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Ref : MIK76604K8MPA

Camera pour microscope 4 k wifi

The 76604K8MPA series camera is the next-generation live-view imaging-system with 4K resolution(Video) at 60 FPS. It comes with Sony Exmor CMOS sensor with high sensitivity, low dark current and no smear achieved through the adoption of R, G and B primary colour mosaic filters.

The camera uses a standard C-mount interface for maximum compatibility with various microscopy-systems. It can be used as a stand-alone recorder when used with an HDMI monitor or television, or live-streamed to a PC via Gigabit Ethernet (GE) for image-capture and video-recording.
Hardware 3D denoising, sharpness and tone mapping control function greatly improve the image and video quality.

The included Windows software offers image-development and measurement tools, as well as advanced compositing features such as image-stitching and extended-depth-of-focus. With the ability to calibrate scales at multiple magnifications, the software can be used for multi-level inspection. For Mac and Linux, there is a lite version of the software which can capture video and still images, and includes limited processing features.

The HDMI 4K series camera is intended to be used for the acquisition of digital images from the stereo microscope, biological microscope or online interactive teaching.

Caractéristiques techniques:
Image Capture: 8M (3840*2160) JPEG Image in SD Card or USB Flash Disk
Video Format: ?8M(3840*2160) H264 Encoded MP4 Format
Video Record: Video Recording Frame Rate ?50~60 FPS(XCAM4K8MPA), 26~30 FPS(XCAM4K16MPA)(related with the SD card speed class and video resolution)
White Balance: Auto/Manual/ROI White Balance
Colour Technique: Ultra-Fine Color Engine (USB)
Standard network API for Windows/Linux/Mac(USB)
Width x Depth x Height: 98.3 mm (3.87) x 65 mm (2.56) x 78mm (3.07)
Operating System: Microsoft® Windows® XP /Vista /7/8/8.1/10(32 & 64 bit); OSx(Mac OS X); Linux
PC Requirements: CPU: Equal to Intel Core2 2.8 GHz or Higher;
Memory: 4 GB or More; Ethernet Port: RJ45 Ethernet Port; Display: 19 or Larger; CD-ROM
Operating Temperature -10~ 50 °C
Storage Temperature -20~ 60 °C
Operating Humidity 30~80% RH
Storage Humidity 10~60% RH
Power Supply DC 12 V/2 A Adaptor

Catégories / Arborescence

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