

AM4115T



The AM4115T, 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.

Overview



Convenient flexible magnification

The Dino-Lite is capable of variable magnification with a range of 20~220x depending of working distance by simply zooming in or out with just a rotating dial.



High optical resolution

The superior optics adopted in the Edge series reveals the finest details, answering the needs of the most demanding microscopy applications.



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
20	60.2	19.5	15.6	2.5
30	33.5	13	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	
60	9.7	6.5	5.2	
70	7.1	5.6	4.5	1.0
80	5.5	4.9	3.9	
90	4.5	4.3	3.5	
100	4.1	3.9	3.1	
110	4	3.6	2.8	
120	4.1	3.3	2.6	
130	4.5	3	2.4	
140	5	2.8	2.2	
150	5.6	2.6	2.1	
160	6.3	2.4	2	
170	7.1	2.3	1.8	
180	8	2.2	1.7	
190	8.9	2.1	1.6	
200	9.9	2	1.6	
210	10.9	1.9	1.5	
220	11.9	1.8	1.4	0.1

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

Interchangeable front caps



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



N3C-C / Close Cap

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



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.

Specification

Model	AM4115T Dino-Lite Edge
Interface	USB 2.0
Product Resolution	1.3M pixels (SXGA)
Magnification Rate	20x~220x
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)