

MOTICAM Series

# MOTICAM 1080 N





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<b>Sensor type</b>	CMOS IMX307
<b>Sensor size</b>	1/2.8"
<b>Imaging area</b>	6.46 mm (Diagonal)
<b>Capture resolution</b>	6MP (3264 x 1836)
<b>Image capture resolution (on SD-card)</b>	6MP (3264 x 1836)
<b>Video capture resolution (on SD-card)</b>	Full HD (1920 x 1080 pixels)
<b>Live display mode through USB</b>	Full HD (1920 x 1080 pixels)
<b>Live display mode through HDMI</b>	Full HD (1920 x 1080 pixels)
<b>Pixel size</b>	2.9 x 2.9 µm
<b>Scan mode</b>	Progressive
<b>Shutter mode</b>	Rolling shutter
<b>Data transfer</b>	HDMI, USB, microSD card
<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>	20 ms ~ 10 s
<b>Operating temperature</b>	From -10 to +60 degrees Celsius non condensing
<b>Slot</b>	microSD card (Max. 128GB)
<b>Buttons</b>	On/Off
<b>Support device</b>	TWAIN and DirectShow Driver
<b>Supported OS</b>	Windows 7/8/10, MAC OSX, Linux or higher
<b>Minimum computer requirements</b>	2 GHz dualcore - RAM memory 2 GB - Video memory min. 512 MB
<b>Lens mount</b>	C-Mount
<b>Focusable lens</b>	12mm
<b>Software</b>	On-board Software and Motic Images Plus 3.1 for Windows 10 and MAC OSX or higher
<b>Functions</b>	Including exposure, gain, white balance, color adjustment, sharpness and denoising control, zoom, mirror, comparison, freeze, measure, cross, browse function
<b>Power supply</b>	12V (External Power supply)
<b>Package includes</b>	CS ring adaptor, focusable lens, 30 mm and 38 mm eyepiece adapters, Motic 4-dot calibration slide, macro tube, universal power supply, HDMI cable, USB cable, USB pendrive with Motic Images Plus 3.1
<b>Other features</b>	USB port for connecting a mouse to enable software control
<b>Notes</b>	Transport and storage case

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