

MOTICAM A Series

# MOTICAM A1





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<b>Sensor type</b>	sCMOS
<b>Sensor size</b>	1/3.1"
<b>Imaging area</b>	5.95mm (Diagonal)
<b>Capture resolution</b>	1MP
<b>Live display mode through USB</b>	1280x720, 1024x768 pixels
<b>Pixel size</b>	4.1x4.1µm
<b>Scan mode</b>	Progressive
<b>Shutter Mode</b>	Rolling Shutter
<b>Data transfer</b>	USB 2.0
<b>Max. frames per second (fps)</b>	1280x720 @ 30 fps, 1024x768 @ 30 fps (*)
<b>Operating temperature</b>	From -10 to +60 Degrees Celsius non condensing
<b>Sensitivity</b>	>2000mV
<b>Support device</b>	TWAIN, SDK and Direct Show Driver
<b>Supported OS</b>	Microsoft Windows 7/8/10, MAC OSX10.9, Linux UBUNTU1604 or higher
<b>Minimum computer requirements</b>	2GHz dualcore - RAM memory 2GB
<b>Lens mount</b>	C-Mount
<b>Focusable lens</b>	12mm
<b>Software</b>	MotiConnect for Windows/OSX/Linux (Download only)
<b>Functions</b>	Still image and video capture, still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system.
<b>Power supply</b>	5V (USB supply)
<b>Package includes</b>	CS ring adaptor, focusable lens, 30mm and 38mm eyepiece adapters, USB 2.0 cable, Motic 4-dot calibration slide, macro tube, Calibration card

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