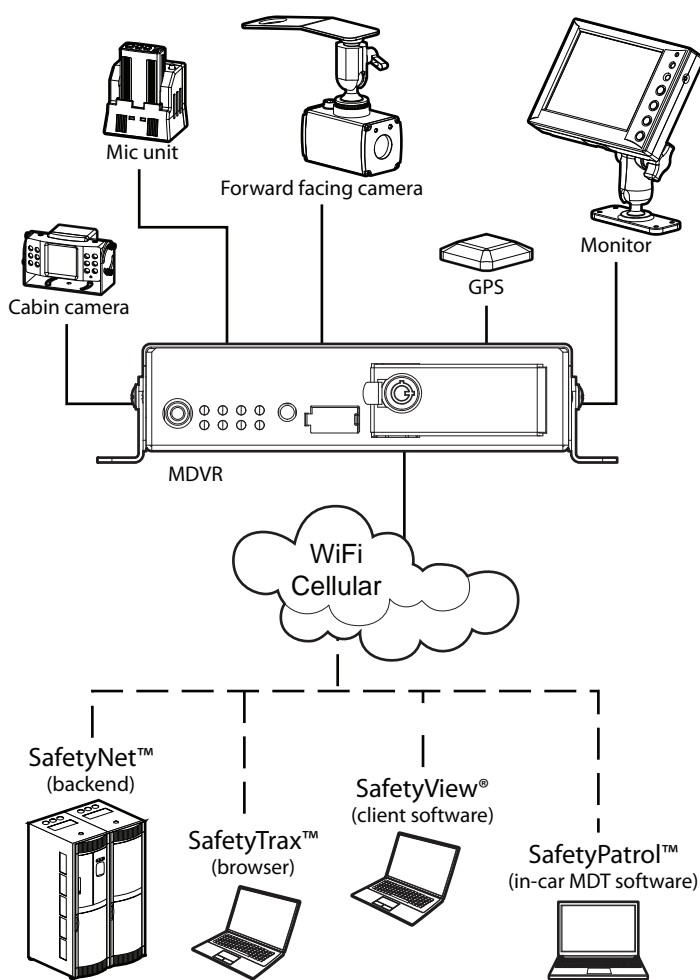# *RouteRecorder® 4C SD SS*

The RouteRecorder® 4C SD SS is a compact and rugged digital video recording solution that supports four cameras for extended viewing coverage. It records high quality digital video on standard high-capacity Secure Digital™ (SD) cards.

Mic unit

Forward facing camera

Cabin camera

Monitor

GPS

MDVR

WiFi Cellular

SafetyNet™
(backend)

SafetyTrax™
(browser)

SafetyView®
(client software)

SafetyPatrol™
(in-car MDT software)

FEATURES

The RouteRecorder 4C SD SS records up to four video and four audio channels in MPEG4 (H.264) format for an approximately 80% reduction in file size over MJPEG and an estimated 30% reduction over standard MPEG4 at the same quality. Record 90+ hours of footage from four cameras on a 32 GB SD card.

BENEFITS

An incredibly slim form-factor allows the RouteRecorder 4C SD SS to be mounted virtually anywhere in the cabin. There are no moving parts, maximizing vibration specifications. Extended temperature specifications mean no heater or warm-up period is required - recording can begin as soon as the vehicle is started.

Easy Data Retrieval

Conveniently retrieve data wirelessly or manually. The RouteRecorder 4C SD SS is completely compatible with our SafetyView® 3.1 viewing software. With GPS positioning, speed tracking and recording, vital information for each recorded event is tracked.

