Specification
Sheet

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MOTICAM S Series

MOTICAM S3







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MOTICAM S3

Sensor type	sCMOS
Sensor size	1/2.8"
Imaging area	6.44mm (Diagonal)
Capture resolution	3MP
Live display mode through USB	2048x1536, 1920x1080 pixels
Pixel size	2.5x2.5µm
Scan mode	Progressive
Shutter mode	Rolling Shutter
Data transfer	USB 3.1
Max. frames per second (fps*)	2048x1536 @ 60fps 1920x1080 @ 60fps
Exposure time	21 µsec to 2 sec
Operating temperature	From -10 to +60 Degrees Celsius non condensing
Sensitivity	600mV(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, OSX and Linux
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.*