

AF4515T5

Product Code: AF4515T5



Short Description

1.3 Megapixel resolution

Versatility due to exchangeable caps

500-550x magnification

Automatic Magnification Reading(AMR)

Description

With up to 550x magnification and high-resolution optics, this high magnification Dino-Lite model reveals details as small as 2.5 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.



USB 2.0



Measurement
functionality



Adjustable
~500-550x



Automatic
Magnification
Reading (AMR)



Magnification
lock



1.3 megapixel
1280 x 1024



8 White LEDs
switchable



Exchangeable
cap



These unique features make the Dino-Lite AM4515T5 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 AM4515T5 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 record video. Although the AM4515T5 model can be operated handheld, a high-precision stand is recommendable. 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
Listed values may differ slightly	* Without front cap			Unit = mm
500	9.5	0.8	0.6	0.15
550	9.2	0.7	0.6	0.12

Specification

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	500x ~ 550x
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
Housing	
Housing material	Composite/ plastic housing
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	105g
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	€600,00 - €800,00

Product Gallery



