

Ceti D18 18 Mpx. Digital Microscope Camera with Capture Software

Product Code: 9558.0018

Brand: Ceti

The Ceti D18 18 Mpx. Digital Microscope Camera with Capture Software 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

Sensor & Size	18M/AR1820(C) 1/2.3" (6.14 x 4.61)
Pixels (µm)	1.25 x 1.25
G Responsivity	0.62 V/lux - sec.
Dynamic Range	65.8dB
SN Ratio	36.3dB
FPS/Resolution	13.1 @ 4912 x 3684 34.3 @ 2456 x 1842 54.4 @ 1228 x 922
Binning	1 x 1 2 x 2 4 x 4
Exposure	0.1ms~2s
Spectral Range	380 - 650nm (with IR-cut filter)
White Balance	ROI White Balance/Manual Temp Tint Adjustment/NA for Monochromatic Sensor
Colour Technique	Ultra-fine™ HISPVP/NA for Monochromatic Sensor
Capture/Control API	Native C/C++, C#/VB NET, DirectShow, Twain and LabView
Recording System	Still Picture and Movie
Cooling System	Natural
Operating Temperature (°C)	-10 to 50
Storage Temperature (°C)	-20 to 60
Operating Humidity	30 - 80%RH
Storage Humidity	10 - 60%RH
Power Supply	DC 5V over PC USB port
Operating System	Microsoft® Windows® XP/Vista/7/8/10 (32 & 64 bit) OSx (Mac OS X) Linux
PC Requirements	CPU: Equal to Intel Core2 2.8GHz or higher Memory: 2GB or more USB Port: USB 3.0 high-speed port Display: 17" or larger CD-ROM

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