

PatrolRecorder™ CF Mobile Digital Video Recorder



The PatrolRecorder™ CF provides high quality mobile digital video recording with a convenient removable CompactFlash® card for easy data retrieval. It is the ideal choice for those wanting to take advantage of the newer digital technology at an affordable price.

Ready When You Are

This rugged video recorder powers up in less than 4 seconds — so like you, it is always ready for action. With integrated GPS mapping, speed tracking and pre-event recording time of up to 60 seconds, you won't miss vital incident information.

Reliable Information

With integrated GPS mapping, speed tracking and recording, the PatrolRecorder CF reliably tracks vital information for each recorded event. You may then quickly retrieve your data by removing the compact flash card or using the optional wireless technology capability.

User Friendly

The PatrolRecorder CF can operate as an event-based or shift-based data recorder providing you with excellent picture quality, clear audio and long recording time. With a virtually hands-off interface, it is easy to use with little to no maintenance required.

Features

- Powers up in less than 4 seconds with pre-event recording time of up to 60 seconds
- Wireless 2.4 GHz audio unit activates automatically upon start up of recording
- Operates as an event-based or shift-based video, audio, and telemetry data recorder
- Integrated GPS mapping with speed tracking and recording
- No moving parts with a compact flash card feature that enables multiple data transfer options



**SAFETY
VISION®**

SPECIFICATIONS

SV-PatrolRecorder™ CF	
Resolution	Selectable 640 x 240 or 320 x 240
Frames Per Second (fps)	Selectable 30 fps to 1/8 fps
Compression	Motion JPEG compression with selectable compression ratios of 10:1, 12.5:1, 15:1, 17.5:1, 20:1
Archive Media	Type 1 compact flash support
External Trigger Inputs	7 input triggers
Camera Output	Two 12V at 1 amp regulated switched power outputs
Power Requirement	8 ~ 24 VDC
Power Consumption	< 270 mA
Operating Temperature	32°F ~ 131°F (0°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	3.1 lbs. (1.4 kg)

Estimated Record Times		
8 GB Compact Flash Card	FPS	Medium Compression
320 x 240	30	9.2 hours*
2 audio channels	20	13.2 hours*
4 GB Compact Flash Card	FPS	Medium Compression
320 x 240	30	4.6 hours*
2 audio channels	20	6.6 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 sec (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

*Record times reduced by fifty percent for high-resolution 640 x 240 mode.

PatrolRecorder CF
Mobile Digital Video Recorder System Components



PatrolRecorder CF



Wireless audio unit



Color zoom camera



5.6-inch LCD monitor



GPS receiver



Cabin mounted camera

CORPORATE HEADQUARTERS
6100 W. Sam Houston Pkwy. N.
Houston, TX 77041-5113
Main: 713.896.6600
Toll Free: 800.880.8855
Fax: 713.896.6640

www.safetyvision.com



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