## AM7515MTFP-APL

**Brand:** Dino-Lite

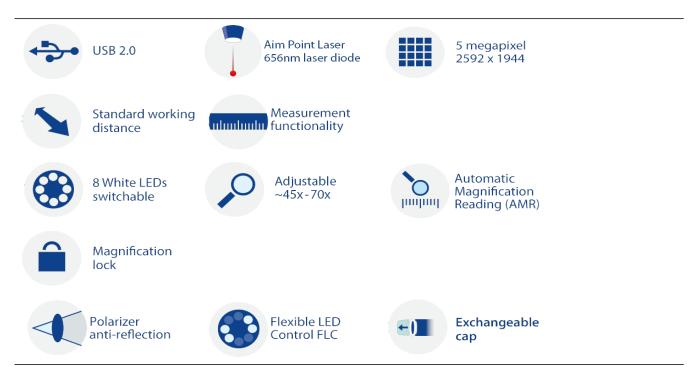
**Product Code:** AM7515MTFP

### **Short Description**

Integrated with Aim Point Laser (APL), the AM7515MTFP eases the tasks of locating and focusing the target under the microscope. The AM7515MTFP is a 5MP Extra Long Working Distance (ELWD) microscope, equipped with a 45-70x magnification range featuring AMR, FLC, APL and a metal housing. The microscope providing clear images up to 70x magnification at 108 mm working distance.

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The AM7515MTFP is part of the Long Working Distance (LWD) range and with its Long Working Distance and magnification range from 45-70x, it is suitable for a wide range of applications where extra distance to the object or a larger field of view is required.

The extra working distance and larger field of view make this model an ideal solution for tasks such as repair, rework or assembly or for working with bulky or fragile objects that cannot be touched. 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 AM7515MTFP are:

- 5 Megapixel Edge sensor
- Long Working Distance (LWD)
- 45-70x magnification
- Integrated polarizer
- Aluminum housing
- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

## Working distance/field of view/depth of field

		WORKING		FIELD OF	<b>DEPTH OF</b>
TION RATE	<b>DISTANCE</b>	1 DISTANCE	VIEW(X)	VIEW(Y)	<b>FIELD</b>
		2*			
Listed values		* Without			Unit = mm
may differ		front cap			
slightly					
45	-	146	8.7	6.9	2.1
50	-	135	7.8	6.3	1.8
60	-	120	6.5	5.2	1.3
70	-	108	5.6	4.5	1.0
Listed values		* Without			Unit = mm
may differ		front cap			
slightly					

# 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	No			
Laser Pointer	656nm laser diode			
Optics				
Magnification	45-70x			
Macro zoom	No			
Working distance	Long			
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	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)			
(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	€900,00 - €1000,00		