



DLite Zoom Microscope



Touch this camera directly onto any object or surface, then watch the live color video image on the screen and present it to a whole group simultaneously. Just by touching the sample with the internally lit lens tip, you are instantly focusing, illuminating, and magnifying to the screen. You and your students will be so impressed with the image that you won't be able to resist capturing still pictures, video movies and time lapse movies. Zooms 10x to 200x magnification with 50x, 200x fixed magnification when touching. Includes stand. Available in digital USB or analog RCA output versions.

Simple...Powerful...Reliable...Cost Effective

Features

- Save time with easy set-up, instant focus by touch at 50x, 200x, and no sample preparation
- Excite students by instantly displaying a new micro-world to the whole group
- Digital version captures stills, movies and time lapse movies
- Calibration and measurement feature allows measurement at any magnification
- Cost effective with durable construction and low maintenance
- Show more visual variety during use with zoom lens feature keeping it interesting throughout the lesson
- Save time by showing samples at various magnification without pausing to change lenses
- Images and movies can be used by students in their own reports and presentations to the class and can be used by the teacher for lesson review and in tests or quizzes

System Requirements

Digital Version (Part # DM-113) PC: USB 2.0 Port, Windows XP (SP2) or Vista, Pentium 4 or equivalent, a powered USB may be required on some systems. Not compatible for Mac

Analog Version (Part # AM-113) 110 V, Composite Video In (RCA) NTCS or PAL

Specifications

DLite Analog Model – Part # AM-113:

- Image Sensor: 1/3" Color CMOS image sensor
- Effective Pixels: NTSC: 510x496 PAL: 628x586
- Video Output: 1Vp-p analog video @75 ohm, RCA jack
- Signal Output: NTSC/PAL
- Gain Control: Auto Gain Control (AGC)
- White Balance: Automatic
- Magnification: 10X~200X
- Power Source: 5VDC
- Power Consumption: 250mA
- CE, FCC and RoHS Compliant

DLite Digital Model – Part # DM-113:

- Image Sensor: 1/4" Color CMOS image sensor
- Effective Pixels: 1280 (H) x 1024 (V) pixels
- Signal Output: Serial data for USB standard compliant 2.0
- Gain Control: Auto Gain Control (AGC)
- White Balance: Automatic

- Snap Shot Mode: Hardware/Software controllable
- Power Source: 5VDC through USB port
- Power Consumption: 110mA (AVG)
- O/S: Windows XP SP2 and VISTA
- Fixed magnification for 50X and 200X digital microscope: 10X~200X range
- CE, FCC and RoHS Compliant

Software Features:

- Still Image Capture: jpeg, bmp
- Movie Capture: mpeg, avi, manual setting clip length
- Time Lapse Movie Capture: mpeg, avi, manual setting parameters
- Thumbnail Library for Image/Movie Viewing, File Saving
- Calibration & measuring function in pixels, mm
- 4x Digital Zoom
- Time & Date Function
- Freeze Frame