

## Dino-Lite Series

Dino-Lite Portable Digital Microscope / Polarized Camera



Model : AM4013MZTL (Polarized)

- Handheld working distance (WD) 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: 10x, 20X~92X Magnification range (dependant on WD)

### Description

Product Number	AM4013MZTL	Magnification	10x ~20X, 20X~92X Variable
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	132 gm	Unit Weight w/package	1.4 lbs
Unit Dimension	4” (H) x 1.26” (D)	Unit Box Dimension	8.5”x7”x 2.75”

### Product Applications

The AM4013MZTL polarized and working distance (WD) model is designed to reduce the effects of glare and to help eliminate "hot spots" from highly reflective surfaces and providing



uniform illumination to bring out more surface detail with minimal glare. The Dino-Lite Polarizing system can be switched on/off or can be adjusted to offer full or half polarization, providing the versatility required for use in the variety of applications.

AM4013MZTL model has "Microtouch" shutter trigger allowing for convenient image capture capability while in hand-held mode OR rigid mount mode trigger feature is best when use in hand held mode. The aerospace-grade machine tooled aluminum housing offers enhanced protection and durability even in the harshest working environments and the precision machined construction allows for smoother adjustment and operation and focusing. The stylish and durable polished aluminum body and performance upgrades make the AM4013MZTL the first choice for professionals.

The AM4013MZTL is the latest addition to the flagship "Premier" series of Dino-Lite digital microscopes offering true 1.3 mega pixel high resolution imaging and also comes with the calibrated measurement feature and all of the other standard features found in the Dino-Lite line of digital microscopes including the "DinoCapture" software.

## Features/Specifications:

### General Features:

- "Micro-Touch" (trigger button)
- USB 2.0 Output, 1.3M / Resolution 1280x1024
- Magnification: 10x ~20X, 20X~92X Variable

### Technical Specifications:

- "Micro-Touch" (trigger button)
- Sensor: Enhanced Color CMOS
- Video frame Rate: up to 30 frame-per-second
- 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 ([please verify MAC OS](#))
- Measurement with calibration feature

### Microscope Dimensions and Weight:

- Body length: 4 inches / 10.2 cm
- Body Diameter: 1.28 inches / 3.3cm max.
- Cable length: 6 feet / 180 cm



**Mechanical Layout:**

- Body with USB cable: 132 gm
- Total package weight: 1.4 lbs (not including manual)

**Regulatory Approvals:**

- CE, FCC, ROHS

**Package includes:**

- Dino-Lite digital microscope
- Application Software CD
- Deluxe storage bag

**Additional Information:**

----- AM-413MZTL Magnification vs. Working Distance table-----

(92X) Mag @ 4.7 cm /1.9” from object - FOV= 0.15” (L) x 0.11” (W) / 3.8mm x 2.85mm

(79X) Mag @ 5.0 cm /2.0” from object - FOV= 0.18” (L) x 0.13” (W) / 4.5mm x 3.3mm

(52X) Mag @ 6.3 cm /2.5” from object - FOV= 0.27” (L) x 0.20” (W) / 6.8mm x 5.1mm

(27X) Mag @ 11.5 cm /4.5” from object - FOV= 0.52” (L) x 0.38” (W) / 13mm x 9mm

(20X) Mag @ 14.4 cm /5.7” from object - FOV= 0.7” (L) / 0.4” (W) / 18mm x 10 mm

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

**Product Requirements:**

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