



## Model : AM4016ZT(Polarize)



- Handheld Microscope
- Built on Polarizing kit can be switched on/off
- Built-in Microtouch - Control LED ON/OFF
- Resolution 800x600
- 15 pins VGA output
- 10~240X Variable Magnification



## Product Applications

Enjoy convenient direct connection to a computer monitor with the Dino-Lite Premier AM4016 Series VGA microscope. Simply plug a standard VGA (DE15, D-SUB) cable into the VGA adaptor on the microscope cord and plug directly into your computer monitor. With our unique patented design, the AM4016 Series can achieve up to 240X magnification (dependant on working distance) without the need to swap out the lens and provides 800 x600 resolution in addition to real time imaging of 60fps. The new, latest technology sensor provides enhanced low light visibility for clear images in any situation. The "Microtouch II" button enables the operator to switch the built in LED lights on or off.

The AM4016ZT (polarized) 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. AM4016ZT allows the user to turn the eight built in LED lights either on or off with a conveniently located button on the scope providing the user with the flexibility to adapt and correct for various lighting conditions. The 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 Dermatology - Skin or Scalp check, for diagnosis, cosmetic, follow up, hair loss treatment, etc., as well biomedical, printing/graphic arts, surface analysis and a variety of other fields.

The Dino-Lite Premier AM4016 Series VGA direct model is a versatile handheld or stand mounted microscope designed to satisfy a wide range of microscopy requirements without the added expense of a computer or television monitor resulting in significantly lower total system cost.

## General Features:

- Resolution: 800x600 pixels
- Interface: 15 Pins VGA output

- Magnification: 10~240X Variable magnification

### **Technical Specifications:**

- Resolution: 800x600 pixels
- Interface: 15 Pins VGA
- Magnification: 10~240X Variable magnification
- Sensor: Enhanced Color CMOS
- Illumination: built-in 8 On/Off white LED's

### **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 Video cable, AC adaptor: 0.42 lbs
- Total unit with cable weight: 0.84 lbs / 280g +/- 20g (not including manual)

### **Regulatory Approvals:**

- CE, FCC, ROHS

### **Package includes:**

- Dino-Lite digital microscope
- AC adaptor
- Deluxe storage bag

### **Options:**

- Table top stand MS35B is recommended

### **Product Requirements:**

- LCD, TV with 15 pins VGA connectors
- VGA 15 pins cable
- Power Adaptor 110V

# 4012 / 4016 Series

(10x~ 240x Variable Magnification)



~10x

~240x

## WD

Range (w/ Cap)

~6.65"  
(10x~169mm)

~20x ~ 1.92"

~30x ~ 0.85"

~40x ~ 0.35"

~55x ~ Touch

~205x ~ Touch

~240x ~ 0.083"

~0.083"  
(240x ~2.1mm)

## FOV

X

1.97"

0.06"

Y

1.46"

0.05"

WD= Working Distance  
FOV= Field of View