

SCOPE GO 4

Hand Held High Speed Streaming System

Slow down fast events using high speed recording



Imaging for smart decisions...



Optimize Operational Efficiency

Maximize the efficiency of your manufacturing processes by knowing the hot spots.



Quick & Easy

Portable handheld device for quick looks and instant playback.



Ease of Use

Plug in, switch on
- ready to go: exactly what you expect from a tool.



Ready to use kit

GO 4 comes with all the necessary accessories for a jump start, neatly packed in a sturdy case.

SCOPE GO 4 - increases productivity and reduces downtime on production and assembly lines.

- The “**oscilloscope of the mechanical engineer**” assists in daily routine tasks such as trouble shooting, preventive maintenance and fine tuning of production processes.
- **Increase your productivity by knowing exactly what is going on in your assembly lines**

Step into a world of unrivaled troubleshooting capabilities with the SCOPE GO 4, the ultimate high-speed camera designed specifically for industrial applications. Whether you are in manufacturing, engineering, or maintenance, this cutting-edge camera system empowers you to identify and resolve production related issues with unparalleled accuracy and efficiency. Simply record the events in high speed and play it instantly back in the palm of your hand in slow motion.



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SCOPE GO 4 | Key Specifications

Typical frame rates vs resolution

	1024	800	720	640	600	512	480	320
1280	210	266	295	330	350	407	433	629
896	294	372	411	459	487	564	598	859
640	403	507	558	621	659	759	804	1137
512	493	618	680	755	800	918	970	1356
384	636	793	869	962	1017	1161	1224	1683

Table shows typical resolution vs. fps, Resolution is freely adjustable within limitations of camera/sensor

The System

Tablet Controller	10.5" Tablet Controller with GO 4 software pre-installed, ready to go. The controller is mounted in hand held bracket for easy mobile use
Dimensions	w:250 x h:190mm x 23mm
Weight	950gram / 2.1lbs including bracket, camera and cable
Power	Power supply 110-230VAC / 19VDC included
Software	Imaging Studio V4 TOUCH pre-installed ready to operate
Battery lifetime	Recording modus typically 3hrs
Camera holder	Camera attached to bracket with locks for USB3 cables, alternatively the camera connects with 3m / 10ft USB 3 cable.

Camera specifications


Image Sensor	CMOS sensor
Pixel Size	4.8 microns
Sensor Format	1/2" / 6.14mm x 4.92mm
Light Sensitivity	ISO 3600 (monochrome), ISO 2400 (colour) without gain
Dynamic Range	Monochrome 8 bit / Color 24 bit
Shutter Type	Global, independent of frame rate
Exposure Time	Free adjustable from 59 µsec to 1 / framing rate by software
Lens Mount	C-mount
Interface	Single USB3 link between camera and Control Unit
Mounting Threads	3x M3 thread, bottom or 1/4" UNC via mounting plate
Camera Size	30 x 30 x 30 mm / 80 gr 1.18" x 1.18" x 1.18" 0.18lb

Software Functions

Live View	Display of live view of camera while recording
Camera Views	Multiple recordings may be compared to actual view using MultiView tab.
Settings tab	Setting of camera parameters such as resolution, recording speed, gain etc
Recording type, Trigger	Circular buffer recording, Trigger adjustable by software
MotionDetection	Trigger a recording based on image information
Focus assistant	Focus assistant to record sharp images
Overexposure AutoExposure assistant	Avoid overexposure by using the software assistant, use automatic exposure for best results
Languages supported	English / German / French / Spanish / Czech / Portuguese / Korean / Chinese
Data Storage	Built in SSD, 16GB for recording, 50GB for conversion and file storage
Data Export	Via USB port

Your local AOS partner:

Ordering information

Model	
SCOPE GO 4	AOS# 691041-10-1100 (color)
	AOS# 691041-10-1500 (monochrome)
	
Shipment includes <ul style="list-style-type: none"> ♦ GO 4 controller bricked with camera, software pre-installed, in transport case ♦ Camera color or mono model as ordered ♦ USB3 cable 0.2m (0.8ft) for camera on bracket ♦ USB3 cable 3m (9ft) for remote recording position of camera ♦ Quick mount bracket ♦ LED light ♦ Imaging Studio V4 for playback, editing, conversion of sequences on PC. 	



Specifications are subject to change without prior notice – v07.2023

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