

Edge Series USB High Magnification with Auto Magnification Reading

AM4515T5

Product Overview

The AM4515T5 Edge series handheld microscope features a high magnification of 500x - 550x, improved optics for sharper images, and Automatic Magnification Reading (AMR) for easy measurement. This model also features a slightly extended working distance compared to previous Dino-Lite models with high magnification (9.5mm / 0.37" for 500x), which provides some clearance between the microscope lens and the object under view.

Using the included software the AM4515T5 can detect and display the magnification, and store it with the captured picture automatically, making it especially useful for applications when reading the magnification is not feasible or difficult. AMR increases accuracy by eliminating the process of visually reading the magnification, while keeping the possibility to be additionally calibrated in the included software. LED Control gives you command of the LED on/off toggle options.



Details

LEDs	White (8)
Polarization	No
Magnification Range	500x - 550x
Working Distance	Standard
Lens Type	Glass
Sensor Type	CMOS
Resolution	1280 × 1024 pixels
Megapixels	1.3 MP
Frame Rate (max)	30 FPS

Operating System	Windows XP, Vista, 7, 8, 10, Mac OS 10.5+
Included Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Connection Type	USB 2.0
Image Save Formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Video Save Formats (Windows)	WMV, FLV, SWF
Video Save Formats (Mac OS)	MOV
Imaging Standards	UVC
Dimensions	10.5cm (L) x 3.2cm (D) (4.13" x 1.26")
Weight	100g (3.7 oz)
Cable Length	182cm (71.65 in)
Magnification Lock	Yes
Body Material	ABS Plastic
Measurement	Yes
Microtouch Sensor	Yes
Package Includes	Microscope, Carry Pouch, Software CD, Edge Calibration Target, Alternate end caps
Warranty Period	2 years
Manufactured in	Taiwan
Service & Support	U.S. (www.dinolite.us) English & Spanish

Working Distance & Magnification Charts

Unit: mm

Magnification	500	550
Working Distance	9.5	9.2
Field of View	0.8 x 0.6	0.7 x 0.6
Depth of Field	0.15	0.12

Unit: Inch

Magnification	500	550
Working Distance	0.374	0.362
Field of View	0.031 x 0.024	0.028 x 0.024
Depth of Field	0.006	0.005

Web page: <https://www.dinolite.us/products/am4515t5>

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