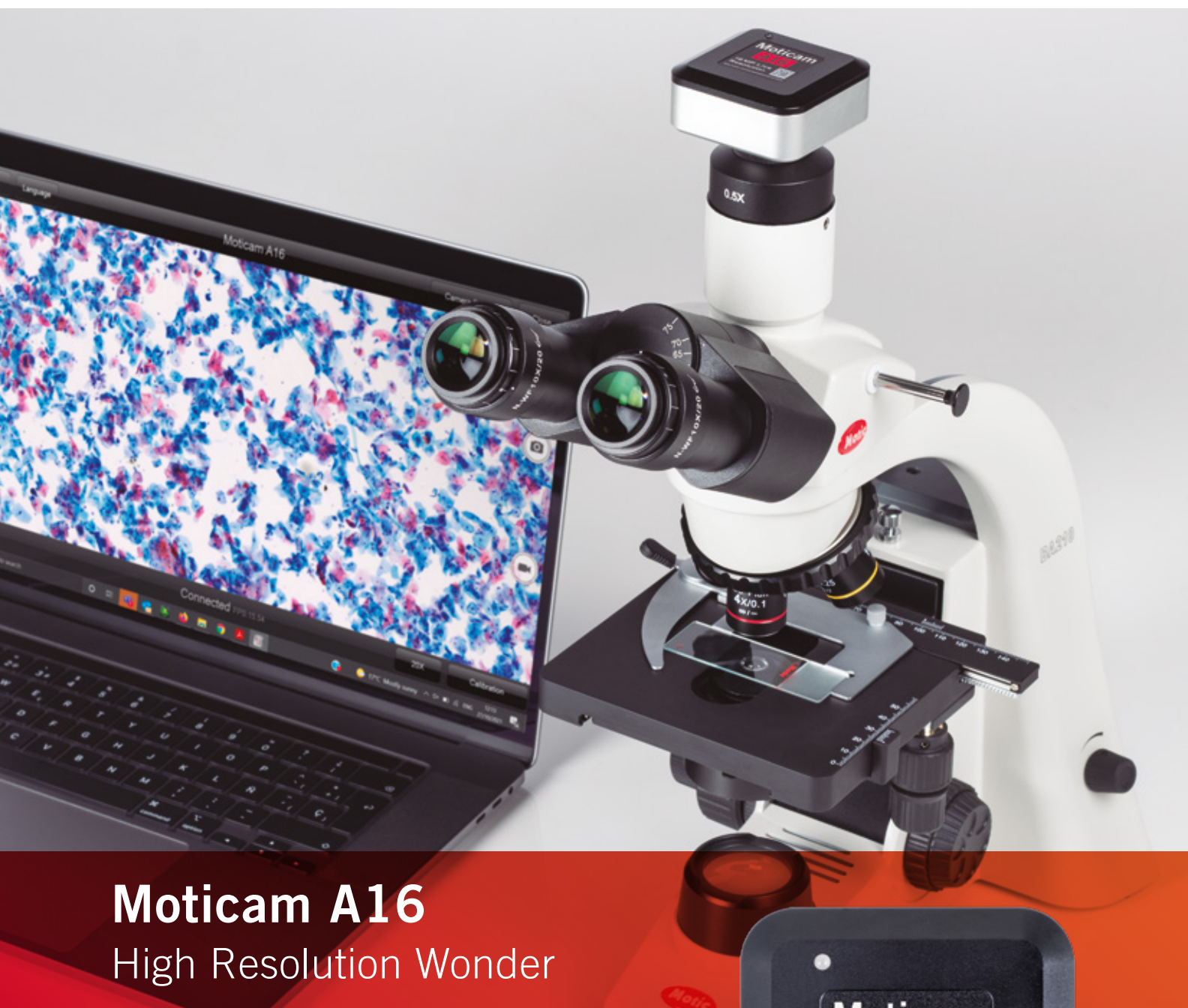
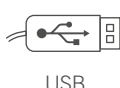




Moticam A16

High Resolution Wonder

The ultimate affordable Moticam for advanced enthusiasts with demanding needs. The Moticam A16 has a 1/2" sCMOS sensor which is bigger than the other ones in the A Series. The resolution goes above 4K and delivers up to 15fps in live imaging. This Moticam is the instrument for forensic level demands.



Technical Specifications

Sku	1100600101463
Name	Moticam A16
Sensor type	sCMOS
Sensor size	1/2.3"
Imaging area	7.77mm (Diagonal)
Capture resolution	16MP
Live display mode through USB	4608x3456, 3264x2448, 1920x1080 pixels
Pixel size	1.34x1.34µm
Scan mode	Progressive
Shutter Mode	Rolling Shutter
Data transfer	USB 2.0
Max. frames per second (fps)	4608x3456 @ 15fps, 3264x2448 @ 15fps, 1920x1080 @ 30fps (*)
Operating temperature	From -10 to +60 Degrees Celsius non condensing
Sensitivity	>2000mV
Support device	TWAIN, SDK and Direct Show Driver
Supported OS	Microsoft Windows 7/8/10, MAC OSX10.9, Linux UBUNTU1604 or higher
Minimum computer requirements	2GHz dualcore - RAM memory 2GB
Lens mount	C-Mount
Focusable lens	12mm
Software	MotiConnect for Windows/OSX/Linux (Download only)
Functions	Still image and video capture, still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system.
Power supply	5V (USB supply)
Package includes	CS ring adaptor, focusable lens, 30mm and 38mm eyepiece adapters, USB 2.0 cable, Motic 4-dot calibration slide, macro tube, calibration card

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



Accessories



The Moticam A-Line follows our All-In-One-Box methodology. This means that with the included focusable lenses, eyepiece adapters and glass calibration slide, you can convert almost any conventional microscope into a digital microscope.



Software

EASY | FLEXIBLE | DOWNLOADABLE



The MotiConnect is a multi-platform toolbox to make the most out of your new Moticam A-Class product. Capture, Annotate, Measure and evaluate using simple to understand and easy to use tools. This free software can also be enhanced by purchasing the more advanced Motic Images Plus 3.1 from your nearest Motic Dealer.