AM4013MTL-FVW

Featuring enhanced 1.3 Megapixels sensor with software switchable 400nm UV and white lighting.

Overview

Dual light source
This software controlled feature allows switching between two sets of lighting for examination.

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

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.

UV

400nm UV illumination
400nm Near UV lighting to illuminate specimens.

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-FVW 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 : 4white and 4 UV(400nm) LED lights switched 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)