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## DINO-LITE PREMIER DIGITAL MICROSCOPE

Brand: **Dino-Lite**

Product Code: **AM4113ZT**



### DINO-LITE PREMIER DIGITAL MICROSCOPE

The Dino-Lite Premier AM4113ZT is a 1.3 megapixel handheld digital microscope with adjustable polarization. It is especially useful in suppressing glare from reflective materials, such as metals, plastics, or glass, and applicable in dermatology for observing the subdermal layer of skin.

The convenient Dino-Lite design allows microscopy that can be brought to the field and examine large or small objects. This model is featured with variable optical magnification capable of up to 200x. With high sensitivity 1.3 megapixels sensor to reveal more detail under polarization and high magnification.

Simply powered by USB 2.0: 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

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.

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.

Convenient lighting: Built in light source for illuminating objects of interest.

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.

Professional measurement tools: Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.

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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 ,PNMDinoXcope:

PNG ,JPEGMovie:DinoCapture2.0: WMV, FLV, SWFDinoXcope: MOV

Microtouch: Touch sensitive trigger on the microscope for taking pictures

LED lighting: 8 white LED lights switched on/off by software

Measurement Function: Yes

Calibration Function: Yes

Operating System Supported: Windows 8 ,7 ,Vista, XPMAC OS 10.4 or later

Unit Weight: 105(g)

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

Package Dimensions: 16cm (L) x 16cm (W) x 6cm (H)

#### APPLICATION EXAMPLES:

Industry - Manufacturing / Engineering integration / Quality Control / Assembly / Printing / Repairing / Inspection / Textile / PCB/IC / LCD/Solar Panel / Agriculture / Automotive / Printing

Science & Education - Education / Lab/Research / Life science / Training / Entomology / Plants/ Botany / Archaeology / Minerology / Paleontology / Material Science / Ecology

Healthcare - Dermatology / Nail Circulation / Iridology / Tricology / Laboratory / Veterinary

Forensic - Law enforcement / Counterfeit

Jewelry, Collectibles & Hobby - Hobbies / Jewelry / Coins / Stamps / Antiques / Art restoration / Culture preservation