


PROSCOPE HR™ SPECIFICATIONS

Imager	1/4 inch high resolution 1.3Mp colour sensor	1,310,720 effective pixels
Interface	USB	USB 2.0 or USB 1.1, USB 2.0 required for high resolution mode (SXGA) and higher frame rates
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, 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 (B active with 30N lens only)
Camera Mount	(2) standard tripod mount	¼"-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)	
Video Control	Brightness, Contrast, Hue, Saturation, Sharpness	Light Source/White Balance option include ProScope HR LED, Incandescent, Fluorescent, Daylight, and Auto
Still Capture	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
Video Capture	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
Driver	USB Video Class USB Human Interface Device Class	Mac/PC
Macintosh Minimum System Requirements	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.
Windows Minimum System Requirements	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.
Operating Temperature Range	5C - 40C	
Storage Temperature Range	-10C-60C (Without condensation)	
Other	RoHS Compliant, Lead Free	Made in U.S.A
Warranty	Two Year Warranty	
 <p>6077A SW Lakeview Blvd Lake Oswego, OR 97035 www.bodelin.com</p>		<p>Technology licensed under the following patents: U.S.Patent Nos. 5,442,489 U.S.Patent Nos. 5,416,511 U.S.Patent Nos. 6,063,024 U.S.Patent Nos. 4,988,158 U.S.Patent Nos. 4,930,851</p>