

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.



AOS Technologies AG

Taefernstrasse 20 | CH-5405 Baden-Daettwil



“**TMV SS**” spol. s r.o.
obchodní a servisní
zastoupení pro ČR a SR

Studánková 395, 149 00 Praha 4 - Újezd
tel.: +420 272 942 720, fax: +420 272 942 722
email: info@tmvss.cz, www.tmvss.cz

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 ¼" 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, Card Slot |

Ordering information

| Model | |
|--|--|
| SCOPE GO 4 | A0S# 691041-10-1100 (color) |
| | A0S# 691041-10-1500 (monochrome) |
|  | Shipment includes <ul style="list-style-type: none"> ◆ GO 4 controller bricked with camera, software pre-installed ◆ 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. |



Your local AOS partner:



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