

Ceti WFHD5C Microscope Camera with SD Card

Product Code: 9558.0005

Brand: Ceti

Ceti's WFHD5C Microscope Camera with SD Card is an all-in-one (HDMI + Wi-Fi + SD card) C-mount camera with a highly sensitive CMOS sensor, simultaneous HDMI & Wi-Fi output, built-in mouse control, and built-in image capture and video recording to an SD card. When using the optional 11.6" monitor, there is a built-in toolbar including zoom, mirror, comparison, and freeze functions. For use with a device other than the monitor, PC, Linux, and MAC IOS software is included.

This multiple interface microscope camera utilises an ultra-high performance Sony CMOS sensor as the image capture device. HDMI and Wi-Fi are used as the data transfer interface to an HDMI display or computer/laptop, with USB connection also available to a PC.

If a HDMI connection is used, the included USB mouse can be used to control the camera, browse and compare the captured image, play video, and play-back images.

For Wi-Fi output, unplug the mouse and plug in the USB Wi-Fi adapter and connect your device's Wi-Fi to the camera. Then, the image stream can be transferred to the device via the advanced software (included). With this software, you can control the camera and process the image as required.

The camera body, made from tough, aluminium alloy, ensures a heavy-duty, workhorse solution. The camera is equipped with a high-quality IR-CUT filter to protect the camera sensor.



Specifications

Power Supply	12V/2A DC	
Image Capture	JPEG	
Video Recording	ASF 1080P up to 30fps	
Control Panel (via monitor)	Exposure, Gain, White Balance, Colour Adjustment, Sharpness, and Denoise Control	
Toolbar (via monitor)	Zoom, Mirror, Comparison, Freeze, Cross, Browser Function	
Sensor and Size	Sony IMX178©, 5 Mpx., 1/1.8" (6.22 x 4.67mm)	
Pixel (µm)	2.4 x 2.4	
G Sensitivity/Dark Signal	425 mv with 1/30s, 0.15mv with 1/30s	
FPS/Resolution	60 @ 1920 x 1080 (HDMI and USB), 25 @ 1920 x 1080 (Wi-Fi)	
Binning	1 x 1	
Exposure (ms)	0.03 to 918	
Wi-Fi	802.11n 150Mbps; RF Power 20dBm (maximum)	
Max. Connected Devices (Wi-Fi)	3 to 6 (according to the environment and connection distance)	
White Balance	Auto	
USB Connection Environment	Microsoft® Windows® XP/Vista/7/8/8.1/10 (32 and 64 bit)	
	OSx (Mac OS X)	
	Linux	
Tripod Attachment	Included	
Dimensions (W x D x H)	78 x 70 x 92mm	
Shipping Weight (kg)	0.47	
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
	Power Supply	DC 12V/2A Adaptor

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