

Ceti WFHD5C 5 MP Microscope Camera with HDMI, Wi-Fi and SD Card (Fluorescence Compatible)

An all-in-one (HDMI + WiFi + SD Card) C-mount camera with a highly sensitive CMOS sensor, simultaneous HDMI & Wi-Fi output, mouse control and built-in image capture and video recording to an SD card. When using the optional 13.3 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 WiFi are used as the data transfer interface to an HDMI display or computer / laptop, with USB connection also available to a PC. If an 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 WiFi output, unplug the mouse and plug in the USB WiFi adapter and connect your device's WiFi to the camera. The image stream can then 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. This camera is suitable for fluorescence work and a touch screen model can be manufactured upon request.

Specifications

Cat. No.	9558.0005
Basic Performance	
Sensor	1/2.5"
Effective Pixel	5
Screen	9.7", resolution 2048 x 1536@15Fps retina screen
Pixel Size	2.2 µm x 2.2 µm
Frames per Second (FPS)	15 FPS (Resolution) 1024 x 768
Function	
Basic	Brightness, contrast, saturation, white balance
Image Adjustment	Exposure, sharpness, gamma, colour temperature
Camera	Mirror, flip
Interface	Support mouse and touch control
Image/Video Support	16M image capture, support 1080P video
Storage	Image capture, Video, Preview, SD card formatting
Labelling	Point coordinates, cross lines, coordinate systems, text annotations
Length Measurement	Line length, Broken line length, Curve length, Parallel lines distance, Point line distance
Geometric Measurement	Line length, radius defining circle, two point defining circle, three point defining circle, concentric circles
Geometric Area	Polygon, square
Measurement System	Built in S-EYE Package
Other Features	
Operation System	Android 5.1.1 version
Output	USB2.0, HDMI, WIFI, SD card
Wi-Fi	2.4GHz/5GHz dual bands WIFI support 802.11a/b/g/n/ac protocol
Bluetooth	Bluetooth 4.0
Dimensions	238x51x206 mm
Weight	0.6 kg
Power	DC-12V/2A

