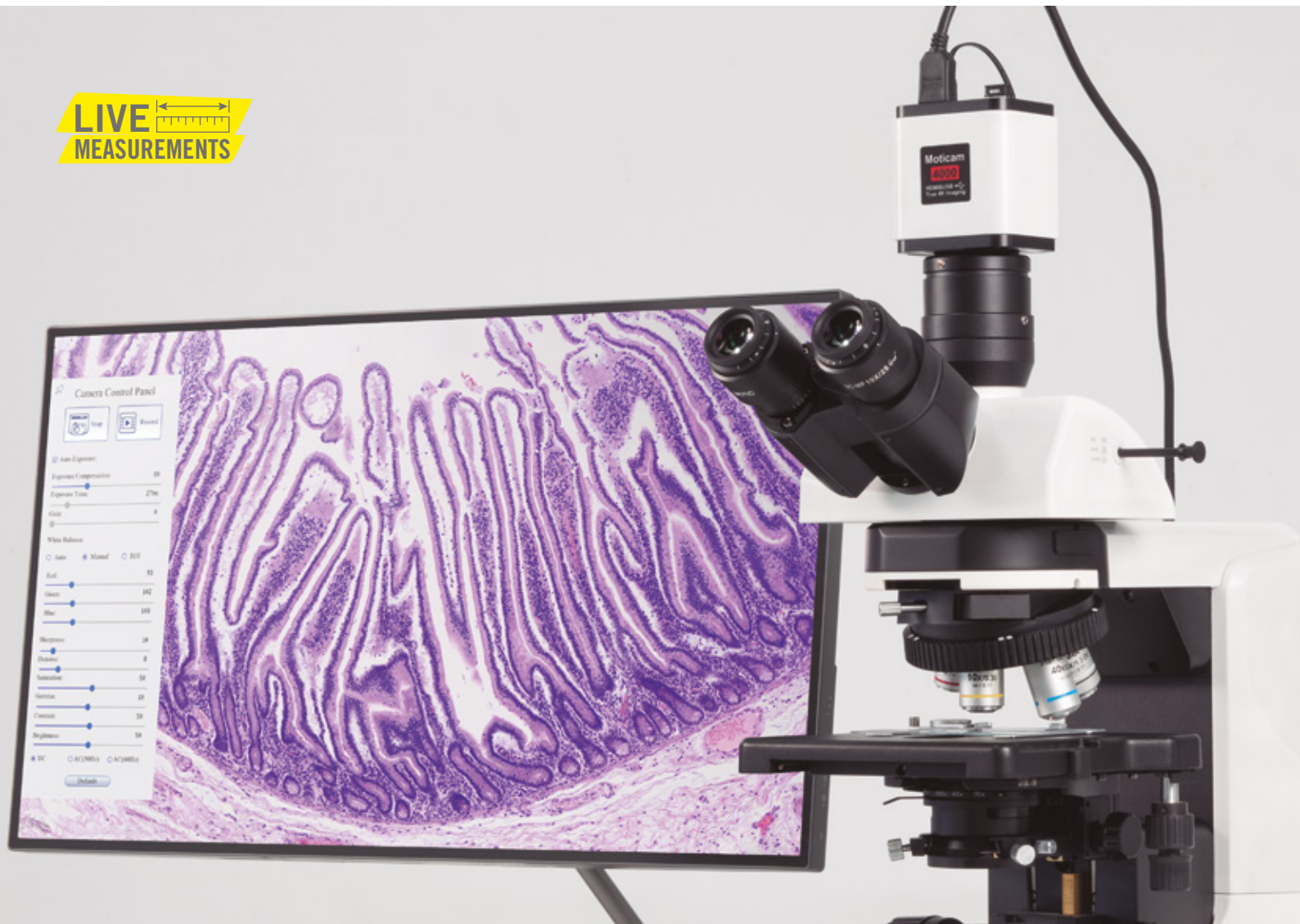


LIVE MEASUREMENTS



MOTICAM 4000

True 4K Imaging

Discover our newest Moticam 4000, designed for efficiency and to output fast live images at 4K (3840x2160px). Connect it through the HDMI port to a screen and display your live image. With the use of the on-board software and a USB mouse, you can make live measurements, notes, image adjustments and more, directly on the HDMI screen, without the need for a computer. Thanks to its integrated SD card slot and USB ports, saving images won't require a computer, making it easy to save and organize your images and videos. You can also connect your camera through USB to a Windows, or Mac computer, and even display your samples simultaneously.



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Technical Specifications

Name	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 (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, 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 and OSX, 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, USB cable, USB Mouse and USB Pendrive with Motic Images Plus 3.1

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



Accessories



Following our All-In-One-Box style, with the included accessories you can convert almost any conventional microscope into a digital microscope. This Moticam has the necessary equipment, including the software, to help you to turn your images into knowledge.



Software

Let the Moticam 4000 built-in software guide you in viewing live images, making measurements, image adjustments, or editing them. You can also capture images or record videos directly from a screen with your mouse, storing them in an SD card or a USB stick. 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.