

ProScope HR™ Specifications

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| Imager | 1/4 inch high resolution 1.3Mp color sensor | 1,310,720 effective pixels |
| Interface | USB 2.0 | High Speed |
| Magnification | Varies based on attached lens. ProScope HR base unit can also attach to a traditional microscope via an optional C-mount adapter. | 1-10x, 30x, 50x, 100x, 200x and 400x lens options available (approximate magnification when displayed on a 14-inch video monitor). |
| Dimensions | 152mm (length), 45mm (width) | |
| Weight | About 150g, without lens unit attached | About 185g with lens unit attached. |
| Power Consumption | About 400mA | When using a 5V light source. |
| Length of cable | About 1.8m (6 ft) | |
| Capture Button | Initiates still, movie, and time lapse capture in ProScope HR software. | |
| Light Switch | 3-position on/off switch for lens LEDs | A-OFF-B |
| Camera Mount | (2) standard tripod mount | 1/4" – 20 threads |
| Lens Release Button | Disengages lens lock pin for lens removal | |
| Video Preview | 30fps @ 320x240 pixels (QVGA) 15fps @ 640x480 pixels (VGA) 3.75fps @ 1280x1024 pixels (SXGA) | |
| Video Controls | Brightness, Contrast, Hue, Saturation, and Sharpness. | Light Source/White Balance options include ProScope HR LED, incandescent, florescent, daylight, and auto. |
| Still Capture | 320x240 pixels (QVGA) 640x480 pixels (VGA) 1280x1024 pixels (SXGA) | |
| Video Capture | 30fps @ 320x240 pixels (QVGA) 15fps @ 640x480 pixels (VGA) 3.75fps @ 1280x1024 pixels (SXGA) | |
| Driver | USB Video Class Compliant USB Human Interface Device Compliant | Mac/PC |
| Mac minimum system requirements | OS 10.4.8 or later Quicktime 7 or later Factory installed USB 2.0 high speed port G4 or Intel Mac | Third party USB 2.0 upgrade controllers may work. A powered USB 2.0 hub may be required on some computers. |
| PC minimum system requirements | Windows XP service pack 2 or later Quicktime 7 or later DirectX 9 or later Factory installed USB 2.0 high speed port P4 or equivalent | Third party USB 2.0 upgrade controllers may work. A powered USB 2.0 hub may be required on some computers. |
| Operating Temperature Range | 5C~40C | |
| Storage Temperature Range | -10C~60C (Without condensation) | |