

CETI 6.3 Mpx. 1/1.8" CMOS Digital Camera (USB 3.0)

Product Code: 9558.0063

Brand: CETI

CETI's 6.3 Mpx. 1/1.8" CMOS Digital Camera (USB 3.0) is a microscope camera with an ultra-high performance USB 3.0 device that utilises a SONY Exmor CMOS sensor as the image capture device. E3ISPM hardware resolutions range from 1.5M to 20M.

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.

This camera is designed to produce high-quality images and video capture in brightfield microscopy applications. It will also cope well with medium to high signal fluorescence applications.

A CNC aluminium alloy housing provides protection for the sensor, which includes an IR-CUT filter.



Specifications:

Power Supply	DC 5V via USB port	
Image Capture	JPEG	
Video Recording	ASF 1080P up to 30fps	
Sensor & Size	CMOS 6.3M/IMX178(C), 1/1.8" (7.37 x 4.92)	
Pixel (µm)	2.4 x 2.4	
FPS/Resolution	30 @ 3072 x 2048; 38 @ 1536 x 1024	
Binning	1 x 1, 2 x 2	
Exposure (ms)	0.1 - 2000	
White Balance	ROI White Balance/Manual Temp-Tint Adjustment	
USB Connection Environment	Microsoft® Windows® XP /Vista /7/8/8.1/10 (32 & 64 bit)	
	OSx (Max OS X)	
	Linux	
Tripod Attachment	Included	
Dimensions (l x h x w)	15 x 15 x 10cm	
Shipping Weight (g)	0.7	
Cooling System	Natural	
Spectral Range	380 - 650nm (with IR-filter)	
Operating Environment	Operating Temperature (°C)	-10 to +50
	Storage Temperature (°C)	-20 to +60
	Operating Humidity (%RH)	30 to 80
	Storage Humidity (%RH)	10 to 60

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