

## Dino-Lite Series

### Portable, handheld Dino-Lite Digital Microscope / Camera



Model : AD413T

- Handheld Digital Microscope
- 1.3M / Resolution 1280x1024, 10~220X Variable Magnification
- Removable nozzles
- Effective magnification rate can reach 330x with digital "zoom in"
- USB 2.0 Output
- LED on/off controlled by software
- Accurate measurement w/ calibration features



[▶ Comparison Table](#)

[▶ Demo Images / Tips](#)

[▶ Product sheet \(pdf\)](#)

Description			
Product Number	AD-413T	Magnification	10~200X Various Magnification (zoom in option - 330x)
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	0.2 lb / 90gm	Unit Weight w/package	0.62 lbs
Unit Dimension	4" (H) x 1.26" (D)	Unit Box Dimension	6.5"x6.5"x 2.5"

### Product Applications

The adaptable "AD" series model AD413T with 10x~220X variable Magnification and interchangeable nozzle

features come with both a standard open faced nozzle as well as a sealed transparent cap nozzle designed to protect the lens and built in LED lights from dust, debris and moisture common to certain work environments. The removable nozzles also provide the user the option of increasing working distance when using the digital microscope without any nozzle installed. This option allows the AD413T model increase working distance an additional 0.0" - 0.4" with variable optical magnifications within this range of 60X-180X and up to 220X without coming in contact with the observed object. The removable and interchangeable nozzle also allows the "AD" series of scopes to be receptive and compatible with current and future add-on feature upgrades, such as the diffuser viewing option.

The AD413T is also equipped with calibrated measurement and other standard features such as "Microtouch" shutter trigger, 8 built in LED lights with on/off, etc. found in previous AM4XX models. Dino-Lite digital microscopes are an affordable feature loaded portable magnification device designed for dedicated workstation, quality assurance, educational and general inspection applications. Included with each Dino-Lite digital microscope is a copy of the "DinoCapture" software, enabling you to "capture" either a photograph, video or time-lapsed video and perform measurement and other critical tasks.

## Features/Specifications

### General Features:

- Resolution: 1280x1024 pixels
- Interface: USB 2.0
- Magnification: 10x ~200x
- Effective magnification rate can reach 330x (VGA Mode only) with digital "zoom in"
- Accurate measurement with calibration features

### Technical Specifications:

- Resolution: 1280x1024 pixels
- Interface: USB 2.0
- Magnification: 10x ~200x
- Effective magnification rate can reach 330x with digital "zoom in"
- Sensor: Enhanced Color CMOS
- Video frame Rate: up to 30 frame-per-second
- Illumination: built-in 8 white LED's
- LED on/off controlled by software
- Save File format: BMP, JPG, AVI
- Compatible Windows 2000/XP, Vista and most MAC OS ([please verify MAC OS](#))
- Accurate 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)
- Magnification: 10x~50x, 200x

### **Regulatory Approvals:**

- CE, FCC, ROHS

### **Package includes:**

- DinoLite digital microscope
- Application Software CD
- FC-CC1 Sealed transparent cap nozzle
- Deluxe storage bag

### **Options:**

- Table top stand MS35B, MS36B, MS52B, MS72B, MS16C
- Articulating desktop stand MS22B, MS33W

### **Additional Information:**

AD-413T 10x~50X, 200X has additional Magnification after remove lens cover

Magnification / Working Distance

50x ~ 10mm

75x ~ 6.5mm

100x ~ 4mm

125x ~ 4mm

150x ~ 5.5mm

175x ~ 7mm

200x ~ 10mm

### **Product Requirements:**

- Intel Pentium 4 1.5G MHz processor or faster
- Windows 2000/XP, Vista
- 256 MB RAM
- CD-ROM drive
- 16-bit color display monitor or higher
- Available USB 2.0 port

