

MOTICAM Series

# MOTICAM 1080 INT





MOTICAM Series - Tablet Solutions

**MOTICAM 1080 INT**

<b>Sensor type</b>	CMOS
<b>Sensor size</b>	1/2.8"
<b>Imaging area</b>	5,346mm x 3,003mm
<b>Capture resolution</b>	Still Image: 8.0MP (3840 x 2160)   Video: Full HD (1920 x 1080p)
<b>Live display mode (through USB)</b>	1920 x 1080 (Full HD)
<b>Live display mode (through HDMI)</b>	1920 x 1080 (Full HD)
<b>Pixel size</b>	2.8µm x 2.8µm
<b>Scan mode</b>	Progressive
<b>Data transfer</b>	HDMI (1080p) and USB 2.0
<b>Max. Frames per second (fps*)</b>	USB: 1920 x 1080 (Full HD) @ 30 fps HDMI: 1920 x 1080 (Full HD) @ 60 fps
<b>Exposure time</b>	0.06ms ~ 40ms with Auto Exposure mode (0.06ms ~ 999ms with Manual Exposure mode)
<b>Operating temperature</b>	From -10 to +60 Degrees Celsius non condensing
<b>Max. signal to noise ratio</b>	40dB
<b>Dynamic range</b>	71dB
<b>Sensitivity</b>	0.51V (Typical at 1/30 sec)
<b>Slot</b>	SD Card (max 32Gb)
<b>Buttons</b>	On / Off
<b>Support device</b>	Twain 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>Screen</b>	11.6" Native 1920x1080 pixel Full HD Screen with Bracket
<b>Software</b>	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.
<b>Power supply</b>	12V (External Power supply)
<b>Package includes</b>	HDMI cable, USB 2.0 Cable, Calibration Slide, Universal Power Supply, Motic Images Plus 3.0 for PC/OSX/Linux