

AM4515T8 - EDGE



With up to 900x magnification and high-resolution optics, this high magnification Dino-Lite model reveals details as small as 1.5 micrometer (μm). It also features a greater working distance at high magnification making it easier to watch and move very small objects under the microscope.



These unique features make the Dino-Lite AM4515T8 a great inspection tool for biomedical and scientific research, material analysis, electronics inspection, or any similar application that require high magnification, versatility and mobility. The Dino-Lite AM4515T8 is bundled with the user-friendly DinoCapture 2.0 software. For this model it includes functions such as automatic magnification reading (AMR), calibration, measurement, capturing & annotating images, and recording video. Although the AM4515T8 model can be operated handheld, a high-precision stand is recommended. 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.

ADDITIONAL INFO

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: 1.3 Megapixel (1280x1024)
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

Supported image formats (MacOS):	JPEG, PNG
Supported video formats (MacOS):	MOV
Imaging standards:	DirectShow, UVC

HOUSING

Housing material:	Composite/ plastic housing
Magnification lock:	Yes
Dimensions:	10.5cm (L) x 3.2cm (D)
Weight:	105g
Cable length:	1.8m

FEATURES

Special feature:	Aut. Magn. reading
Measurement:	Yes
Calibration:	Yes
Microtouch sensor:	Yes
ESD safe:	No

INFORMATION

Package contents:	Microscope, Carry pouch, Software CD, Calibration target, User manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-E- Extension cap
Warranty information:	2 years European warranty
Regulatory approval:	CE, FCC, ROHS

Working distance/ field of view/ depth of field:

MAGNIFICATION RATE	WORKING DISTANCE *	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
700	6.6	0.6	0.4	0.09
800	6.4	0.5	0.4	0.08
900	6.3	0.4	0.3	0.07
Listed values may differ slightly	* Without front cap			Unit = mm