



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