![Dino-Lite Digital Microscope]

AM4113ZT4

Featuring 400x optics with rotatable polarization using enhanced 1.3 Megapixels sensor

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.

400X

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.

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 : AM4113ZT4 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 LED lights 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 : 100g
Unit Dimension : 10.5cm (H) x 3.2cm (D)
Package Dimensions : 16cm (L) x 16cm (W) x 6cm (H)