



Specification
Sheet

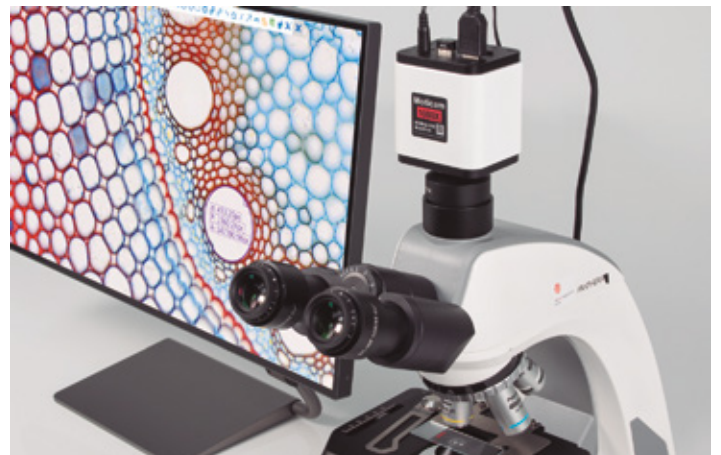
Motic®
MORE THAN MICROSCOPY

MOTICAM Series

MOTICAM 1080X



FULL
HD
1080





MOTICAM Series - HDMI Cameras

MOTICAM 1080X

Sensor type	CMOS IMX185
Sensor size	1/1.9"
Imaging area	7.20x4.05mm
Capture resolution	2MP (1920x1080 pixels)
Image capture resolution (on SD-card)	2MP (1920x1080 pixels)
Video capture resolution (on SD-card)	Full HD (1920x1080 pixels)
Live display mode through USB	-
Live display mode through Wi-Fi	Full HD (1920x1080 pixels)
Live display mode through HDMI	Full HD (1920x1080 pixels)
Pixel size	3.75x3.75µm
Scan mode	Progressive
Shutter Mode	Rolling shutter
Data transfer	HDMI (1080p), SD card, USB Wi-Fi dongle
Max. frames per second (fps)	HDMI: Full HD (1920x1080) @ 30 fps (*), USB Wi-Fi dongle: 1920x1080 (Full HD) @ 25 fps (*)
Exposure time	0.06ms ~ 918ms
Operating temperature	From -10 to +50 Degrees Celsius non condensing
Sensitivity	1120mV with 1/30s, 0.15mV with 1/30s
Slot	SD Card
Buttons	On/Off
Supported OS	Windows 7/8/10, MAC OSX, Linux or higher
Minimum computer requirements	2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB
Lens mount	C-Mount
Focusable lens	12mm
Software	Motic Images Plus 3.1 for Windows, OSX and Linux, MotiConnect App for iOS and Android (Download only) and on-board software
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, focusable lens, 30mm and 38mm eyepiece adapters, Motic 4-dot calibration slide, macro calibration card, macro tube, universal power supply, HDMI cable, Wi-Fi dongle and 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.