Specification
Sheet

Motic®
MORE THAN MICROSCOPY

MOTICAM A Series

MOTICAM A1







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