

Edge Series USB Microscope with Far Working Distance & Polarizer

AM4115ZTF

Product Overview

The Dino-Lite AM4115ZTF Edge Series "Far" working distance polarizing model is designed to provide extra-long working distance with a magnification range of 1x - 70x. At 10x with 19" working distance and 70" at 4.25".

The 1.3MP AM4115ZTF impressively offers minimum 115mm viewing distance with maximum 70x magnification. In comparison to the Edge Series long working distance models, the AM4115ZTF extends 80mm working distance at 70x magnification, making it an ideal option for fabrication or observation requiring long distance. The built on polarizer helps reduce or eliminate glare on reflective surfaces providing a clearer view and high quality image.



Details

LEDs	White (8)
Polarization	Yes
Magnification Range	10x - 70x
Working Distance	Far
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	10	20	30	40	50	60	70
Working Distance	480	263	186	152	132	121	115
Field of View	39.0 x 31.2	19.5 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.2	6.5 x 5.2	5.6 x 4.5
Depth of Field	10.6	4.85	1.85	1.24	0.93	0.73	0.53

Unit: Inch

Magnification	10	20	30	40	50	60	70
Working Distance	18.898	10.354	7.323	5.984	5.197	4.764	4.528
Field of View	1.535 x 1.228	0.768 x 0.614	0.512 x 0.409	0.386 x 0.307	0.307 x 0.244	0.256 x 0.205	0.220 x 0.177
Depth of Field	0.417	0.191	0.073	0.049	0.037	0.029	0.021

Web page: <https://www.dinolite.us/products/am4115ztf>

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