

PatrolRecorder™ 4C Mobile Digital Video Recorder



The PatrolRecorder™ 4C is a compact and rugged digital video recording solution that supports four cameras for extended viewing coverage. It records high quality digital video on a mobile-rated removable hard drive.

Real Time Video

The compact mobile video recorder can record and playback simultaneously giving you instant access to video. Conveniently retrieve data by removing the hard drive or by using the network interface for live streaming or video downloading to your main storage server.

Global Positioning System Mapping

With GPS mapping, speed tracking and recording, the PatrolRecorder 4C reliably tracks vital information for each recorded event. The Safety Vision viewer software enables you to see a map of the location where the video was recorded as you playback the video.

User Friendly

Multiple input triggers allow you to automatically activate recording based on your specifications. You can also record video previous to a triggered event. With a virtually hands-off interface, it is easy to use with little to no maintenance required.

Features

- Designed to operate in high-vibration environments, yet reliably records data on a 2.5-inch mobile rated hard drive
- Operates as an event-based or shift-based video, audio and telemetry data recorder with 60 second pre-event recording
- Password-protected user interface with an integrated locking removable drive bay, eliminating the need for an external lock box



**SAFETY
VISION®**

SPECIFICATIONS

SV-PatrolRecorder™ 4C

Video Signal	NTSC Standard
Frames Per Second (fps)	Selectable 30 fps to 1 fps
Resolution	D1, VGA, 1/4 D1 or 1/4 VGA; camera selectable
Maximum Storage Capacity	500 GB removable hard drive
External Trigger Inputs	7 input triggers plus the ignition trigger
Operating Vibration	1G at 5-500 Hz
Power Requirement	8 ~ 24 VDC
Off Power Consumption	< 10 mA
Operating Temperature	41°F ~ 131°F (5°C ~ 55°C)
Dimensions (w x h x d)	7 in. x 2 in. x 8 in. (178 mm x 51 mm x 203 mm)
Weight	5.3 lbs. (2.4 kg)

Estimated Record Time (4 cameras simultaneous)

Archive Media	FPS	Medium Compression
160 GB Hard Drive	60	35 hours
160 GB Hard Drive	30	72 hours
500 GB Hard Drive	120	370 hours
500 GB Hard Drive	60	740 hours

SV-Sony - 10X/26X Color Zoom Camera

Image Sensor	1/4-inch Sony CCD
Digital Zoom	4x/12x
Lens	Fixed (f = 1.8mm/f=2.9mm)/(f=1.6mm/f=3.8mm)
Angle of View	46° ~ 5° / 5°4 ~ 2.2°
Lux Rating	1.0 lux
Shutter Speed	1 second (frame memory ~ 1/100,000 second)
Auto Focus	Dual sensitivity auto focus algorithm

Wireless Audio Unit

Number of Channels	40 channels (2.4 GHz)
Range	1,000 feet, line-of-site
Power	12V DC power supply from inside the car
Battery	8 hrs. of operation, 25 days standby

SV-CFRC Cabin Mounted Camera

Image Sensor	1/3-inch Sony CCD
Lens	Fixed (f = 2.5 mm/f=3.6mm)
Angle of View	145° ~ 90°
Lux Rating	0 lux (with IR LED)
Shutter Speed	1/60 ~ 100,000 seconds

PatrolRecorder 4C

Mobile Digital Video Recorder System Components



PatrolRecorder 4C



Wireless audio unit



Color zoom camera



5.6-inch LCD monitor



GPS receiver



Cabin mounted camera

CORPORATE HEADQUARTERS

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Mobile video solutions for enhanced safety