school & science technology resources
KNOWLEDGE IN HAND

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ProScope HR Digital Microscope/Videocamera

The ProScope HR is a handheld video camera with interchangeable lenses that displays live video images on a computer. The included software for the Mac and PC allows screen display image captures, video movies time lapse movie captures. Still image captures are high resolution at 1.3 mega pixels.

The ProScope HR has lens options ranging from 1x up to 400x and a microscope adaptor lens. All lenses and accessories are shared with the Scope On A Rope™ L2. Education Kits are available to best suit your classroom needs.

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

Features

- Displays live video images, records snapshots, movies and time-lapse images. Time lapse fully programmable for duration and frequency.
- Portable (with laptop computer).
- "Touch & View" lenses allow you to magnify images by touching them with the microscope lens tip. Focuses instantly. No knobs to turn or squinting through an eyepiece.
- This one tool is multipurpose and cross-curricular for use as a microscope, presentation camera and document camera.
- Optional accessories include stand, tripod, stage adapter for viewing slides and water samples, carrying case, collection and display set, Teacher Resource CD with lesson plans and training.
- Automatic white balance and exposure, manual control optional. Color adjustment controls allow fine tuning or artistic effects.

System Requirements

PC: USB 2.0 Port (preferred), Windows XP (SP2) or Vista, Pentium 4 or equivalent, a powered USB may be required on some systems

Mac: USB 2.0 Port (preferred), Mac OS 10.4.8+, 32 MB RAM, G4, G5 or Intel Mac, a powered USB may be required on some systems

Specifications

1/4-inch progressive 1.3 mega pixel color CCD

Still Capture: 1280 x 1024, 640 x 480, or 320 x 240

Video Capture: 30fps at 320 x 240, 15fps at 640 x 480, 15fps at 1280 x 1024

Power source: USB 2.0 interface from computer (5V, 400 mA)

1.8m (6ft) cable, dimensions – 152mm x 45mm

Driver: USB Video Class – USB Human Interface Device Class