

AM7515MT8A



Merk:
Productcode: AM7515MT8A

Korte omschrijving

5 Megapixel resolution
700-900x Magnification
Coaxial and brightfield illumination
Flexible LED Control (FLC)
Automatic Magnification Reading (AMR)

Omschrijving

The AM7515MT8A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of 700-900x with built-in coaxial illumination. By using the Flexible LED Control (FLC), this model is capable of switching between or mixing, brightfield and coaxial illumination.



USB 2.0



Measurement
functionality



Adjustable
~700-900x



Flexible
LED control



Automatic
Magnification
Reading (AMR)



Magnification
lock



5 megapixel
2592 x 1944

Metal
housing



8 White LEDs
switchable



Exchangeable
cap

The coaxial illumination technique reveals details that are very difficult to see under normal light, for example when inspecting wafer plates, microchips or other microelectronics. The AM7515MT8A includes the Automatic Magnification Reading (AMR) feature which automatically detects and displays the magnification in the included Dino-Lite software. These unique features make the Dino-Lite AM7515MT8A a great inspection tool for material analysis, electronics inspection, or any similar application that requires high magnification, coaxial illumination, versatility and mobility.

The Dino-Lite AM7515MT8A is bundled with the user-friendly DinoCapture 2.0 software for Windows. For this model it includes functions such as Automatic Magnification Reading (AMR), Flexible LED Control (FLC), calibration, measurement, capturing & annotating images, and recording video. When focusing at such high magnification it is recommended to use a high-precision stand. The Dino-Lite RK-10A for example is a great add-on, it is a sturdy and stable high-end stand solution constructed of resilient stainless steel and lightweight aluminum and offers a very precise fine-focus adjustment.

Working distance/field of view/depth of field

| MAGNIFICATION RATE | WORKING DISTANCE* | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|--|---------------------------|-------------------------|-------------------------|-----------------------|
| 700 | 6.4 | 0.56 | 0.400 | 0.01 |
| 750 | 6.3 | 0.52 | 0.375 | 0.01 |
| 800 | 6.1 | 0.48 | 0.350 | 0.009 |
| 850 | 6.0 | 0.46 | 0.330 | 0.009 |
| 900 | 5.9 | 0.43 | 0.315 | 0.008 |
| 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 | No |
| Emissiefilter | No |
| Polarisator | No |
| Optiek | |
| Magnification | 700x ~ 900x |
| Macro zoom | No |
| Werkafstand | Standard |
| Type lens | Glass with anti-reflection coating |
| Sensor | |
| Sensortype | CMOS |
| Resolutie | 5 Megapixel (2592x1944) |
| Maximale framesnelheid | 30 fps (max 20fps video recording) |
| Compatibiliteit | |
| Interface | USB 2.0 |
| Besturingssysteem | Windows 7, 8, 10 & 11, MacOS 10.12 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 |
| Vergrotingsslot | Yes |
| Afmetingen | 10.7cm (L) x 3.2cm (D) |
| Gewicht | 139g |
| Kabellengte | 1.8m |
| Kenmerken | |
| Bijzonderheid | Automatic Magnification Reading (AMR), |

| | |
|--------------------------|--|
| | Flexible LED Control (FLC), Coaxial illumination |
| Meting | Yes |
| Kalibratie | Yes |
| Microtouch-sensor | Yes |
| ESD veilig | Yes |
| Informatie | |
| Inhoud van de verpakking | Microscope, Carry pouch, software CD, user manual, quick guide, calibration target, front cover box |
| Garantie-informatie | 2 years European warranty |
| Regelgevende goedkeuring | CMOS, UKCA – available upon request – marketing@dino-lite.eu |
| Prijsklasse | €1000,00 - €1300,00 |

Product galerij