Specification
Sheet

Motic®
MORE THAN MICROSCOPY

MOTICAM S Series

MOTICAM Pro S5 Lite

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Sensor type	sCMOS
Sensor size	2/3"
Imaging area	11.1mm (Diagonal)
Capture resolution	5MP
Live display mode through USB	2448x2048, 1224x1024 pixels
Pixel size	3.45x3.45µm
Scan mode	Progressive
Shutter mode	Global Shutter
Data transfer	USB 3.1
Max. frames per second (fps*)	2448x2048 @ 37.5fps 1224x1024 @ 88.4fps
Exposure time	14 µsec to 2 sec
Operating temperature	From -10 to +60 Degrees Celsius non condensing
Sensitivity	1146mV(G) @ 1/30 sec
Support device	TWAIN, SDK and DirectShow Driver
Supported OS	Microsoft Windows 7/8/10, MAC OSX10.9, Linux or higher
Minimum computer requirements	2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB
Lens mount	C-Mount
Software	Motic Images Plus 3.0 for Windows 10, MAC OSX10.9, Linux UBUNTU1604 or higher
Functions	Still image and video capture, live and still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system.
Power supply	5V (from USB Port)
Package includes	CS ring adaptor, USB 3.1 cable, Motic 4-dot calibration slide, Motic Images Plus 3.0 for PC/OSX/Linux

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