



Moticam X6

Streaming Wi-Fi Camera

Turn your microscope into a Wi-Fi station and share your images with up to 6 devices at the same time. Simply logon with your tablet or smartphone and get ready to capture, edit and store your microscope images with the free MotiConnect App.



Technical Specifications

Name	Moticam X6
Sensor type	CMOS
Sensor size	1/2.8"
Imaging area	6.37 mm (Diagonal)
Capture resolution	8MP (3840 x 2160 pixels)
Live display mode through USB	1920 x 1080, 3840 x 2160 (4K) (With adapter)
Live display mode through Wi-Fi	1920 x 1080, 3840 x 2160 (4K)
Live display mode through ethernet	1920 x 1080, 3840 x 2160 (4K)
Pixel size	1.45 x 1.45 µm
Scan mode	Progressive
Shutter Mode	Rolling shutter
Data transfer	Wi-Fi (2.4 & 5 GHz), Ethernet
Max. frames per second (fps)	3840 x 2160 @ 15 fps, 1920 x 1080 @ 25 fps (depending on Wi-Fi strength) (*)
Exposure time	0.03s ~ 1s
Operating temperature	From -10 to +50 Degrees Celsius non condensing
Max. signal to noise ratio	39dB
Dynamic range	65dB
Sensitivity	1.9V/Lux-sec (550nm)
Support device	Universal Web browser (HTML5)
Supported OS	Windows 10 or higher, MAC OSX, Android 4.0 or higher, iOS7 or higher
Minimum computer requirements	2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB
Lens mount	C-Mount
Focusable lens	12mm
Software	MotiConnect App for iOS, Android, Windows 10 and MAC OSX 10.9 or higher (download only)
Functions	Still image and video capture, live and still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system.
Power supply	12V (External Power supply)
Package includes	RJ45 to USB-C Adapter, CS ring adaptor, focusable lens, 30 mm and 38 mm eyepiece adapters, Motic 4-dot calibration slide, macro calibration card, macro-tube, universal power supply 100V-240 V (CE)

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



Accessories



The Moticam X6 follows our All-In-One-Box methodology. This means that with the included focusable lenses, eyepiece adapters and glass calibration slide, you can convert almost any conventional microscope into a digital microscope.



Software

EASY | INTUITIVE | FRIENDLY

View, capture, edit and share your microscope images in seconds. Stream live images wirelessly to multiple devices simultaneously with MotiConnect and collaborate in real time from smartphones, tablets or computers. The Moticam X6 includes both the MotiConnect App and the desktop version for Windows and macOS.

