Specification
Sheet

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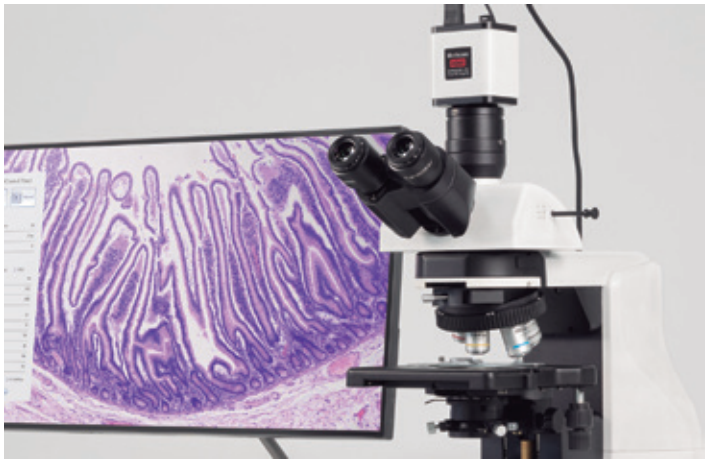
MOTICAM Series

MOTICAM 4000

HDMI USB 4K



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MOTICAM Series - HDMI Cameras

MOTICAM 4000

Sensor type	CMOS IMX334
Sensor size	1/1.8"
Imaging area	7.68x4.32mm
Capture resolution	8MP (3840x2160 pixels)
Image capture resolution (on SD-card)	8MP (3840x2160 pixels)
Video capture resolution (on SD-card)	4K (3840x2160 pixels)
Live display mode through USB	4K (3840x2160 pixels)
Live display mode through Wi-Fi	-
Live display mode through HDMI	4K (3840x2160 pixels)
Pixel size	2.0x2.0µm
Scan mode	Progressive
Shutter Mode	Rolling shutter
Data transfer	HDMI, SD card, USB (video and data storage)
Max. frames per second (fps)	HDMI: 4K (3840x2160) @ 30 fps (*); USB: 4K (3840x2160) @ 20 fps (*)
Exposure time	0.04ms ~ 1000ms
Operating temperature	From -10 to +50 Degrees Celsius non condensing
Sensitivity	505mV with 1/30s, 0.1mV with 1/30s
Slot	SD Card
Buttons	On/Off
Supported OS	Windows 7/8/10, MAC OSX, Linux or higher
Minimum computer requirements	Core2, 2.8GHz, RAM memory 8GB
Lens mount	C-Mount
Focusable lens	12mm
Software	Motic Images Plus 3.1 for Windows 10, MAC OSX10.9, Linux UBUNTU1604 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, focusable lens, 30mm and 38mm eyepiece adapters, Motic 4-dot calibration slide, macro calibration card, macro tube, universal power supply, HDMI cable, USB cable, USB Mouse 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.*