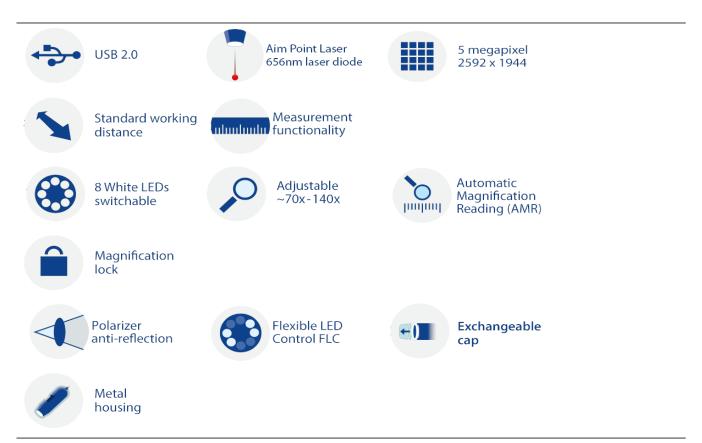# AM7515MZT1P-APL

Marke: Dino-Lite
Artikelnummer: AM7515MZT1P

Short Description

Integrated with Aim Point Laser (APL), the AM7515MZT1P eases the tasks of locating and focusing the target under the microscope. The AM7515MZT1P is a 5MP microscope with a 70-140x magnification range featuring AMR, FLC, APL, metal housing and a polarizer.

Beschreibung

Integrated with Aim Point Laser (APL), the AM7515MZT1P eases the tasks of locating and focusing the target under the microscope. The AM7515MZT1P is a 5MP microscope with a 70-140x magnification range featuring AMR, FLC, APL, metal housing and a polarizer.

USB 2.0

Aim Point Laser 656nm laser diode

5 megapixel 2592 x 1944

Standard working distance

Measurement functionality

8 White LEDs switchable

Adjustable ~70x - 140x

Automatic Magnification Reading (AMR)

Magnification lock

Polarizer anti-reflection

Flexible LED Control FLC

Exchangeable cap

Metal housing

The AM7515MZT1P is part of the universal range and with its standard working distance and wide magnification range from 70-140x, 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 AM7515MZT1P are:

• 5 Megapixel Edge sensor
• 70-140x 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

MAGNIFICATION RATE	WORKING DISTANCE 1	WORKING DISTANCE 2*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly		* Without front cap			Unit = mm
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 values may differ slightly		***** **Without front cap**			**Unit = mm**

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
Laser Pointer	656nm laser diode
Optics	
Magnification	70-140x
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
Included 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
Supported image formats (MacOS)	JPEG, PNG
Supported video formats (MacOS)	MOV (max 1.3MP)
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