AM4013MZT4

Featuring enhanced 1.3 Megapixels sensor, 400x magnification with rotatable polarization.

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.

Over 400X magnification
See more details with 430x-470x.

Adjustable polarization
Useful for suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the sub dermal layer of skin.

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)
430	-0.45	0.91	0.73
440	0.4	0.89	0.71
450	1.35	0.87	0.7
460	2.3	0.85	0.68
470	3.15	0.83	0.67

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

Must be near or touching the object to obtain focus

Touch

Specification

Model : AM4013MZT4 Dino-Lite Premier
Interface : USB 2.0
Product Resolution : 1.3M pixels (SXGA)
Magnification Rate : 430x~470x
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
Polarizer : Yes
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 : 21.5cm(L) x 18cm(W) x 7cm(H)