MOTICAM S20

USB CAMERAS

The new Motic sCMOS cameras developed by German engineering represents a new impetus to manufacturing quality, technical precision and lightweight design. With a member of this line the door for new application fields opens wide.The accelerated data readout (Rolling Shutter) also enables to work on fast moving phenomena.

If it is about maximum resolution for printing purposes, Moticam S20 is your choice. A 18fps maximum frame rate manages the largest data volume of Motic S Series when capturing at the highest resolution. If resolution in display or for printing is in your mind, Moticam S20 is your solution.

www.moticamseries.com | www.moticeurope.com

SCIENTIFIC CMOS CAMERA

20 MP · USB3.1

MOTICAM S20 — TECHNICAL SPECIFICATIONS

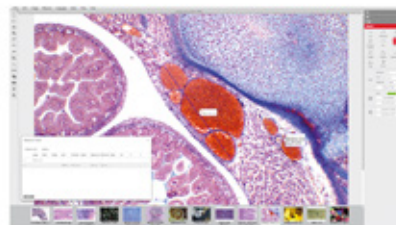|	
Sensor type	sCMOS
Sensor size	1"
Imaging area	15.86mm (Diagonal)
Capture resolution	20MP
Live display mode through USB	5472x3648, 2736x1824 pixels
Pixel size	2.4x2.4µm
Scan mode	Progressive
Shutter mode	Rolling Shutter
Data transfer	USB 3.1
Max. frames per second (fps*)	5472x3648 @ 18fps, 2736x1824 @ 50fps
Exposure time	15 µsec to 2 sec
Operating temperature	From -10 to +60 Degrees Celsius non condensing
Sensitivity	461mV(G) @ 1/30 sec
Support device	TWAIN, SDK and DirectShow Driver
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
Software	Motic Images Plus 3.0 for Windows, OSX and Linux
Functions	Still image and video capture, live and still image measurement, image adjustments, white balance, automatic & manual exposure, individual objective calibration system.
Power supply	5V (from USB Port)
Package includes	CS ring adaptor, USB 3.1 cable, Motic 4-dot calibration slide, Motic Images Plus 3.0 for PC/OSX/Linux

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

MOTIC IMAGES PLUS 3.0 IMAGE ANALYSIS SOFTWARE

Grab your image with highest sensor sensitivity. Navigate in the dark!

Motic Images Plus 3.0

By connecting your Moticam to your computer you will be able to work with our well-known software that comes included in the package. View, capture, edit, measure, make reports... all its standard features and the new ones packed in a new user-friendly interface.

FAST FRAME RATES   sCMOS SENSOR   USB 3.1 INTERFACE   MIP 3.0 SOFTWARE