

AM4013MZT



Featuring enhanced 1.3 Megapixels sensor with optics specialized in low magnification.

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 conveniently document or share information with the bundled software.



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..



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.



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 | 48.7 | 19.6 | 15.6 |
| 30 | 21.7 | 13.0 | 10.4 |
| 40 | 9.0 | 9.8 | 7.8 |
| 50 | 1.9 | 7.8 | 6.3 |
| 60 | -2.3 | 6.5 | 5.2 |
| 220 | -0.1 | 1.8 | 1.4 |
| 230 | 1.0 | 1.7 | 1.4 |
| 240 | 2.1 | 1.6 | 1.3 |

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



Specification

Model : AM4013MZT Dino-Lite Premier

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 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 : 140g

Unit Dimension : 10.5cm (H) x 3.2cm (D)

Package Dimensions : 21.5cm(L) x 18cm(W) x 7cm(H)

