

AM4013ZT4 (Polarized)



- Handheld Digital Microscope
- Built in Polarizing kit can be switched on/off
- “Micro-Touch” (trigger button)
- Measurement feature with calibration
- USB 2.0 Output
- 1.3M / Resolution 1280x1024
- Magnification: 400x ~ 470 x

Description

Product Number	AM-4013ZT4 (Polarized)	Magnification	400x ~ 470x Fixed magnification
Warranty Period	1 Year	Pixels	1.3M
Condition	New	Resolution	1280x1024
Packaging	Retail Box	Data Output	USB 2.0
Tech Support	Dealer or BigC.com	Sensor	Enhanced Color CMOS
Regulatory Approval	CE, FCC, ROHS	Country of Origin	Taiwan
Unit Weight	0.35 lb / 98 g	Unit Weight w/package	0.84 lbs
Unit Dimension	4” (H) x 1.26” (D)	Unit Box Dimensions	6.5”x6.5”x 2.5”

Product Applications

The Dino-Lite AM4013ZT4 digital handheld microscope has 400x ~ 470 x magnifications with adjustable polarization capabilities. Allows you to see fine details of surfaces by fully or partially removing the reflection of semi-transparent materials like; jewelry, skin, glass, or plastic. It is also deal for examining highly reflective materials, such as metals or solder joints. The AM4013ZT4 is part of the Dino-Lite Premier series that features enhanced 1.3 megapixel sensor for improved image quality.

Connect the Dino-Lite AM4013ZT4 to your computer via USB and use it with the included DinoCapture 2.0 software. Allowing you to take pictures, record video and also annotate right away. Having a Dino-Lite handheld digital microscope is a great tool to easily and instantly see magnified objects right on your computer screen. Giving you ease of use and unique handheld microscopy experience.

General Features:

- “Micro-Touch” (trigger button)
- USB 2.0 Output, 1.3M / Resolution 1280x1024
- Magnification: 400x ~ 470x Fixed magnification
- Measurement with calibration features

Technical Specifications:

- “Micro-Touch” (trigger button)
- USB 2.0 Output, 1.3M / Resolution 1280x1024
- 400x ~ 470x Fixed magnification
- Sensor: Enhanced Color CMOS
- Video frame Rate: up to 30 frame-per-second, 15fps at 1.3M
- Illumination: Built-in 8 white LEDs
- LED on/off controlled by software
- Save File format: BMP, JPG, AVI
- Compatible Windows 2000/XP, Vista, 7 and most MAC OS
- Measurement with calibration features

Microscope Dimensions and Weight:

- Body length: 4 inches / 10.2 cm
- Body Diameter: 1.26 inches / 3.2cm max.
- Cable length: 6 feet / 180 cm

Mechanical Layout:

- Body with USB cable: 95g +/- 10g
- Total package weight: 280g +/- 20g (not including manual)

Regulatory Approvals:

- CE, FCC, ROHS

Package includes:

- DinoLite digital microscope
- Application Software CD
- ZT Holster for all BigCatch stand
- Deluxe storage bag

Options:

- Table top stand MS35B or MS34B-R2 is recommended
- USB 6 feet Extension cable

Additional Information:

- AM 4013ZT4 (400X~ 480X fixed magnification) Working Distance Example -----

Magnification	Working Distance	Viewable Area
~ 480X -----	~ 7.5mm -----	0.79mm x 0.59mm
~ 470X -----	~ 6.5mm -----	0.81mm x 0.60mm
~ 460X -----	~ 6mm -----	0.82mm x 0.61mm
~ 450X -----	~ 5mm -----	0.85mm x 0.63mm
~ 440X -----	~ 4mm -----	0.87mm x 0.65mm
~ 430X -----	~ 3mm -----	0.88mm x 0.66mm
~ 400X~ 420X---	~ 0-1mm -----	0.91mmx 0.68mm

- Polarizing kit can be switched on/off or can be adjusted to offer full or half polarization

Product Requirements:

- Intel Pentium 4 2.4GHz processor or faster
- Windows 2000/XP, Vista, 7
- 512 MB RAM
- CD-ROM drive
- 16-bit color display monitor or higher
- Available Hi-speed USB 2.0 Port



