Dino-Lite Europe - Phone: - Email:

AM4517MZTL



Product Code: AM4517MZTL EDGE PLUS

Short Description

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

Description

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.













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

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

Specification

Specification	Specification				
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	$10x \sim 140x$				
Macro zoom	No				
Working distance	Long				
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	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,				
(Windows)	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	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





