AM4515T8 - EDGE

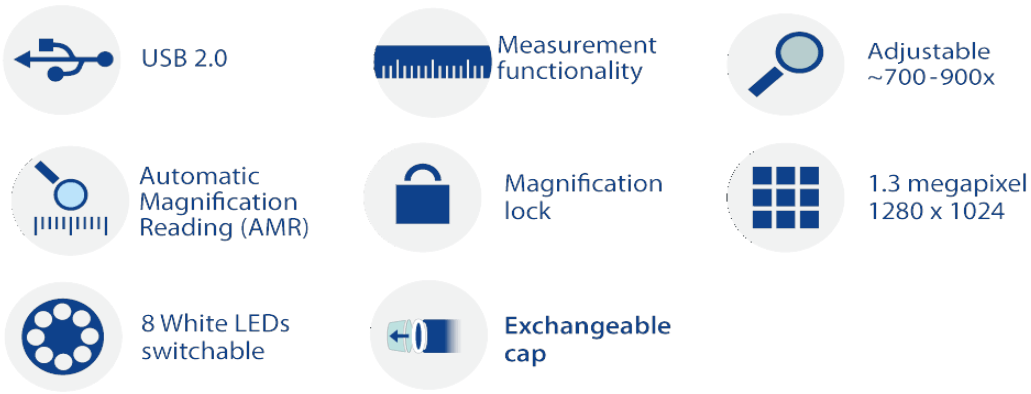
Codice del prodotto: AM4515T8

Short Description

1.3 Megapixel resolution
Versatility due to exchangeable caps
700-900x magnification
Automatic Magnification Reading (AMR)

Descrizione

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.

Working distance/field of view/depth of field

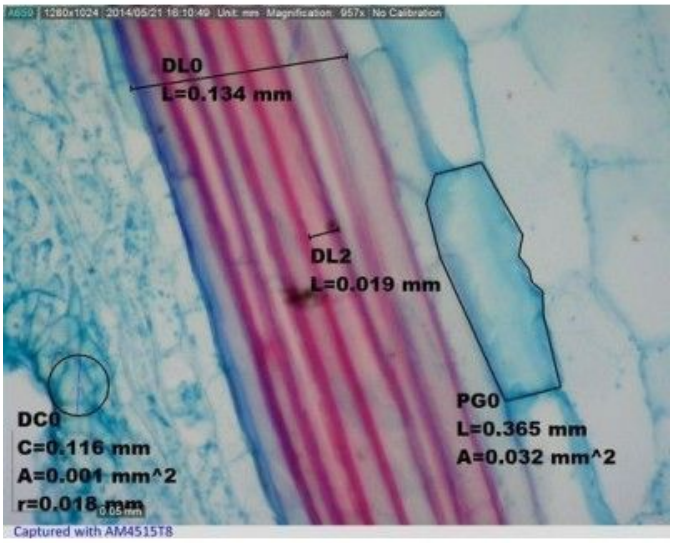
MAGNIFICATION RATE **Listed values may differ slightly**	WORKING DISTANCE * *** Without front cap**	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD **Unit = mm**
700	6.6	0.6	0.4	
800	6.4	0.5	0.4	
900	6.3	0.4	0.3	0.016

