MoticamS12

New Generation Scientific Grade CMOS Sensor
Large Sensor Format size 12M Pixels USB3.1 Microscope Camera

The USB3.1 speed MoticamS line cameras offer a great package combining both high resolution MoticamS line cameras use New Generation Scientific Grade CMOS Sensors and it is new High Quality Microscope Cameras.

It supports a wide and variety Microscopy applications with 12M pixels resolution.

This New Scientific Grade CMOS sensor offers High Sensitivity, High Dynamic Range, low Noise, very good Color Reproduction and other good features for Microscopy applications.

It comes with a User Friendly Motic Image Plug software for easy camera controlling.

All camera settings include Exposure time, Contrast, Brightness, Saturation, White Balance and other settings can be saved for further using.

MoticamS12 camera uses New Scientific Grade CMOS sensors, it names Back-illuminated Technology which Provides twice as much sensitivity as normal front illuminated sensors.

Additionally, temporal dark noise is reduced by using dual ADC (Analog to Digital Conversion) methods along with CDS (Correlated Double Sampling).
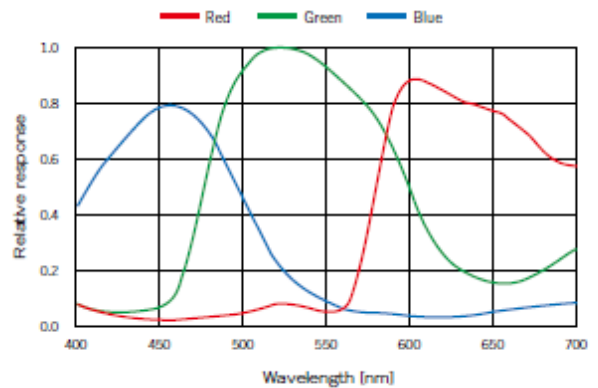
MoticamS12 TECHNICAL SPECIFICATIONS

- 12.0M Pixels (4000 X 3000)
- 8bit/12bit Digitalization
- 1.85μm X 1.85μm Pixels size
- 1/1.7" Sensor Format
- USB3.1 Interface
- Rolling Shutter with Global Reset
- Support up Max 30fps

Recommended for

- Applications for bright samples
- Application for phase contrast applications
- Documentation
- Routine tasks
- Material testing and researching
- Industrial working
- Teaching and Education
- Quality control
- Histochemistry
- Clinical Routine
- Cell culture
- Fast high resolution live image for researching and observation
- Fast live image and time-lapse image recording
- Life sciences
- Material sciences
- Co-observation with fast high resolutions live image in high quality color
- Fast image time-lapse recording
- High quality documentation for pathology cytology and others
- Broad range of intensities and exposure time
- Quality control and inspection

Motic