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# Moticam X

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<b>Sensor Type</b>	CMOS
<b>Sensor Size</b>	1/3.2"
<b>Resolution</b>	1.3 MP
<b>Imaging Area</b>	4.48mm x 3.36mm
<b>Live Display Mode (through USB)</b>	1280 x 960 (Wi-Fi only)
<b>Pixel Size</b>	2.8µm x 2.8µm
<b>Scan Mode</b>	Progressive
<b>Data Transfer</b>	Wi-Fi
<b>Exposure Time</b>	0,05 msec to 0,07 sec
<b>Operating Temperature</b>	From -30 to +70 Degrees Celsius non condensing
<b>Max. Signal to Noise Ratio</b>	42dB
<b>Dynamic Range</b>	68dB
<b>Sensitivity</b>	1,0V/Lux-sec (550nm)
<b>Support Device</b>	Universal Webbrowser (HTML5)
<b>Supported OS</b>	Microsoft Windows XP/Vista/7/8 and MAC OSX; Android 4,0 and higher; iOS5 and higher
<b>Minimum Computer Requirements</b>	2GHz dualcore – RAM memory 2GB – Video memory min. 512 MB
<b>Lens Mount</b>	C-Mount
<b>Focusable Lens</b>	12mm
<b>Package Includes</b>	CS Ring Adaptor, Focusable Lens, 30mm and 38mm Eyepiece Adapters, USB 2.0 Cable, Calibration Slide, Macro Tube, Universal 5V Power Plugs, Motic Images Plus 2.0 for PC and OSX

*\*frames per second under optimal illumination conditions*



# Moticam X<sup>3</sup>

<b>Sensor type</b>	CMOS
<b>Sensor size</b>	1/3"
<b>Imaging area</b>	5.44mm x 3.07mm
<b>Capture resolution</b>	4MP
<b>Live display mode</b>	1920 x 1080 or 1280 x 720 (Wi-Fi and Ethernet)
<b>Pixel size</b>	2.0µm x 2.0µm
<b>Scan mode</b>	Progressive
<b>Data transfer</b>	Wi-Fi (2.4 or 5 GHz) and Ethernet (RJ45)
<b>Max. Frames per second (fps*)</b>	1920 x 1080 and 1280 x 960 @ Up to 30 fps depending on Wi-Fi strength
<b>Exposure time</b>	30 µsec to 30 msec
<b>Operating temperature</b>	0°C ~ 60°C
<b>Max. signal to noise ratio</b>	38.1 dB
<b>Dynamic range</b>	70.1 dB
<b>Sensitivity</b>	1.9V/Lux-sec
<b>Buttons</b>	On / Off
<b>Support device</b>	Universal Web browser (HTML5)
<b>Supported OS</b>	Microsoft Windows XP/Vista/7/8/MAC OSX/Android 4,0 or higher/ iOS7 or higher
<b>Minimum computer requirements</b>	2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB
<b>Lens mount</b>	C-Mount
<b>Focusable lens</b>	12mm
<b>Software</b>	MotiConnect App (free download) Standard Tools: Still image and video capture, live and still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system.
<b>Power supply</b>	5V/2A (External Power Supplier)
<b>Package includes</b>	CS Ring Adaptor, Focusable Lens, 30mm and 38mm Eyepiece Adapters, USB 2.0 Cable, Calibration Slide, Macro Tube, Motic Images Plus 3.0 for PC/OSX/Linux

*\*frames per second under optimal illumination conditions*