

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

