

RouteRecorder® CF/CF2 Mobile Digital Video Recorder



The RouteRecorder® CF series are solid state mobile digital video recorders with a convenient removable CompactFlash® card for easy data retrieval. They offer one or two camera support and are the ideal choices for those wanting to take advantage of the newer digital technology at an affordable price.

Quality Video

The RouteRecorder CF provides you with better picture quality, clearer audio and longer recording time than analog VCR systems. These compact, rugged mobile video recorders can provide several days' worth of recording.

Reliable Information

With an optional integrated global positioning system, speed tracking and recording, the RouteRecorder CF reliably tracks vital information for each recorded event. Use this information to map the location of pick-up and drop-off points for transported students. Combined with video, you have a visual record of when and where students board or depart from the bus.

User Friendly

The RouteRecorder CF offers a password-protected user interface with an integrated lockable CompactFlash card, securing your information. The convenient faceplate directional buttons allow you to set or change the user selectable options in the menu without a computer. It is easy to use and virtually no maintenance is required.

Features

- Solid state construction designed for rough conditions providing optimal recording using a standard CompactFlash card
- A panic button allows you to quickly mark an event as it occurs for future viewing. Retrieve data easily by removing the CompactFlash card
- Mobile specific operating system for unmatched reliability that powers up in less than one second

**SAFETY
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SPECIFICATIONS

SV-RouteRecorder® CF/CF2 MDVR

Resolution	Selectable 640 x 240 or 320 x 240
Video System	NTSC
Frame Rate	Selectable 30 fps to 1/8 fps
Compression	Motion JPEG compression (5 user-selectable compression ratios)
File Format	Standard AVI
Archive Media	Type 1 CompactFlash card
External Trigger Inputs	6 input triggers
Power Requirement	8 ~ 24 VDC
Power Consumption	< 270 mA
Operating Shock Tolerance	100 G
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°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 CompactFlash Card	Cumulative FPS	Medium Compression
320 x 240	30	9.2 hours*
2 audio channels	20	13.2 hours*
4 GB CompactFlash Card	FPS	Medium Compression
320 x 240	30	4.6 hours*
2 audio channels	20	6.6 hours*

SV-830 Dome/Wedge 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
Synchronization	Internal
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

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

RouteRecorder CF Series

Mobile Digital Video Recorder System Components



RouteRecorder CF/CF2

Optional Accessories



Day/Night color dome camera (interior)



Day/Night color wedge camera (interior)



CompactFlash card reader



Exterior side-mount 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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Mobile video solutions for enhanced safety