

MOTICAM Series

# MOTICAM 10+





MOTICAM Series - USB Cameras

**MOTICAM 10+**

<b>Sensor type</b>	CMOS
<b>Sensor size</b>	1/2.3"
<b>Imaging area</b>	6.44x4.62mm
<b>Capture resolution</b>	10MP
<b>Live display mode through USB</b>	3664x2748, 1832x1372, 916x684 pixels
<b>Pixel size</b>	1.67x1.67µm
<b>Scan mode</b>	Progressive
<b>Data transfer</b>	USB 3.0
<b>Max. frames per second (fps)</b>	3664x2748 @ 7 fps, 1832x1372 @ 14 fps, 916x684 @ 48 fps
<b>Exposure time</b>	0,16 msec to 10 sec
<b>Operating temperature</b>	From -10 to +60 Degrees Celsius non condensing
<b>Max. signal to noise ratio</b>	34dB
<b>Dynamic range</b>	66.5dB
<b>Sensitivity</b>	0,31V/Lux-sec (550nm)
<b>Support device</b>	TWAIN, SDK and Direct Show Driver
<b>Supported OS</b>	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
<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 3.0 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.