Dino-Lite Europe - Phone: - Email:

AM4517MZT



Artikelnummer: AM4517MZT EDGE PLUS

Short Description

1.3 Megapixel
10-220x magnification
Polarizer
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)
Robust metal housing

Beschreibung

The Dino-Lite AM4517MZT 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.









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)
- 10-220x magnification
- Adjustable polarizer
- 30fps
- Metal housing
- And more...

Working distance/field of view/depth of field

MAGNIFICAT	TWORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE*	VIEW(X)	VIEW(Y)	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	*Without front			Unit = mm
may differ	cap			
slightly				

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	1.3 Megapixel (1280x960)			
Maximum frame rate	30 fps			
Compatibility				
Interface	USB 2.0			
Operating system	Windows 7, 8, 10 & 11, MacOS 11.1 and up			
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)			
Supported image formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX			
Supported video formats (Windows)	WMV, FLV, SWF (max 1.3MP)			
Supported image formats (MacOS)	JPEG, PNG			

Supported video formats (MacOS)	MOV		
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 3.3cm (D)		
Weight	90g		
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





