

AM7515MTFP-APL



Merk:

Productcode: AM7515MTFP

Korte omschrijving

5 Megapixel Edge sensor

Aim point laser (APL)

Long Working Distance (LWD)

45-70x magnification

Automatic Magnification Reading (AMR)

Flexible LED Control (FLC)

Omschrijving

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.



USB 2.0



Aim Point Laser
656nm laser diode



5 megapixel
2592 x 1944



Long working
distance



Measurement
functionality



8 White LEDs
switchable



Adjustable
~45x-70x



Automatic
Magnification
Reading (AMR)



Magnification
lock



Polarizer
anti-reflection



Flexible LED
Control FLC



Exchangeable
cap

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

MAGNIFICATION WORKING DISTANCE FIELD OF VIEW FIELD OF VIEW DEPTH OF FIELD

SHUTTER SPEED	FOCUSING DISTANCE	FOCUSING DISTANCE 2*	VIEW(X)	VIEW(Y)	FIELD OF VIEW
Listed values may differ slightly		* Without front cap			Unit = mm
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 may differ slightly		* Without front cap			Unit = mm

Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Yes
Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	Yes (N3C-D included)
Emissiefilter	No
Polarisator	No
Laser Pointer	656nm laser diode
Optiek	
Magnification	45 ~ 70x
Macro zoom	No
Werkafstand	Long
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	5.0 Megapixel (2592x1944)
Maximale framesnelheid	30 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.14 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX

Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV (max 1.3MP)
Beeldvormingsnormen	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Behuizing	
Materiaal van de behuizing	Metal housing
Afmetingen	10.7cm (L) x 3.2cm (D)
Gewicht	140gr
Kabellengte	1.8m
Kenmerken	
Bijzonderheid	Automatic Magnification Reading (AMR), Flexible LED Control (FLC). Aim Pointer Laser (APL)
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	Yes
Informatie	
Inhoud van de verpakking	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
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€900,00 - €1000,00