

DIGITAL INDUSTRIES SOFTWARE

USB Rugged Camera for Simcenter SCADAS RS

Simcenter/SCRSA-CAM001/2024/20240610

Product Information Sheet

Summary

USB Rugged Camera for Simcenter SCADAS RS. Max resolution of 1920x1080, max framerate of 30 fps. Rugged design and rating of IP69K.

BENEFITS

- USB rugged camera
- Resolution up to 1920x1080
- Frame rate up to 30 fps

FEATURES

- Under water depth rating
- Ingress Protection IP69K
- Use with the on board App (accessible through any web browser)

Simcenter SCADAS RS

Product Family

Simcenter SCADAS RS is part of the Simcenter SCADAS signal conditioning and data acquisition systems and is designed for demanding test conditions.

Units connect in daisy chain to a Recorder unit for autonomous operation or in combination with a PC, tablet, or smartphone.

Use Simcenter Testlab or the on board Simcenter SCADAS RS Configuration or Recorder App for instrumentation, channel setup, calibration, sensor validation, measurement control, data viewing on-line and after a measurement.

Units are powered from an Uninterruptable Power Supply Unit (UPS) with flexible power distribution across multiple units.



General

Product code	SCRSA-CAM001
Description	USB Rugged Camera for Simcenter SCADAS RS
Weight	84 g (44 g in water)
Power consumption	1.3 W (max)

Processing

Frame rate	Up to 30 fps
Streaming latency	35 ± 20 ms
Tuning	AI image tuning and processing

Sensor & Lens

Image Sensor	Sony Exmor™ CMOS (with Back Side Illumination)
Color	RGB
Type	Rolling Shutter
Resolution	Up to 1920x1080
Lens	Fisheye (non-distortion f/2.0)

Environmental

Front port	Standard Depth-Resistant Glass
Under water rating	Depth: 400 m
Ingress Protection	IP69K
Material composition	Aerospace-grade 6061-T6 alloy aluminum - Abrasion-resistant hard anodized coating
USB connector	Fully isolated
Housing	4 standard ¼ inch screw holes for easy mounting on standard camera brackets and supports. Protective caps for the unused holes.

Ordering Information

SCRSA-CAM001 USB Rugged Camera for Simcenter SCADAS RS

Options and Accessories

Connectivity	SCRSA-CAB004	cable USB2.0, 0.5m
	SCRSA-CAB023	cable USB3 device to USB-A (female), 1m