

AM7515MZT1P-APL



Merk:
Productcode: AM7515MZT1P

Korte omschrijving

5 Megapixel Edge sensor
Aim point laser (APL)
Integrated polarizer
70-140x magnification
Automatic Magnification Reading (AMR)
Flexible LED Control (FLC)

Omschrijving

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



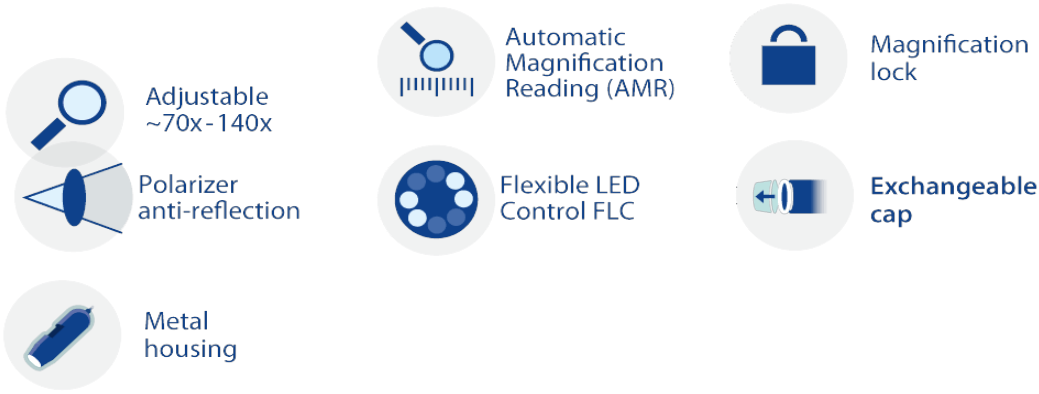
Standard working
distance



Measurement
functionality



8 White LEDs
switchable



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 | 1.7 | - |
| 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 |

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 | Yes, linear |
| Laser Pointer | 656nm laser diode |
| Optiek | |
| Magnification | 70x ~ 140x |
| Macro zoom | No |
| Werkafstand | Standard |
| Type lens | Glass with anti-reflection coating |
| Sensor | |
| Sensortype | CMOS |
| Resolutie | 5 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 |
| Regulatory approval: | CE, FCC, ROHS |
| Prijsklasse | €1000,00 - €1200,00 |