Specification
Sheet

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MOTICAM Series

MOTICAM 1080 N BMH

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MOTICAM Series - Tablet Solutions

MOTICAM 1080 N BMH

Sensor type	CMOS IMX307
Sensor size	1/2.8"
Imaging area	6.46mm (Diagonal)
Capture resolution	6MP (3264X1836)
Image capture resolution (on SD-card)	6MP (3264X1836)
Video capture resolution (on SD-card)	Full HD (1920x1080 pixels)
Live display mode through USB	Full HD (1920x1080 pixels)
Live display mode through HDMI	Full HD (1920x1080 pixels)
Pixel size	2.9x2.9µm
Scan mode	Progressive
Shutter mode	Rolling shutter
Data transfer	HDMI, USB, MicroSD card
Max. frames per second (fps)	USB: 1920x1080 (Full HD) @ 30 fps, HDMI: 1920x1080 (Full HD) @ 60 fps (*)
Exposure time	20ms ~ 10s
Operating temperature	From -10 to +60 degrees Celsius non condensing
Slot	Micro-SD Card (Max. 128GB)
Buttons	On/Off
Support device	TWAIN and Direct Show Driver
Minimum computer requirements	2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB
Lens mount	C-Mount
Screen	11.6" Native 1920x1080 pixels Full HD Screen with Bracket
Software	On board Software and Motic Images Plus 3.1 for Windows 10 and MAC OSX or higher
Functions	Including exposure, gain, white balance, color adjustment, sharpness and denoising control, zoom, mirror, comparison, freeze, measure, cross, browse function
Power supply	12V (External Power supply)
Package includes	CS ring adaptor, Motic 4-dot calibration slide, universal power supply, HDMI cable, USB cable, USB pendrive with Motic Images Plus 3.1
Other features	(*) Frames per second under optimal lighting conditions and in compliance with computer technical requirements.
Notes	Transport and storage case

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