AM4013MTL

Featuring enhanced 1.3 Megapixels sensor with working distance optics, with tough metal housing.

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 convienently document or share information with the bundled software.

Long working distance
Approximately 90x max magnification over 5cm providing comfortable space between objects.

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.

Metal

Robust housing
Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant, and ROHS compliant.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

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 : AM4013MTL Dino-Lite Premier
Interface : USB 2.0
Product Resolution : 1.3M pixels (SXGA)
Magnification Rate : 20x~90x
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 LEDs switched on/off by software
Measurement Function : Yes
Calibration Function : Yes
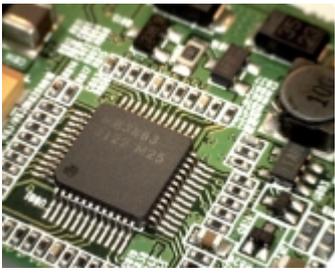Operating System Supported : Windows 10, 8, 7, Vista, XP
MAC OS 10.4 or later
Unit Weight : 140g
Unit Dimension : 10.5cm (H) x 3.2cm (D)
Package Dimensions : 21.5cm(L) x 18cm(W) x 7cm(H)

Gallery

PCBA

More field of view

IC

IC