

AM4113T



The Dino-Lite Premier AM4113T is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification. It specializes in obtaining clear and accurate images up to 200x magnifications, capable of seeing grains of sand. Provides superior image quality with a 1.3 Megapixels sensor with natural color reproductions, and also has low light sensitivity. These features obtain superior image quality with recorded images for professional applications and quality unmatched from the competition.

The Dino-lite Premier AM4113T handheld design makes microscopy an easy and mobile experience. Save time by bringing the Dino-Lite with a laptop to examine objects of interest. Simple to use, just adjust a dial on the Dino-Lite to focus then with one of many ways take a picture, or record a video. Even annotate, measure, and distribute recorded data right away with easy to operate complimentary software compatible for a PC or MAC. The Dino-Lite is ideal to use in industrial applications, education, office, or laboratory and a convenient device to have around.

Overview



Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC.



Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



Scroll Lock

Assure the knobs position with the scroll lock.

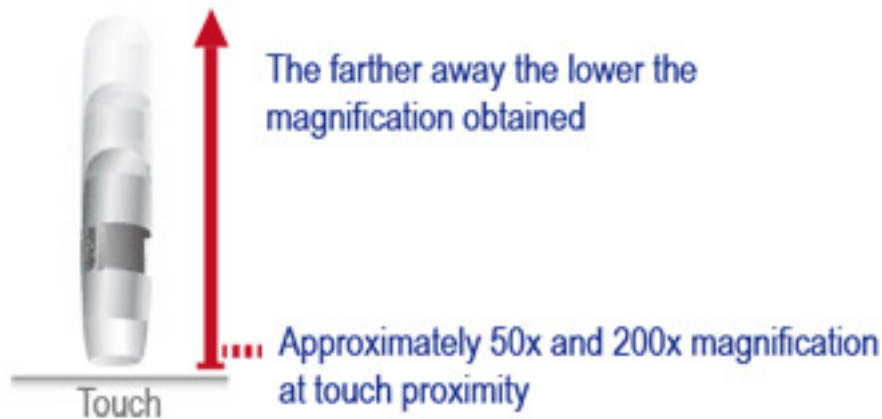
Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

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

DOF=

depth of field Unit = mm



Specification

Model : AM4113T Dino-Lite Premier

Interface : USB 2.0

Product Resolution : 1.3M pixels (SXGA)

Magnification Rate : 20x~50x, 200x

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 10.4 or later

Unit Weight : 105g

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

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