

MOTICAM SERIES / **MOTICAM 1080N INT**

LIVE
 MEASUREMENTS



NEW
 DESIGN

MOTICAM 1080N INT

Full HD Standalone camera for BA Series

The Moticam 1080N INT, designed for the BA Series, outputs fast live images in Full HD (1920x1080px) and displays your live images on an integrated LCD screen by connecting the camera through the HDMI port. Make live measurements, notes, image adjustments and more, thanks to its on-board software that can be controlled through the screen by connecting a USB mouse to the camera. By having an integrated micro SD card slot, saving images won't require a computer, making it easy to save and organize your images and videos. The USB port allows you to connect with a computer, even simultaneously, and use the Motic Images Plus software.



Technical Specifications

Name	MOTICAM 1080N INT
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)	Full HD (1920x1080) @ 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	Intermediate body for BA Series
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	Motic 4-dot calibration slide, universal power supply, HDMI cable, USB cable, USB pendrive with Motic Images Plus 3.1
Notes	Transport and storage case

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

Software

With its own built-in software, the Moticam 1080N INT makes it possible to view live images, make measurements, image adjustments, or edit them. You can also capture images or record videos directly from a screen with your mouse, storing them in a micro SD card. If you wish to work with our well-known software Motic Images Plus 3.1, which comes included in the package, connect the camera through USB to your computer.

