

## HD Video Microscope Camera

- Live HD video at 60 frames per second
- Superb Image and Color Quality
- Direct Connection to HDTV Flat Panel Monitor for Teaching and Tumor Boards
- USB 2.0 Computer Interface Allows Quick and Easy Saving of Images
- Choice of 1080p, 1080i or 720p HD formats
- Video Conferencing Interface Optional
- Auto and Manual Exposure
- Auto and Manual White Balance

The SPOT HDVision camera provides superb real time HD video imaging for teaching and consulting applications. Direct HD Video (DVI-D) output to HD monitors and projectors eliminates the need for support computers in simple discussion applications. Greater connectivity is achieved with the direct USB 2.0 output allowing the direct viewing and saving of images on your support computer. Even greater connectivity can be achieved with the optional video conferencing accessories, to support live video conferencing within your building or across the world.



# SPOT™ HDVision | M

HD Video Microscope Camera



### Target Applications:

### Benefits

Tumor Board Reviews	Camera produces remarkable clear and fluidly scanned images for case reviews
Video Conferencing with the Surgical Suite	Video conference seamlessly between the pathology lab and the surgical suite, reducing time in surgery and patient stress
Remote Consultations	Video conference enables consultation with remote locations
Classroom Teaching	Shared viewing of microscope images clarifies discussions



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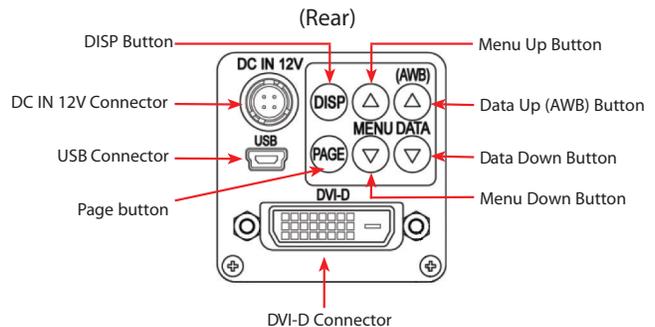
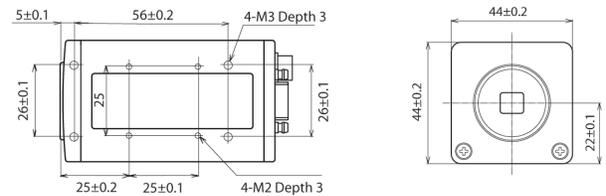
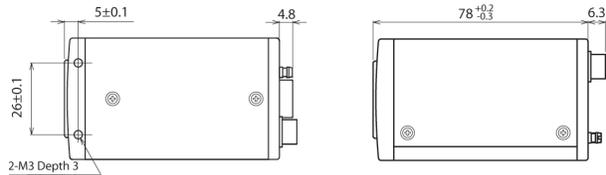
## Specifications

Lens Mount	C-Mount
Image sensor	1/3 inch color CMOS sensor (Rolling shutter)
Resolution	1920 x 1080, 2.1MP
Sensitivity	F 4 standard (2000 lux, 3000K)
Minimum Illumination	8 lux standard (50 IRE, F1.4, gain +18 dB, gamma setting ON (setting value 0), 3000 K)
White Balance	Automatic, Automatic Tracking, Manual
Gain	Manual, Off (0 dB)
Gamma	Manual (0 to 12 dB), Off
Shutter/Exposure	1/250s, 1/500s, 1/1000s, 1/2000s, 1/4000s, 1/8000s, 1/16000s, 1/32000s Auto Level w/Exposure Compensation of -100 to +100
Video Output	DVI-D connector (digital RGB output)
Video Formats Supported	1080/59.94p (60 fps) 1080/50p (50 fps) 1080/59.94i (30 fps) 1080/50i (25 fps) 720/59.94p (60 fps) 720/50p (50 fps)
USB Output	USB 2.0 mini-B connector HD webcam format output UVC 1.1 compliant YUV 4:2:2 Non-compressed 1920 x 1080p, 5 fps 1280 x 720p, 10 fps
Setups	5 saved
Power Supply	12V DC

## Specifications

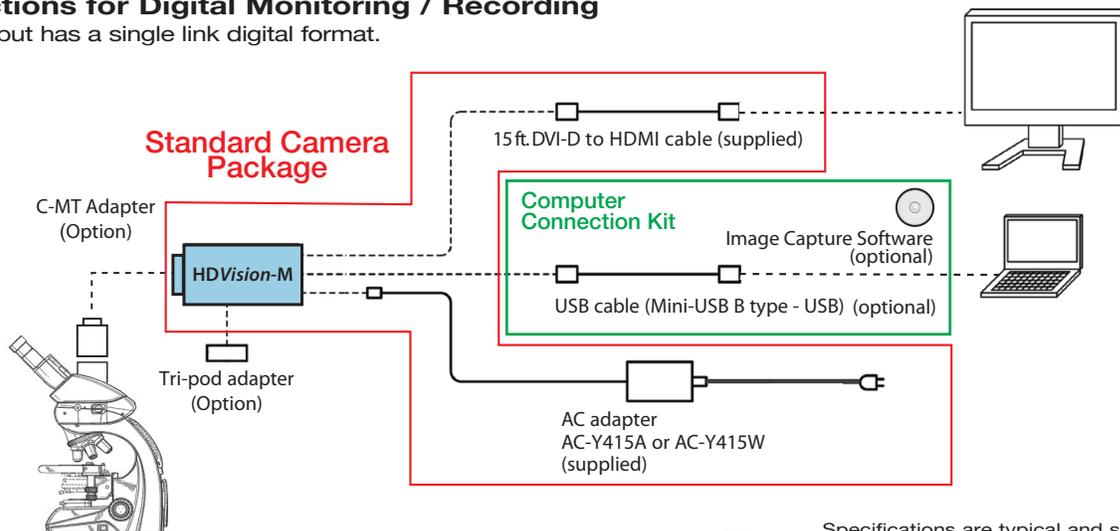
Power Consumption	4.1 watts
Camera Dimensions	44mm x 44mm x 78mm (1.73" x 1.73" x 3.07")
Weight	148g (0.326 lbs)
Operating temperature	0C to 40C
Operating Humidity	Less than 90% (non condensing)
Storage Temperature	-20C to 60C

## Dimensions / Features



## Connections for Digital Monitoring / Recording

DVI-D output has a single link digital format.



Specifications are typical and subject to change.



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