

ProScope HR2™ Specifications

Imager	1/3 inch high resolution 2Mp color sensor. 1,920,000 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 our optional C-mount adapter. 1-10x, 30Nx, 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.
Camera Mount	(2) standard tripod mount. 1/4" - 20 threads.
Lens Release Button	Disengages lens lock pin for lens removal.
Video Preview	30 fps @ 320x240 pixels (QVGA) 15 fps @ 640x480 pixels (VGA) 3.75 fps @ 1280x1024 pixels (SXGA) 2.5 fps @ 1600x1200 pixels (UXGA)
LED Control	3-position on/off switch for lens LEDs. A-OFF-B Variable LED Intensity through ProScope HR Software.
Video Controls	Brightness, Contrast, Saturation, Sharpness, Manual and Auto Exposure, Image Orientation (Flip and Mirror), Manual and Auto White Balance presets, and RGB White Balance components. Light Source/White Balance presets include ProScope HR LED, Incandescent, Fluorescent, Daylight, and Auto.
Still Capture	320x240 pixels (QVGA) 640x480 pixels (VGA) 1280x1024 pixels (SXGA) 1600x1200 (UXGA)
Video Capture	30 fps @ 320x240 pixels (QVGA) 15 fps @ 640x480 pixels (VGA) 3.75 fps @ 1280x1024 pixels (SXGA) 2.5 fps @ 1600x1200 pixels (UXGA)
Driver	USB Video Class USB Human Interface Device Class
Macintosh Minimum System Requirements	OS 10.4.8 or later Quicktime 7 or later Factory installed USB 2.0 high speed port G4, G5 or Intel Mac
Windows 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 Pentium 4 equivalent or faster
Operating Temperature Range	5C~40C
Storage Temperature Range	-10C~60C (Without condensation)
Manufacturing	Made in USA RoHS Compliant, Lead Free
Warranty	Two Year Warranty

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Technology licensed under the following patents:
U.S. Patent Nos. 5,442,489 to Yamamoto et al.
U.S. Patent Nos. 5,416,511 to Ishikawa et al.
U.S. Patent Nos. 6,063,024 to Yamamoto
U.S. Patent Nos. 4,988,158 to Yamamoto (Expired)
U.S. Patent Nos. 4,930,851 to Yamamoto (Expired)