Features

• Designed to operate in high-vibration environments, yet reliably records data on a standard high-capacity SD card

• Optional panic button to mark events for easy searching and identification

• Password-protected user interface with an integrated locking door, eliminating the need for an external lock box
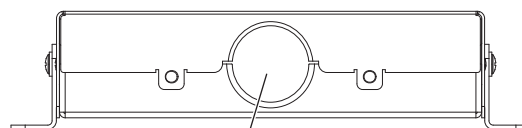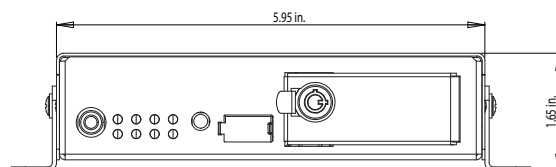
SAFETY VISION®

SPECIFICATIONS

SV-4CSDSS

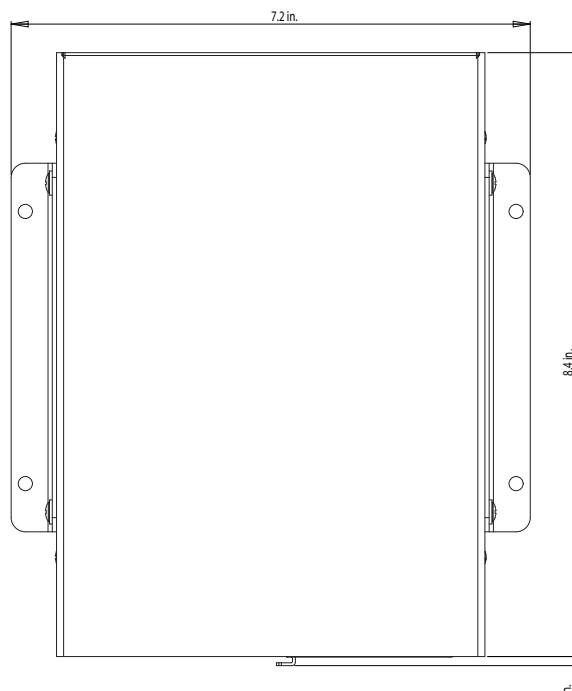|	
Video Signal	4 channel NTSC Standard
Frames Per Second (fps)	Selectable 30 fps to 1 fps
Audio Input	4 analog audio channels
Resolution	D1, VGA, 1/4 D1 or 1/4 VGA; camera selectable
Archive Media	Secure Digital (SD) card
External Trigger Inputs	7 input triggers plus the ignition trigger
Power Supply	8-24V DC
Off Power Consumption	< 10 mA
Operating Temperature	–4°F ~ 149°F (–20°C ~ 65°C)
Dimensions (w x h x d)	1.1 in. x 7.4 in. x 8.7 in. (28 mm x 188 mm x 221 mm)
Weight	2 lbs. (0.90 kg)

Estimated Record Time (4 cameras simultaneous)

Archive Media	Total FPS	Medium Compression
32 GB SD	60	92 hours

SV-830 Series Day/Night Color Camera

Image Sensor	Standard: 1/4-inch color Sony CCD High Resolution: 1/3-inch color Sony CCD
Signal Format	NTSC Standard/ PAL
Lens Focal Length	2.6 / 4 / 6 / 8 mm
Minimum Illumination	0 Lux
IR Illumination	High-intensity IRs
Resolution	Standard: 420 TV Lines High Resolution: > 500 TV Lines
Picture Elements NTSC/PAL	Standard: 510 (H) x 492 (V) / 500 (H) x 582 (V) High Resolution: 768 (H) x 480 (V) / 768 (H) x 576 (V)
Signal-to-Noise Ratio	> 48 dB
Power Supply	12V DC
Power Consumption	2.5W
Operating Temperature	–4°F ~ 149°F (–20°C ~ 65°C)
Audio	2V Peak to Peak at 94 dBA

5.95 in.

1.65 in.

Wiring harness
(for cameras, GPS, etc.)

7.2 in.

8.4 in.

COMPATIBLE PRODUCTS

SV-LCD70A	Quad view LCD monitor
SV-830D	Dome camera
SV-830W	Wedge camera

Warranty Agreement

Safety Vision's standard warranty for new items is one year. Extended warranties and advance replacement agreements also are available. Ask your sales or customer service representative for details.

OPTIONAL ACCESSORIES

Din bracket	Brackets for in-dash mounting of DVR
Lockbox bracket	Brackets for mounting DVR into a lockbox