



DLite 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. The DLite Microscope is the only zoom scope model that has STR's exclusive accessories and curriculum forming our Education Kits. Available accessories include the tip set, Discovery Scope attachment, XYZ stage, and backlight lamp with Light Blocker. Our available curriculum and lesson plans are written by expert teachers and are classroom tested.

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

Features

- The only zoom scope with a tip set, Discovery Scope attachment, XYZ stage, and STR curriculum
- Save time with easy set-up, simple thumb wheel for zoom/focus 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
- 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 USB Version PC: USB 2.0 Port, Windows XP (SP2)/Vista/7, Pentium 4 or equivalent, a powered USB may be required on some systems. **Mac:** Works best using "Photo Booth" or "iMovie" software, secondary Mac software available for small cost

Specifications

DLite Analog RCA Model:

- 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 zoom, 500x, 1x-10x
- Power Source: 5VDC
- Power Consumption: 250mA
- CE, FCC and RoHS Compliant

DLite Digital USB Model:

- 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, VISTA, 7 (Mac compatible)
- Magnification: 10x-200x zoom, 500x, 1x-10x
- 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
- Time & Date Function
- Freeze Frame