

MOTICAM Series

MOTICAM 1080





MOTICAM Series - Tablet Solutions

MOTICAM 1080

Sensor type	CMOS
Sensor size	1/2.8"
Imaging area	5,346mm x 3,003mm
Capture resolution	Still Image: 8.0MP (3840 x 2160) Video: Full HD (1920 x 1080p)
Live display mode (through USB)	1920 x 1080 (Full HD)
Live display mode (through HDMI)	1920 x 1080 (Full HD)
Pixel size	2.8µm x 2.8µm
Scan mode	Progressive
Data transfer	HDMI (1080p) and USB 2.0
Max. Frames per second (fps*)	USB: 1920 x 1080 (Full HD) @ 30 fps HDMI: 1920 x 1080 (Full HD) @ 60 fps
Exposure time	0.06ms ~ 40ms with Auto Exposure mode (0.06ms ~ 999ms with Manual Exposure mode)
Operating temperature	From -10 to +60 Degrees Celsius non condensing
Max. signal to noise ratio	40dB
Dynamic range	71dB
Sensitivity	0.51V (Typical at 1/30 sec)
Slot	SD Card (max 32Gb)
Buttons	On / Off
Support device	Twain and Direct Show Driver
Supported OS	Microsoft Windows XP SP3/Vista/7/8/10 and MAC OSX & Linux
Minimum computer requirements	2GHz dualcore RAM memory 2GB Video memory min. 512 MB
Lens mount	C-Mount
Focusable lens	12mm
Software	On-board software Standard tools: still image capture, live image record, zoom in & out, magnifier, ROI, mirror, rotation, split, freeze, cross line, gallery. Image adjustments (AE/AWB): Auto/Manual exposure, gain, target brightness setting, light frequency, Auto/Manual white balance Mode. Advanced settings: saturation, contrast, gamma, sharpness, denoise, user settings, system's time setting, language (English, Chinese and Japanese), format SD card.
Power supply	12V (External Power supply)
Package includes	CS Ring Adaptor, HDMI cable, Focusable Lens, USB 2.0 Cable, Calibration Slide, Universal Power Supply, Motic Images Plus 3.0 for PC/OSX/Linux