

MOTICAM Series

# MOTICAM 1





MOTICAM Series - USB Cameras

**MOTICAM 1**

<b>Sensor type</b>	CMOS
<b>Sensor size</b>	1/2.9"
<b>Imaging area</b>	5.51x3.10mm
<b>Capture resolution</b>	1MP
<b>Live display mode through USB</b>	1280x720 pixels
<b>Pixel size</b>	4.2x4.2µm
<b>Scan mode</b>	Progressive
<b>Data transfer</b>	USB 2.0
<b>Max. frames per second (fps)</b>	1280x720 @ 30 fps
<b>Operating temperature</b>	From -30 to +80 Degrees Celsius non condensing
<b>Max. signal to noise ratio</b>	41,9dB
<b>Dynamic range</b>	64,8dB
<b>Sensitivity</b>	4,6V/Lux-sec (550nm)
<b>Support device</b>	TWAIN and Direct Show Driver
<b>Supported OS</b>	Windows 7/8/10 and MAC OSX, Linux
<b>Minimum computer requirements</b>	2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB
<b>Lens mount</b>	C-Mount
<b>Focusable lens</b>	12mm
<b>Software</b>	Motic Images Plus 3.0
<b>Functions</b>	Still image and video capture, live and still image measurement, image adjustments (RGB/ Gain/Enhance/Brightness), automatic & manual white balance, automatic & manual exposure, individual objective calibration system, Motic report.
<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, Motic Images Plus 3.0 for PC/OSX/Linux

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