Dino-Lite Europe - Phone: - Email:

AM7515MZTL



Marca:

Codice del prodotto: AM7515MZTL - EDGE

Short Description

5 Megapixel resolution
Robust metal housing
10-140x magnification
Long working distance
Flexible LED Control (FLC)
Polarizer
Automatic Magnification Reading (AMR)

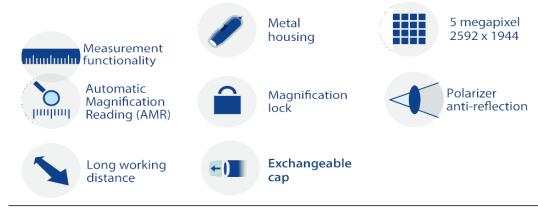
Descrizione

With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features such as Flexible LED Control (FLC) and full aluminum body, the Dino-Lite AM7515MZTL is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7515MZTL offers superb image quality and color reproduction in a robust, compact and appealing housing.









The AM7515MZTL is part of the Long Working Distance (LWD) range and with its Long Working Distance and magnification range from 10 - 140x, 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 main features of the AM7515MZTL are:

- 5 Megapixel Edge sensor
- Long Working Distance (LWD)
- 10-140x 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

| may differ | cap | | | |
|---------------|-----------------|----------|----------|-----------|
| Listed values | * Without front | | | Unit = mm |
| ON RATE | DISTANCE* | VIEW(X) | VIEW(Y) | FIELD |
| MAGNIFICATI | WORKING | FIELD OF | FIELD OF | DEPTH OF |

slightly

| 10 | 234.5 | 39.0 | 31.2 | 12 |
|-----|-------|------|------|------|
| 20 | 112.5 | 19.5 | 15.6 | 4.5 |
| 30 | 72.5 | 13.0 | 10.4 | 3.1 |
| 40 | 54.5 | 9.8 | 7.8 | 1.8 |
| 50 | 43.5 | 7.8 | 6.2 | 1.2 |
| 60 | 37.5 | 6.5 | 5.2 | 0.9 |
| 70 | 33.7 | 5.6 | 4.5 | 0.6 |
| 80 | 31.3 | 4.9 | 3.9 | 0.5 |
| 90 | 29.9 | 4.3 | 3.5 | 0.37 |
| 100 | 29.2 | 3.9 | 3.1 | 0.28 |
| 110 | 29.1 | 3.5 | 2.8 | 0.22 |
| 120 | 29.3 | 3.3 | 2.6 | 0.17 |
| 130 | 29.8 | 3.0 | 2.4 | 0.12 |
| 140 | 30.5 | 2.8 | 2.2 | 0.09 |
| | | | | |

Specifiche

| 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 | | |
| Optics | | | |
| Magnification | $10x \sim 140x$ | | |
| 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 10.9 and up | | |
| 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 Wi-Fi streamer (optional) | | |
| Housing | | | |
| Housing material | Metal housing | | |
| Magnification lock | Yes | | |
| Dimensions | 10.5cm (L) x 3.2cm (D) | | |
| Weight | 135gr | | |
| Cable length | 1.8m | | |
| Features | | | |
| Special feature | Automatic Magnification Reading (AMR), | | |
| | Flexible LED Control (FLC). | | |
| 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 - €1100,00 | | |