AM7515MT8A



The AM7515MT8A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of700-900x 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.



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.

(*At the moment this model only functions under Windows OS)

Additional Info

- Dino-Lite Range: Dino-Lite High Magnification
- Resolution: High (5 Megapixel)
- Magnification: High (above 400x)
- Interface: USB 2.0
- Working Distance: Standard
- Price Range (excl. VAT): €750,00 - €1000,00
- Light/ LED type: White
- ESD Safe: Yes
- Polarizer: No
- Housing: Metal housing
- Special feature: Aut. Magn. reading, Flexible LED Control (FLC), Coaxial illumination
- Dino-Lite Range: Dino-Lite High Magnification
- Light/ LED type: White
- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: No
- Emission filter: No
- Polarizer: No
- Magnification: 700-900x
- Macro zoom: No
- Working Distance: Standard
- Resolution: 5 Megapixel (2592x1944)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Metal housing
- Magnification lock: Yes
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: Yes
- Special feature: Aut. Magn. reading, Flexible LED Control (FLC), Coaxial illumination
- Package contents: Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
- Price Range: €750,00 - €1000,00

- **Details**

- Dino-Lite range: Dino-Lite High Magnification

- **Lighting**

- Light/ LED type: White
- Number of LEDs: 8
- LED on/off switchable: Yes

- Infrared filter: IR cut-filter >650 nm
- Diffuser available: No
- Emission filter: No
- Polarizer: No

- **Optics**

- Magnification: 700-900x
- Macro zoom: No
- Working distance: Standard
- 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 XP, Vista, 7, 8 & 10
- Included software: DinoCapture 2.0 (Windows)
- 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
- Imaging standards: DirectShow, UVC

- **Housing**

- Housing material: Metal housing
- Magnification lock: Yes
- Dimensions: 10.5cm (L) x 3.2cm (D)
- Weight: 140g
- Cable length: 1.8m

- **Features**

- Special feature: Aut. Magn. reading, Flexible LED Control (FLC), Coaxial illumination
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD safe: Yes

- **Information**

- Package contents: Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS

- Price range: €750,00 - €1000,00
- 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	0.04
750	6.3	0.52	0.375	0.035
800	6.1	0.48	0.350	0.03
850	6.0	0.46	0.330	0.0275
900	5.9	0.43	0.315	0.26
Listed values may differ slightly	*Without front cap			**Unit = mm**

PDF generated on: 11-05-2018