

PatrolRecorder™ RHD Mobile Digital Video Recorder



The PatrolRecorder™ RHD combines a high quality mobile digital video recorder with a mobile-rated removable hard drive for extended data storage and easy 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 positioning, speed tracking and pre-event recording time of up to 60 seconds, you won't miss vital incident information.

Extended Data Storage

Able to store several shifts' worth of data, the PatrolRecorder RHD reliably tracks vital information for each recorded event. Quickly retrieve your data via the removable hard drive and USB docking station, or use the optional wireless download capability.

User Friendly

The PatrolRecorder RHD 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
- Convenient removable 2.5-inch mobile-rated hard drive capable of storing over 46 hours of data
- Operates as an event-based or shift-based video, audio and telemetry data recorder
- Integrated GPS positioning with speed tracking and recording
- Designed to operate in high-vibration environments yet reliably record data



**SAFETY
VISION®**

SPECIFICATIONS

SV-PatrolRecorder™ RHD

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	Mobile removable lockable 2.5" HD
External Trigger Inputs	7 input triggers
Camera Output	Two 12V at 1 amp regulated switched power outputs
Power Requirement	8 ~ 24 VDC
Power Consumption	< 470 mA
Operating Temperature	32°F ~ 122°F (0°C ~ 50°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)

SV-Sony - 10X/26X

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° ~ 2.2°
Lux Rating	1.5 lux/1.1 lux
Shutter Speed	1 sec (frame memory ~ 1/100,000 second)
Auto Focus	Dual sensitivity auto focus algorithm

Wireless Belt Microphone and Base

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 Back Seat 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

Estimated Record Time

80 GB 2.5" HD	FPS	Medium Compression
320 x 240	30	92 hours*
2 audio channels	20	132 hours*
120 GB 2.5" HD	FPS	Medium Compression
320 x 240	30	139 hours*
2 audio channels	20	199 hours*

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

PatrolRecorder RHD

Mobile Digital Video Recorder System Components



PatrolRecorder RHD



Wireless audio unit



Color zoom camera



5.6-inch LCD monitor



GPS receiver



Cabin mounted camera

CORPORATE HEADQUARTERS

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