



# Excelis Microscope Camera for Simultaneous Output

The **Excelis HD** is the only HDMI microscope camera in its class to offer **simultaneous live image output** to an HD monitor *and* to a computer via USB 2.0. Images can be saved directly to a PC or Mac, or onto the included 8GB SD card. This USB camera can be fully controlled without a computer.

The free software allows for measurements, annotations, extended depth of focus, image stitching, and fluorescence.

The Excelis camera can be purchased *with or without* the 11" monitor.



Excelis HD Camera



Excelis Optional 11" Monitor



## SPECIFICATIONS

Sensor/Adapter	1/2.7" SONY IMX236 / 0.5x C-mount recommended
Resolution	6mp Camera, 1920X1080
Frame Rate	HDMI: 60fps / USB 2.0: 30fps
Image Capture	Hi Speed SD Card (8GB)
Video Capture	HDMI: 1080p, 30fps to SD Card / USB 2.0: 1080p, 30fps to PC or Mac
Exposure Time	0.001 sec – 10.0 sec (8GB)
White Balance	Auto
Settings	Gain, Gamma, Saturation, Contraction Frame Rate
Built-in Software	Cloud 1.0 (With live image measurement)
PC Imaging Software	CaptaVision Imaging Software (for PC only; Mac OS not supported)
	Advanced Camera Controls: live/still image measurement and annotation, flat field correction; extended depth of focus (focus stacking); image stitching; fluorescence image settings; fluorescence multi-color channel mixer merge; HDR (High Dynamic Range) function
	Image Types: JPEG, BMP, TIFF, and RAW
Output Modes	Mode 1: USB 2.0 / Mode 2: HDMI
System Compatibility	Windows XP, Vista 7 and 8 (32 or 64-bit). Mac OS X (for image transfer to Mac OS X only)
System Requirements	Intel Processor (Core 2 Duo or higher); 2GB memory or more; USB 2.0 Hi-Speed port
Power Supply	DC12V/1A

**Contact Leeds sales staff to discuss your camera needs:  
E-mail [sales@leedsmicro.com](mailto:sales@leedsmicro.com) or visit [www.leedsmicro.com](http://www.leedsmicro.com).**