



Specification
Sheet

MOTICAM Series

MOTICAM 4000X





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Sensor type	CMOS
Sensor size	1/2.8"
Imaging area	6.46 mm (Diagonal)
Capture resolution	8MP (3840 x 2160 pixels)
Image capture resolution (on SD-card)	8MP (3840 x 2160 pixels)
Video capture resolution (on SD-card)	1080P(1920 x 1080 pixels)
Live display mode through USB	4K (3840 x 2160 pixels)
Live display mode through Wi-Fi	4K (3840 x 2160 pixels)
Live display mode through Ethernet	4K (3840 x 2160 pixels)
Live display mode through HDMI	4K (3840 x 2160 pixels)
Pixel size	1.45 x 1.45 µm
Scan mode	Progressive
Shutter mode	Rolling shutter
Data transfer	HDMI, USB, Wi-Fi, Ethernet, microSD card
Max. frames per second (fps)	HDMI: 4K (3840 x 2160) @ 30 fps USB3.0: 1920 x 1080 @ 30 fps, 3840 x 2160 @ 25 fps Wi-Fi: 1920 x 1080 @ 25 fps, 3840 x 2160 @ 12 fps
Exposure time	0.03 ms ~ 1000 ms
Operating temperature	From -10 to +50 degrees Celsius non condensing
Sensitivity	300 mV with 1/30 s
Slot	microSD card
Buttons	On/Off
Support device	Universal Web browser (HTML5)
Supported OS	Windows 7/8/10, MAC OSX, Linux or higher
Minimum computer requirements	Core2, 2.8 GHz, RAM memory 8 GB
Lens mount	C-Mount
Focusable lens	12mm
Software	On-board Software and Motic Images Plus 3.1 for Windows 10 and MAC OSX or higher
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, 30 mm and 38 mm eyepiece adapters, Motic 4-dot calibration slide, macro calibration card, macro tube, universal power supply, HDMI cable, USB 3.0 cable, Motic Images Plus 3.1
Other features	USB port for connecting a mouse to enable software control
Notes	Transport and storage case

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