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Camera pour microscope wifi, 1 MP

The WCAM body, made from tough, zinc alloy, ensures a heavy duty, workhorse solution. The camera is designed with a high quality IR-CUT to protect the camera sensor. No moving parts. These measures ensure a rugged, robust solution with an increased lifespan when compared to other camera solutions.

This 720p Wi-Fi microscope digital camera, with its unique design, comes with a reduction lens, a USB cable and two adapters.

The digital camera captures still microscopy images, streams live videos on your computers, and is compatible with Windows, Mac OS X, and Linux.

The user-friendly software for Windows offers advanced features including Stitching, EDF (Extended Depth of Focus), video recording, and measurement functions. Live video and still image capture can be set in different resolutions simultaneously.

The 0.5X reduction lens gives larger field of view. You can edit and process images in a manner similar to PhotoShop. The camera can be connected to a desktop computer or compatible mobile device through WiFi. The USB port is used for power only, drawing from an USB-bus connection, or by using the included USB power adapter. Featuring built-in C-mount compatibility and 23 mm reduction lens adapter, our camera can be attached to any instrument with a C-mount or a 23 mm, a 30 mm and a 30.5 mm photo port.

The camera is equipped with a CMOS color sensor, and comes with a high-speed USB 2.0 cord, four mounting sizes (23 mm, 30 mm, 30.5 mm, and C-mount), and instructions.

Caractéristiques techniques:
Sensor: Aptina MT9P001(C) CMOS (colour)
Sensor Size: 1/2.5" class (5.63 x 3.17 mm)
Reduction Lens: 0.5x
Pixel Size: 2.2 x 2.2 µm
G Sensitivity: 1.0 V/lux-sec (550 nm)
Max Frame Rate: 30 fps @ 1280x720
Exposure: Auto
Scan Mode: Progressive
Dynamic Range: 61 dB
A/D Converter: 12-bit Parallel, 8-bit R.G.B to computer
SN Ratio: 43 dB
Spectral Range: 380-650 nm (with IR-filter)
Binning: 1x1
White balance: ROI White Balance/ Manual Temp-Tint Adjustment
Color Rendering Technique: Ultra Fine Color Engine
Capture/Control API: Native C/C?, C# for Windows Operating System
Recording System: Still Picture and Movie
Cooling System: Natural
Operating Temperature: -10 °C ~ 50 °C
Storage Temperature: -20 °C ~ 60 °C
Operating Humidity: 30 ~ 80% RH
Storage Humidity: 10 ~ 60% RH
Power Supply: DC 5 V over USB Port
Operating System: Windows XP/Vista/7/8/10 (32 & 64 bit), Mac OS X, Linux
Computer Requirements: CPU equals to Intel Core2 2.8GHz or higher, Memory: 2GB or more, USB2.0 port

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Advanced software for Windows

Catégories / Arborescence

Sciences > Biologie > Produits > Microscopy > Digital microscopes, cameras