Sirius Optics
Unit 1
26 Darnick Street
Underwood, Qld 4119

Opening Hours

10am-5:30pm Mon-Fri
9am-2pm Sat

Phone: 07 3423 2355
www.sirius-optics.com.au

saxon 3 Megapixel Digital Microscope Camera

AUD $449.00

Product Images

* Laptop is not include

Short Description

Step into the world of microscope photography with the **saxon 3 Megapixel Digital Microscope Camera**.

This camera fits on microscopes of any size thanks to the included 30mm and 30.5mm adapter tubes.

You can take pictures or even record videos of specimens and document your observations.

Specifications:

- Sensor size: 2048x1536 (Approx 3.2 Megapixels)
- CMOS sensor size: 1/2" (6.5mm x 4.92mm)
- Frames per second: 43fps@680x510, 22fps@1024x768, 8fps@2048x1536
- Responsivity: 1.0V/lux-sec (550nm)
- Dynamic range: 61dB
- SN Ratio: 43dB

NOTE: This camera can also be used for limited astro photography up to 2 second exposures. You will need the Sirius 1.25in to C/CS mount for this (Item: 125426)

Description

Hardware Specifications

Image Pickup Device	Aptina Mt9T001 CMOS (Colour)
Scan Mode	Progressive
Max. Resolution	2048 x 1536 (Approx. 3,200,000 pixels)
Sensor Size	1/2" (6.55mm(H)x4.92mm(V), Diagonal 8.19mm)
Pixel Size	3.2µm x 3.2µm
G Sensitivity	1.0V/lux-sec (550nm)
Dynamic Range	61dB
A/D Converter	10-bit, 8-bit RGB to PC
SN Ratio	43dB
Spectral Range	380-560nm (with IR-filter)
Video Format and Frame Rate	8fps@2048x1536, 22fps@1024x768, 43fps@680x510
Binning	1x1, 2x2, 3x3
Exposure	0.128ms~2000ms, ROI Auto & Manual
White Balance	ROI White Balance/Manual Temp-Tint Adjustment
Colour Rendering Technique	Ultra Fine Colour Engine
Peak Quantum Efficiency	35%
Radout Noise	N/A
Extinction Ratio	N/A
Smear	N/A
Capture/Control API	Native C/C++ SDK, DirectShow, Twain

Recording System	Still Picture, Movie

Optimum Operating Range

Operating Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH
Power Supply	DC 5V over PC USB Port

Software Requirements

Operating System	Microsoft Windows 7/8/10 Mac OS X Linux
PC Requirements	CPU: Equal to Intel Core2 2.8GHz or higher Memory: 2GB or more USB Port: USB2.0 High-speed port Display: 17" or larger CD drive for installation

Additional Information

Specifications	No

https://www.sirius-optics.com.au/saxon-3-megapixel-digital-microscope-camera.html

1 May 2025