Specification
Sheet

Motic®
MORE THAN MICROSCOPY

MOTICAM Series

MOTICAM X5 PLUS

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MOTICAM Series - WI-FI Cameras

MOTICAM X5 PLUS

Sensor type	CMOS
Sensor size	1/3"
Imaging area	5.44x3.07mm
Capture resolution	4MP (2560x1440 pixels)
Live display mode through Wi-Fi	1280x720, 1920x1080 pixels (Full HD)
Live display mode through ethernet	1280x720, 1920x1080 pixels (Full HD)
Pixel size	2.0x2.0µm
Scan mode	Progressive
Shutter Mode	Rolling shutter
Data transfer	Wi-Fi (2.4 & 5 GHz), Ethernet
Max. frames per second (fps)	1920x1080 @ 30 fps, 1280x720 @ 30 fps (depending on Wi-Fi strength) (*)
Exposure time	0,03 msec to 0,03 sec
Operating temperature	From -10 to +50 Degrees Celsius non condensing
Max. signal to noise ratio	38.3dB
Dynamic range	64.6dB
Sensitivity	1.9V/Lux-sec (550nm)
Support device	Universal Web browser (HTML5)
Supported OS	Windows 7/8/10, 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	Motic Images Plus 3.1 for Windows 10, MAC OSX10.9 or higher and MotiConnect App for iOS and Android
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	CS ring adaptor, focusable lens, 30mm and 38mm eyepiece adapters, Motic 4-dot calibration slide, macro calibration card, macro-tube, Motic Images Plus 3.1 for Windows/ OSX/Linux, universal power supply 100V-240V (CE)

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