AM4517MZTL



Marque: Code produit: AM4517MZTL EDGE PLUS

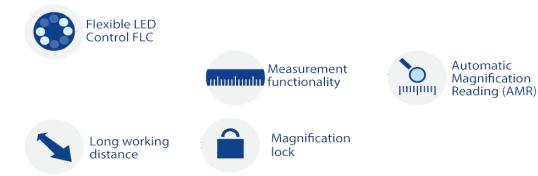
Courte description

1.3 Megapixel10-140x MagnificationLong working distancePolarizerFlexible 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	I 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	t		Unit = mm
may differ	cap			
slightly				

Spécification

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 ~ 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 (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	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	





