AM7515MZT2P-APL



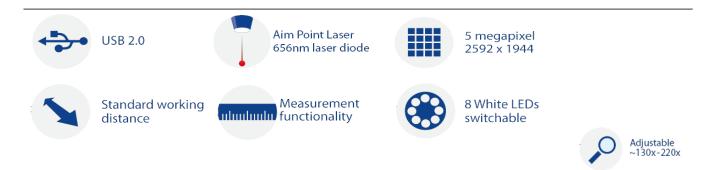
Brand: Product Code: AM7515MZT2P

Short Description

5 Megapixel Edge sensor Aim point laser (APL) Integrated polarizer 130x ~ 220x magnification Automatic Magnification Reading (AMR) Flexible LED Control (FLC)

Description

Integrated with Aim Point Laser (APL), the AM7515MZT2P eases the tasks of locating and focusing the target under the microscope. The AM7515MZT2P is a 5MP microscope with a 130x ~ 220x magnification range featuring AMR, FLC, APL, metal housing and a polarizer.





The AM7515MZT2P is part of the universal range and with its standard working distance and wide magnification range from $130x \sim 220x$, it is suitable for a wide range of applications. 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 AMR function is of particular importance when the measurement functions are frequently used. The Aim Point Laser (APL) is an integrated trough-lens laser projecting a red dot that provides a visual reference point for the positioning and focusing of the target.

The main features of the AM7515MZT2P are:

- 5 Megapixel Edge sensor
- 130x ~ 220x magnification
- Integrated polarizer
- Aluminum housing
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- Aim Point Laser (APL)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

Working distance/field of view/depth of field						
MAGNIFICA	WORKING	WORKING	FIELD OF	FIELD OF	DEPTH OF	
TION RATE	DISTANCE	DISTANCE	VIEW(X)	VIEW(Y)	FIELD	
		2*				
Listed values		* Without			Unit = mm	
may differ		front cap				
slightly						
130	-	4.5	3.0	2.2	-	
140	-	5.0	2.8	2.1	-	
150	-	5.6	2.6	1.9	-	

160	-	6.3	2.4	1.8	-
170	-	7.1	2.3	.17	-
180	-	8.0	2.2	1.6	-
190	-	8.9	2.1	1.5	-
200	-	9.9	2.0	1.5	-
210	-	10.9	1.9	1.4	-
220	-	11.9	1.8	1.3	0.1
Listed va	alues	* Withou	t		Unit = mm
may diff	er	front cap			
slightly					

Specification

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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
Laser Pointer	656nm laser diode
Optics	
Magnification	130x ~ 220x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	5 Megapixel (2592x1944)
Maximum frame rate	30 fps
Compatibility	
Interface	USB 2.0
Operating system	Windows 7, 8, 10 & 11, MacOS 10.14 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	WMV, FLV, SWF
(Windows)	
Supported image formats	JPEG, PNG
(MacOS)	
Supported video formats	MOV (max 1.3MP)
Supported video formats	MOV (IIIax 1.5MP)

(MacOS)		
Imaging standards	DirectShow, UVC	
Wifi	Wireless-ready, requires the WF-10 WiFi streamer	
	(optional)	
Housing		
Housing material	Metal housing	
Dimensions	10.7cm (L) x 3.2cm (D)	
Weight	140gr	
Cable length	1.8m	
Features		
Special feature	Automatic Magnification Reading (AMR),	
	Flexible LED Control (FLC). Aim Pointer Laser	
	(APL)	
Measurement	Yes	
Calibration	Yes	
Microtouch sensor	Yes	
ESD safe	Yes	
Information		
Package contents	Microscope, carry pouch, software CD, calibration	
	target, user manual, 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	€1000,00 - €1200,00	