

AM4115TL



Also work with Accessory - N3C-R (Ring Light Cap)

The AM4115TL, with the exceptional image quality of Dino-Lite Edge, is designed to meet more professional needs. It also has better adaptability to different applications with the detachable and exchangeable front cap design. Long working distance with wider range of magnification.

#### Overview



#### 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.



#### High quality optics

This Dino-Lite Edge series microscope maximizes observed details with state-of-the-art lens design and super sharp resolving power.



#### 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.



#### 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.



#### 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.

### 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 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 : 8 white LED lights switched on/off by software

Measurement Function : Yes

Calibration Function ; Yes

Operating System Supported : Windows 10, 8, 7, Vista, XP; Mac OS 10.9 or later

Unit Weight : 100g

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

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

### Interchangeable Front Caps



N3C-C / Close Cap

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



N3C-D / Diffuser Cap

This cap diffuses the LED light.



N3C-D2 / Opal Diffuser Cap  
This cap diffuses the LED light.



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-O / Open Cap  
This is the standard cap for normal usage.



N3C-S / Sidelight Cap  
This cap creates images with more depth and texture.

