features	
Special feature	Flexible LED Control (FLC) & Automatic
	Magnification Reading (AMR)
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	Yes
Information	
Package contents	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
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€900,00 - €1100,00
Product Gallery	

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