Dino-Lite
Digital Microscope

AM4113-FI2T

Featuring 940nm infrared lighting.

Overview

200X

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.

IR

940nm IR illumination
940nm Near Infrared lights to illuminate specimens.

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 convienently document or share information with the bundled software.

Scroll Lock
Assure the knobs position with the scroll lock.

MicroTouch
Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	51.7	25.1	20.1
30	24.1	16.8	13.4
40	11	12.6	10.1
50	3.8	10.1	8.0
60	-0.6	8.4	6.7
200	-0.4	2.5	2.0
210	0.6	2.4	1.9
220	1.7	2.3	1.8
230	2.8	2.2	1.7

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

The farther away the lower the magnification obtained

··· High Magnification
Requires approximately 5cm space to obtain focus

Specification

Model : AM4113FI2T Dino-Lite Pro
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 Infrared (940nm) LED lights switch 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 : 100g
Unit Dimension : 10.5cm (H) x 3.2cm (D)
Package Dimensions : 16cm (L) x 16cm (W) x 6cm (H)