

Ceti D6.3 MP Digital Microscope Camera with Capture Software

High Performance CMOS Cameras with Digital Clarity™ sensor technology ensures delivery of highest quality, crystal clear images at all times. Capture Software is a USB 3.0, 6.3 megapixel C-mount microscope camera that utilises an ultra-high performance SONY Exmor CMOS sensor as the image capture device. 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 high-quality images and video capture in brightfield microscopy applications. It will also cope well with medium to high signal fluorescence applications.

Specifications

Cat. No.	9558.0063
Basic Performance	
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 colour engine/NA for monochromatic sensor
Capture/Control SDK	Windows/Linux/macOS/Android Multiple Platform SDK(Native C/C++, C#/VB.NET, Python, Java, DirectShow, Twain, etc)
ADC	8 Bit / 12 Bit
Recording System	Still picture and movie
Cooling System*	Two-stage TE-cooling system -45 °C below camera body temperature operating environment
Frames per Second (FPS)	30 FPS (Resolution) 3072 x 2048; 38 FPS (Resolution) 1536 x 1024
Conditions	
Operating Temperature	-10 to 50 °C
Storage Temperature	-20 to 60 °C
Operating Humidity	30 to 80%RH
Storage Humidity	10 to 60%RH
Other Features	
Operating System	Microsoft® Windows® XP / Vista / 7 / 8 /10 /11 (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: USB3.0 high-speed port Display: 17" or Larger CD-ROM
Power Supply	DC 5V over PC USB port External power adapter for cooling system, DC12V, 3A

