



MOTICAM 1080X

Full HD Standalone camera

The Moticam 1080X, designed for ease of use and the ability to output fast live images in Full HD (1920x1080px), displays your live images on a screen by connecting the camera through the HDMI port. Make live measurements, notes, image adjustments and more, thanks to its on-board software that can be controlled through the screen by connecting a USB mouse to the camera. By having an integrated SD card slot, saving images won't require a computer, making it easy to save and organize your images and videos. Its Wi-Fi connectivity allows you to connect with a computer or mobile device, even simultaneously, and share your live images with ease.



Technical Specifications

Name	MOTICAM 1080X
Sensor type	CMOS IMX185
Sensor size	1/1.9"
Imaging area	7.20x4.05mm
Capture resolution	2MP (1920x1080 pixels)
Image capture resolution (on SD-card)	2MP (1920x1080 pixels)
Video capture resolution (on SD-card)	Full HD (1920x1080 pixels)
Live display mode through USB	-
Live display mode through Wi-Fi	Full HD (1920x1080 pixels)
Live display mode through HDMI	Full HD (1920x1080 pixels)
Pixel size	3.75x3.75µm
Scan mode	Progressive
Shutter Mode	Rolling shutter
Data transfer	HDMI (1080p), SD card, Wi-Fi dongle
Max. frames per second (fps)	HDMI: Full HD (1920x1080) @ 30 fps (*), Wi-Fi dongle: 1920x1080 (Full HD) @ 25 fps (*)
Exposure time	0.06ms ~ 918ms
Operating temperature	From -10 to +50 Degrees Celsius non condensing
Sensitivity	1120mV with 1/30s, 0.15mV with 1/30s
Slot	SD Card
Buttons	On/Off
Supported OS	Windows 7/8/10, MAC OSX, or higher
Minimum computer requirements	2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB
Lens mount	C-Mount
Focusable lens	12mm
Software	Motic Images Plus 3.1 for Windows and OSX, MotiConnect App for iOS and Android (Download only) and on-board software
Functions	Including exposure, gain, white balance, color adjustment, sharpness and denoising control, zoom, mirror, comparison, freeze, measure, cross, browse function
Power supply	12V (External Power supply)
Package includes	CS ring adaptor, focusable lens, 30mm and 38mm eyepiece adapters, Motic 4-dot calibration slide, macro calibration card, macro tube, universal power supply, HDMI cable, Wi-Fi dongle and USB Pendrive with Motic Images Plus 3.1

(*) Frames per second under optimal lighting conditions and in compliance with computer technical requirements.



Accessories



Turn your images into knowledge: with the Moticam 1080X following our All-In-One-Box method, the included accessories, together with its software, will let you convert almost any conventional microscope into a digital one.



Software

With its own built-in software, the Moticam 1080X makes it possible to view live images, make measurements, image adjustments, or edit them. You can also capture images or record videos directly from a screen with your mouse, storing them in an SD card. If you wish to work with our well-known software Motic Images Plus 3.1, which comes included in the package, connect the camera through Wi-Fi to your computer. The Wi-Fi signal can also be used to send your live image to a tablet or mobile device and work with the MotiConnect App.