

AM4115TL-FVW



The AM4115TL-FVW extends Dino-Lite's applications in long working distance to higher magnification range, featuring 400nm UV and white lights switchable by software with better image quality.

Overview



High optical resolution

With the state-of-the-art lens design, the Dino-Lite Edges series delivers matchless image quality with stunning sharpness, least aberration, and least vignetting throughout the whole magnification range.



PC/MAC Compatibility

Digitize the microscopy experience with easy recording and sharing of observations in the office or in the field with a compatible PC or MAC with USB 2.0 port. Use professional measurement tools with calibration for assured accuracy and conveniently capture and modify photos with the bundled software.



400nm UV illumination

400nm Near UV lighting to illuminate specimens.



Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.



Largest magnification range with long working distance

The wide magnification range (10x to 140x) is achieved with working distances greater than 29 mm (without front cap), which can be helpful when clearance is required between the microscope and the viewing object.



MicroTouch shutter button

Take picture-perfect photos quickly and conveniently with the MicroTouch shutter button. This small, round, touch-sensitive button responds to the lightest touch to avoid blurry photos caused by excessive movement of the microscope. The MicroTouch shutter button can also be configured to control video recording, trigger barcode scanning, or switch on/off the LED lights.

Interchangeable Front Caps



N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-E / Extended Open Cap

Dino-Lite Edge (stand type) will focus at approximately 200x when the cap touches surface.



N3C-L / Long Cap

This cap is useful to adjust the working focus of Dino-Lite Edge at lower magnification.



N3C-OB / Open Cap

This is the standard cap for normal usage.



N3C-S / Sidelight Cap

This cap creates images with more depth and texture.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
10	234.5	39.0	31.2	12
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.5	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF = depth of field Unit = mm

Specification

Model : AM4115TL-FVW Dino-Lite Edge

Interface : USB 2.0

Product Resolution : 1.3M pixels (SXGA)

Magnification Rate : 10x~140x

Sensor : Color CMOS

Frame Rate : Up to 30fps

-Save Formats:

+Image:

DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM

DinoXcope: PNG, JPEG

+Movie:

DinoCapture2.0: WMV, FLV, SWF

DinoXcope: MOV

Microtouch : Touch sensitive trigger on the microscope for taking pictures

Lighting : 4 white and 4 UV(400nm) LED lights switched by software

Measurement Function : Yes

Calibration Function : Yes

Operating System Supported : Windows 10, 8, 7, Vista, XP;

Mac OS 10.4 or later

Unit Weight : 100g

Unit Dimension : 10.5 cm (H) x 3.2 cm (D)

Package Dimensions : 16cm (L) x 16cm (W) x 6cm (H)

