

## ProScope HR™ Specifications

<b>Imager</b>	1/4 inch high resolution 1.3Mp color sensor	1,310,720 effective pixels
<b>Interface</b>	USB	USB 2.0 or USB 1.1, USB 2.0 required for high resolution mode (SXGA) and higher frame rates.
<b>Magnification</b>	Varies based on attached lens. ProScope HR base unit can also attach to a traditional microscope via our optional C-mount adapter.	1-10x, 30Nx, 50x, 100x, 200x, 400x, 500X, 1000X lens options available (approximate magnification when displayed on a 14-inch video monitor).
<b>Dimensions</b>	152mm (length), 45mm (width)	
<b>Weight</b>	About 150g, without lens unit attached.	About 185g with lens unit attached.
<b>Power Consumption</b>	About 400mA	When using a 5V light source.
<b>Length of cable</b>	About 1.8m (6 ft)	
<b>Capture Button</b>	Initiates still, movie, and time lapse capture in ProScope HR software.	
<b>Light Switch</b>	3-position on/off switch for lens LEDs	A-OFF-B (B active with 30N lens only)
<b>Camera Mount</b>	(2) standard tripod mount	1/4" – 20 threads
<b>Lens Release Button</b>	Disengages lens lock pin for lens removal.	
<b>Video Preview</b>	30 fps @ 320x240 pixels (QVGA) 15 fps @ 640x480 pixels (VGA) 3.75 fps @ 1280x1024 pixels (SXGA)	
<b>Video Controls</b>	Brightness, Contrast, Hue, Saturation, and Sharpness.	Light Source/White Balance options include ProScope HR LED, Incandescent, Fluorescent, Daylight, and Auto.
<b>Still Capture</b>	USB 2.0 High Speed 320x240 pixels (QVGA) 640x480 pixels (VGA) 1280x1024 pixels (SXGA)	USB 1.1 Full Speed 320x240 pixels (QVGA) 640x480 pixels (VGA) High resolution mode (SXGA) not available.
<b>Video Capture</b>	USB 2.0 High Speed 30 fps @ 320x240 pixels (QVGA) 15 fps @ 640x480 pixels (VGA) 3.75 fps @ 1280x1024 pixels (SXGA)	USB 1.1 Full Speed ~ 4 fps @ 320x240 pixels (QVGA) ~ 1 fps @ 640x480 pixels (VGA) High resolution mode (SXGA) not available.
<b>Driver</b>	USB Video Class USB Human Interface Device Class	Mac/PC
<b>Macintosh minimum system requirements</b>	OS 10.4.8 or later Quicktime 7 or later Factory installed USB 2.0 or USB 1.1 port G4, G5 or Intel Mac	USB 2.0 port recommended. A USB 1.1 port may be used but only 640x480 (VGA) and 320x240 (QVGA) modes are supported and at a much reduced frame rate.
<b>Windows minimum system requirements</b>	Windows XP Service Pack 2 or later Quicktime 7 or later DirectX 9 or later Factory installed USB 2.0 or USB 1.1 port Pentium 4 or equivalent	USB 2.0 port recommended. A USB 1.1 port may be used but only 640x480 (VGA) and 320x240 (QVGA) modes are supported and at a much reduced frame rate.
<b>Operating Temperature Range</b>	5C~40C	
<b>Storage Temperature Range</b>	-10C~60C (Without condensation)	
<b>Other</b>	RoHS Compliant, Lead Free	Made in USA
<b>Warranty</b>	Two Year Warranty	

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