

Ceti D18 18 MP Digital Microscope Camera with Capture Software

The Ceti D18 18 MP Digital Microscope Camera is a USB 3.0 C-Mount device that utilises an ultra-high performance Aptina CMOS sensor as the image capture device.

This digital microscope camera comes with advanced video and image processing software, allowing capture and output on Windows, Linux and Mac OSX platforms. Video can be captured at 1080P resolution at up to 30fps.

The included 12-bit software has processing controls for demosaic adjustments, automatic exposure, gain adjustment, one click white balance, chrominance adjustment, saturation adjustment, gamma correction, luminance adjustment and contrast adjustment.

The camera is designed for use with brightfield applications and is ideal if high resolution, large-scale prints (such as presentation posters) are required.

Specifications

Cat. No. 9558.0018

Basic Performance	
Sensor & Size	18M/AR1820(C); 6.14 x 4.61µm
Pixel Size (µm)	1.25 x 1.25
Dynamic Range (dB)	65.8
SN Ratio (dB)	36.3
Frames per Second (FPS)	13.1 FPS (Resolution) 4912 x 3684; 34.3 FPS (Resolution) 2456 x 1842; 54.4 FPS (Resolution) 1228 x 922
Binning	1 x 1, 2 x 2 and 4 x 4
Exposure	0.1ms~2s
White Balance	ROI White Balance/Manual Temp Tint Adjustment/NA for Monochromatic Sensor
Recording System	Still Image and Movie
Cooling System	None
Conditions	
Operating Temperature (°C)	-10 to +50
Storage Temperature (°C)	-20 to +60
Operating Humidity (%RH)	30 to 80
Storage Humidity (%RH)	10 to 60
Other Features	
Power Supply	USB port
Operating System	Microsoft® Windows® XP/Vista/7/8/10 (32 & 64 bit), Mac OS X, Linux
PC Requirements	CPU: Equal to Intel Core 2 2.8GHz or higher; Memory: 2GB or more; USB Port: USB 3.0 High-Speed; CD-ROM

