

**Model :**  
**AM4013ZTL (Polarized)**  
**(Polarized w/Working distance)**

Up to <b>30FPS</b>	<b>1.3</b>	<b>10x~ 92x</b>
Frame/ second	Mega pixels	Zoom range



- 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)

## Product Applications

The AM4013ZTL 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.

AM4013ZTL 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 AM4013ZTL the first choice for professionals.

The AM4013ZTL 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.

### General Features:

- “Micro-Touch” (trigger button)
- USB 2.0 Output, 1.3M / Resolution 1280x1024
- Magnification: 10x ~20X, 20X~92X Variable
- Measurement with calibration feature

### Technical Specifications:

- “Micro-Touch” (trigger button)

- 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, and more...
- Compatible Windows 2000/XP, Vista, 7 and MAC OS 10.4 or greater
- Measurement with calibration feature

### **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 is recommended
- Articulating desktop stand MS22B, MS52B, MS72B
- Multi-positioning Specimen Holder MS16C
- USB 6 feet Extension cable

### **Additional Information:**

- ----- AM-4013ZTL Magnification vs. Working Distance table-----  
 (92X) Magnification @ 4.7 cm /1.9" from object - FOV= 0.15" (L) x 0.11" (W) / 3.8mm x 2.85mm  
 (79X) Magnification @ 5.0 cm /2.0" from object - FOV= 0.18" (L) x 0.13" (W) / 4.5mm x 3.3mm  
 (52X) Magnification @ 6.3 cm /2.5" from object - FOV= 0.27" (L) x 0.20" (W) / 6.8mm x 5.1mm  
 (27X) Magnification @ 11.5 cm /4.5" from object - FOV= 0.52" (L) x 0.38" (W) / 13mm x 9mm  
 (20X) Magnification @ 14.4 cm /5.7" from object - FOV= 0.7" (L) / 0.4" (W) / 18mm x 10 mm
- 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 XP, Vista, 7

- 512 MB RAM
- CD-ROM drive
- 16-bit color display monitor or higher
- Available Hi-speed USB 2.0 Port

