

ProScope HR™ Specifications

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)	