

RouteRecorder™ CF Mobile Digital Video Recorder



The RouteRecorder™ CF is a compact, solid state, digital recording solution with no moving parts. It provides high quality mobile digital video recording with a convenient removable compact flash card for easy data retrieval. Simple to install, it is the ideal choice 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. This compact, rugged mobile video recorder can provide several days' worth of recording.

Reliable Information

With optional integrated GPS positioning, speed tracking and recording, the RouteRecorder CF reliably tracks vital information for each recorded event. The panic button allows you to quickly mark an event as it occurs for future viewing. Retrieve data easily by removing the compact flash card.

User Friendly

The RouteRecorder CF offers a password-protected user interface with an integrated locking compact flash card, securing your information. It is easy to use and virtually no maintenance required.

Features

- Solid state construction designed for rough conditions providing optimal recording using a standard compact flash card
- The unit can synchronize time and date with optional GPS satellite system and record position and speed
- Panic button to mark events for easy searching and identification with search capability
- Mobile specific operating system for unmatched reliability that powers up in less than one second

SPECIFICATIONS

SV-RouteRecorder™ CF

Resolution	Selectable 640 x 240 or 320 x 240
Frames Per Second (fps)	Selectable 30 fps to 1/8 fps
Camera Output	Two 12V at 1 amp regulated switched power outputs
Compression	Motion JPEG compression with selectable compression ratios of 10:1, 12.5:1, 15:1, 17.5:1, 20:1
External Trigger Inputs	5 input triggers
Archive Media	Type 1 compact flash support
Operating Shock	1,000G's (equivalent to a five-foot drop)
Power Requirement	8~ 24 VDC
Power Consumption	< 270 mA (without cameras)
Operating Temperature	-4°F ~ 149° F (-20° C ~ 65° C)
Weight	3.1 lbs. (1.4 kg)
Dimensions (h x w x d)	7 in x 2 in x 8 in (178 mm x 51 mm x 203 mm)

SV-BD/CD Black and White or Color Dome Camera

Image Sensor	1/3-inch interline transfer CCD
Picture Elements	250,000 pixels
Lens Focal Length Options	3.6 / 6.0 / 8.0 / 16.0 mm
Sync System	Internal
Horizontal Resolution	380 TV lines (black and white) 330 TV lines (color)
Lux Rating	0.1 lux
Signal-to-Noise Ratio	50 dB (AGC off)
Power Requirement	12 VDC
Operating Temperature	-22° F ~ 122° F (-10° C ~ 50° C)
Dimensions (w x h x d)	4.52 in. x 2.75 in. (115 mm x 70 mm)
Weight	1.01 lbs. (0.46 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*

*Record times reduced by fifty percent for high-resolution 640 x 240 mode.
Only use SanDisk Ultra® II CompactFlash® cards available in 512MB, 1GB, 2GB, 4GB or 8GB

**RouteRecorder CF
Mobile Digital Video Recorder System Components**



RouteRecorder CF



Compact Flash card reader

Optional Accessories



Interior dome camera



Audio kit for two recording channels



GPS receiver

CORPORATE HEADQUARTERS

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