

MOTICAM Series

# MOTICAM 5+





MOTICAM Series - USB Cameras

## MOTICAM 5+

<b>Sensor type</b>	CMOS
<b>Sensor size</b>	1/2.5"
<b>Imaging area</b>	5.70mm x 4.28mm
<b>Capture resolution</b>	5.0 MP
<b>Live display mode (through USB)</b>	2592 x 1944   1296 x 972   648 x 486
<b>Pixel size</b>	2.2µm x 2.2µm
<b>Scan mode</b>	Progressive
<b>Data transfer</b>	USB 3.0
<b>Max. Frames per second (fps*)</b>	2592 x 1944 @ 14 fps   1296 x 972 @ 30 fps   648 x 486 @ 50 fps
<b>Exposure time</b>	0,15 msec to 5 sec
<b>Operating temperature</b>	From -10 to +60 Degrees Celsius non condensing
<b>Max. signal to noise ratio</b>	38.1dB
<b>Dynamic range</b>	70.1dB
<b>Sensitivity</b>	1,4V/Lux-sec (550nm)
<b>Support device</b>	TWAIN, SDK and Direct Show Driver
<b>Supported OS</b>	Microsoft Windows XP SP3/Vista/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 Standard Tools: 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 3.0 Cable, Calibration Slide, Macro Tube, Motic Images Plus 3.0 for PC/OSX/Linux