



Specification
Sheet

Motic®
MORE THAN MICROSCOPY

MOTICAM A Series

MOTICAM A16





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MOTICAM A16

Sensor type	sCMOS
Sensor size	1/2.3"
Imaging area	7.77 mm (Diagonal)
Capture resolution	16 MP
Live display mode through USB	4608 x 3456, 3264 x 2448, 1920 x 1080 pixels
Pixel size	1.34 x 1.34 µm
Scan mode	Progressive
Shutter mode	Rolling Shutter
Data transfer	USB 2.0
Max. frames per second (fps)	4608 x 3456 @ 15 fps, 3264 x 2448 @ 15 fps, 1920 x 1080 @ 30 fps (*)
Operating temperature	From -10 to +60 degrees Celsius non condensing
Sensitivity	>2000 mV
Support device	TWAIN, SDK and DirectShow Driver
Supported OS	Microsoft Windows 7/8/10, MAC OSX 10.9, Linux UBUNTU1604 or higher
Minimum computer requirements	2 GHz dualcore - RAM memory 2 GB
Lens mount	C-Mount
Focusable lens	12 mm
Software	MotiConnect for Windows 10, MAC OSX 10.9 or higher (download only)
Functions	Still image and video capture, still image measurement, image adjustments, automatic and manual white balance, automatic and manual exposure, individual objective calibration system.
Power supply	5 V (USB supply)
Package includes	CS ring adaptor, focusable lens, 30 mm and 38 mm eyepiece adapters, USB 2.0 cable, Motic 4-dot calibration slide, macro tube, Calibration card
Other features	Motic Images Plus Compatibility (Not included)
Notes	Transport and storage case

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