

MOTICAM S Series

# MOTICAM S20





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<b>Sensor type</b>	sCMOS
<b>Sensor size</b>	1"
<b>Imaging area</b>	15.86mm (Diagonal)
<b>Capture resolution</b>	20MP
<b>Live display mode through USB</b>	5472x3648, 2736x1824 pixels
<b>Pixel size</b>	2.4x2.4µm
<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>	5472x3648 @ 18fps, 2736x1824 @ 50fps
<b>Exposure time</b>	15 µsec to 2 sec
<b>Operating temperature</b>	From -10 to +60 Degrees Celsius non condensing
<b>Sensitivity</b>	461mV(G) @ 1/30 sec
<b>Support device</b>	TWAIN, SDK and DirectShow Driver
<b>Supported OS</b>	Windows 7/8/10, MAC OSX, 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 10, MAC OSX10.9, Linux UBUNTU1604 or higher
<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.