

RouteRecorder[®] 2C Mobile Digital Video Recorder

The RouteRecorder[®] 2C is a compact digital video recording solution that supports two cameras for complete coverage. It provides quality mobile digital video recording and uses a removable hard drive for extended data storage. Simple to install, it is the ideal, affordable digital replacement to a VCR system.



Complete Coverage

This compact mobile video recorder supports two cameras simultaneously so you have full view of key areas. The RouteRecorder 2C provides you with better picture quality, clearer audio and longer recording time than analog VCR systems.

Reliable Information

With optional GPS mapping, speed tracking and recording, the RouteRecorder 2C reliably tracks vital information for each recorded event. The panic button allows you to quickly mark an event as it occurs for future viewing.

User Friendly

Data is easily retrieved by unlocking and removing the hard drive, then inserting it into the drive reader for computer viewing via a USB port. 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 record data using a 2.5-inch mobile rated hard drive
- Panic button to mark events for easy searching and identification with search capability up to 98x fast forward and review
- Password-protected user interface with an integrated locking removable drive bay, eliminating the need for an external lock box

SPECIFICATIONS

SV-RouteRecorder® 2C MDVR

Power Requirement	8 ~ 24 VDC
Power Consumption	< 470 mA (without cameras)
Camera Output	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
Resolution	Dual camera 320 x 240 Single camera 640 x 240
Frames Per Second (fps)	Selectable 30 fps to 1/8 fps
Operating Temperature	38°F ~ 122°F (3°C ~ 50°C)
External Trigger Inputs	7 input triggers
Archive Media	Removable 2.5-inch mobile rated hard drive (40 GB to 120GB)
Operating Shock	1G at 5-500 Hz
Weight	4.0 lbs. (1.8 kg)
Dimensions (w x h x d)	7 in. x 2 in. x 8 in. (178 mm x 51 mm x 203 mm)
Typical Record Time	40 GB hard drive with 2 cameras: 40 hrs.

Estimated Record Times

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

SV-830 Dome/Wedge Camera

Image Sensor	Standard: 1/4-inch color Sony CCD High Resolution: 1/3-inch Sony CCD
Signal Format	NTSC Standard/PAL
Lens Focal Length	2.6 / 4 / 6 / 8 mm
Minimum Illumination	0 Lux
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 2C

Mobile Digital Video Recorder System Components



RouteRecorder 2C



Removable hard drive with reader

Optional Accessories



Interior wedge enclosure



Interior dome enclosure



Exterior side-mount camera

CORPORATE HEADQUARTERS

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