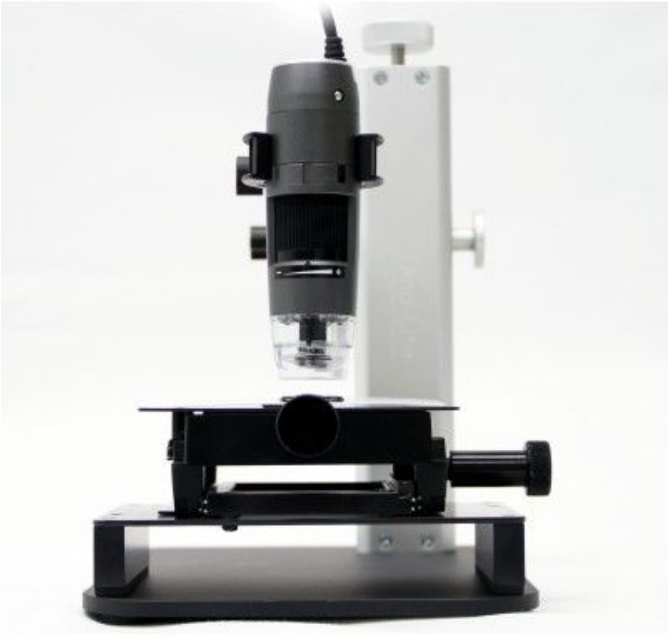
Specifiche

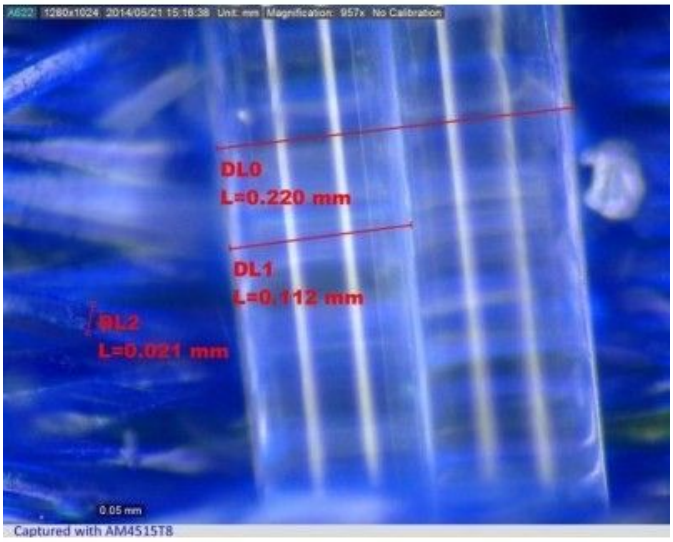
Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Diffuser available	No
Emission filter	No
Polarizer	No
Optics	
Magnification	700x ~ 900x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	1.3 Megapixel (1280x1024)
Maximum frame rate	30 fps
Compatibility	
Interface	USB 2.0

Operating system	Windows 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
Imaging standards	DirectShow, UVC
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)
Housing	
Housing material	Composite/ plastic housing
Magnification lock	Yes
Dimensions	10.3 cm (L) x 3.2cm (D)
Weight	100g
Cable length	1.8m
Features	
Special feature	Automatic Magnification Reading (AMR)
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
Price range	€700,00 - €900,00

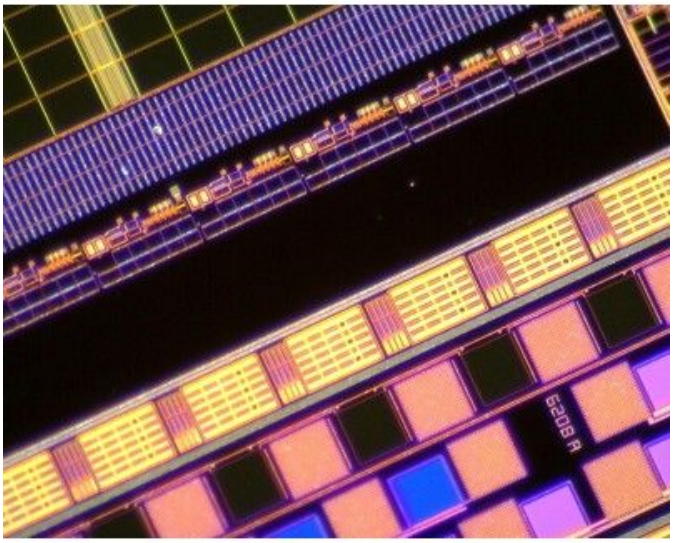
Product Gallery


DL0
L=0.134 mm
DL2
L=0.019 mm
DC0
C=0.116 mm
A=0.001 mm^2
r=0.018 mm
PG0
L=0.365 mm
A=0.032 mm^2
0.05 mm
Captured with AM4515T8




DL0
L=0.220 mm
DL1
L=0.112 mm
DL2
L=0.021 mm
0.05 mm
Captured with AM4515T8


Dino-Lite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