

MOTICAM S Series

# MOTICAM S1





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<b>Sensor type</b>	sCMOS
<b>Sensor size</b>	1/3"
<b>Imaging area</b>	6.09mm (Diagonal)
<b>Capture resolution</b>	1.2MP
<b>Live display mode through USB</b>	1280x960, 640x480 pixels
<b>Pixel size</b>	3.75x3.75µm
<b>Scan mode</b>	Progressive
<b>Shutter mode</b>	Rolling Shutter
<b>Data transfer</b>	USB 3.1
<b>Max. frames per second (fps*)</b>	1280x960 @ 120fps 640x480 @240fps
<b>Exposure time</b>	15 µsec to 2 sec
<b>Operating temperature</b>	From -10 to +60 Degrees Celsius non condensing
<b>Sensitivity</b>	2350mV(G) @ 1/30 sec
<b>Support device</b>	TWAIN, SDK and DirectShow Driver
<b>Supported OS</b>	Microsoft Windows 7/8/10, MAC OSX10.9, Linux or higher
<b>Minimum computer requirements</b>	2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB
<b>Lens mount</b>	C-Mount
<b>Software</b>	Motic Images Plus 3.0 for Windows, OSX and Linux
<b>Functions</b>	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 (from USB Port)
<b>Package includes</b>	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.