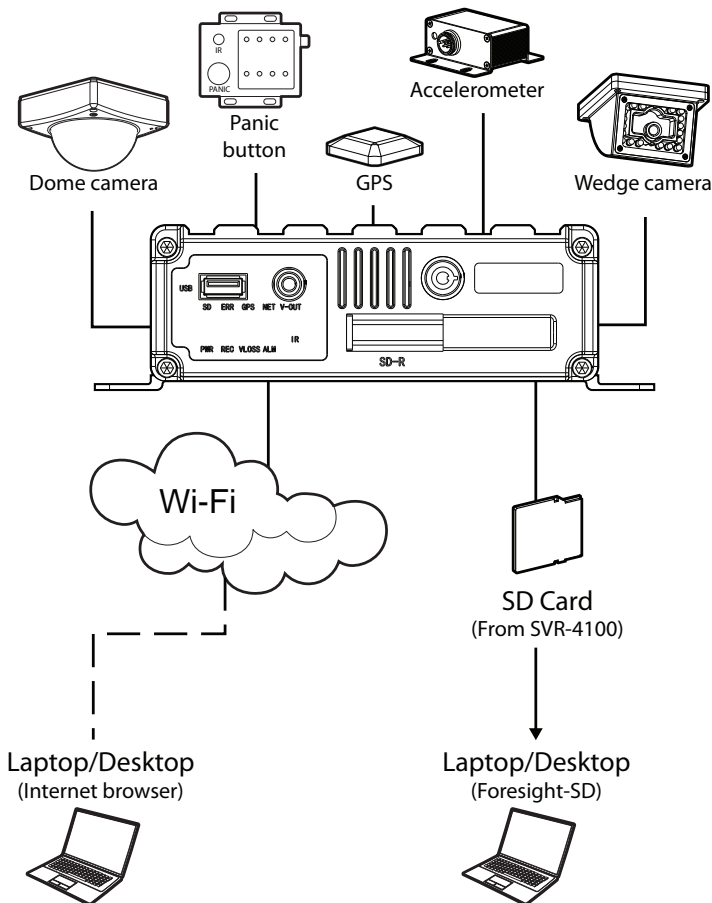


SVR-4100

4-CHANNEL SOLID STATE DIGITAL VIDEO RECORDER



The SVR-4100 is a compact, rugged, solid state DVR designed to withstand the demanding shock and vibration requirements of in-vehicle recording. The SVR-4100 records up to 4 audio/video channels, location data from built-in GPS as well as metadata from a large array of sensors –all on reliable, solid state SD cards. Combined with built-in web server, Wi-Fi and Ethernet, the SVR-4100 is the recording and communications platform fleet managers can count on.



Solid State Recording

The rugged SVR-4100 records on removable solid state SD cards ensuring reliable operation in the rough and tumble mobile environment. The system utilizes the latest H.264 video compression to record the highest quality video while maximizing storage times. Resolution, frame rate and quality settings are configurable for each channel and include separate settings for continuous and event recordings.

Flexible Access & Data Retrieval

The SVR-4100 features built-in Wi-Fi, Ethernet and web server for easy browser based access over wired and wireless networks. Recorded video and metadata on removable SD cards can be searched, sorted and reviewed by the feature rich Foresight-SD software. Foresight-SD also provides flexible export options including AVI format for playback with Windows Media Player and the unique, self-executing Miniplayer format.

Automation

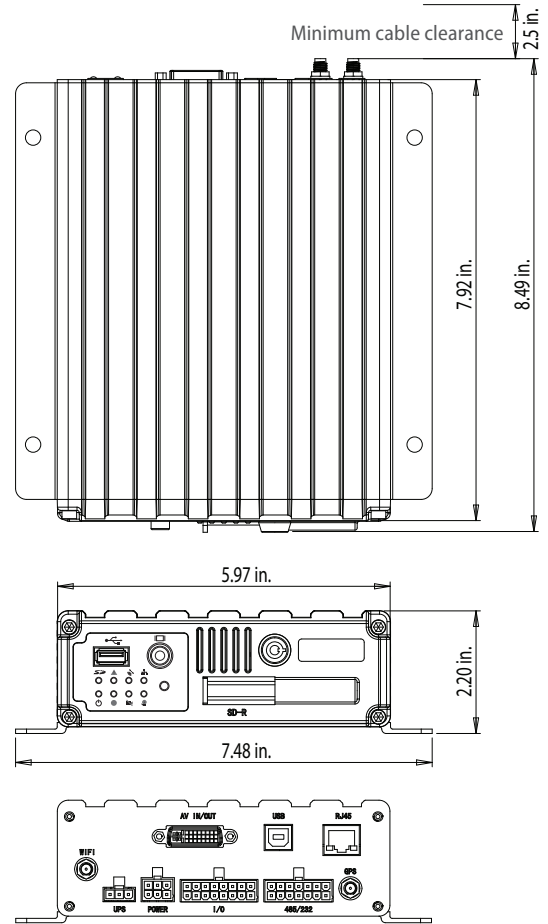
8 sensor inputs and 4 auxiliary outputs provide extensive automation capabilities on-board. Combined with 4 serial communication ports and a variety of built-in and optional sensors, fleet manager have the flexibility to create real-time notifications, alerts and proactive maintenance for their fleets.

SVR-4100

4-CHANNEL SOLID STATE DIGITAL VIDEO RECORDER

SPECIFICATIONS

SVR-4100	
OS	Embedded Real Time Linux
Configuration	IR remote (included); web browser via Ethernet port
Video Standard	NTSC / PAL selectable
Audio/Video Inputs	4 channels
Audio/Video Output	1 channel, RCA in front of unit, BNC on AV cable harness
Audio/Video Compression	H.264
Resolution*	D1 (704 x 480); Half D1 (704 x 240); CIF (352 x 240)
Frame Rate*	D1 - 60fps global; HD1 and CIF - 120fps global
Image Quality*	8 levels (1 is best)
Recording	Continuous, scheduled, event only
Bump on Alarm Recording*	Supported on all channels (resolution, frame rate & image quality)
Pre-Event Recording	Configurable up to 5 minutes
Post-Event Recording	Configurable up to 30 minutes
Substreaming	2 Configurable Modes for reduced bandwidth streaming applications
Ethernet	10/100 RJ-45 port
Wi-Fi	802.11 b/g, WPA
GPS	Synchronized location, speed and time with AV recordings
Storage	Solid State 32GB SD Card - Class 10 SDHC; 64GB option
USB	USB 2.0 on front panel for video downloads & firmware upgrades
RS-232	2 ports, screw terminal
RS-485	2 ports, screw terminal
Sensor Inputs	8 Sensor inputs + ignition
Auxiliary Outputs	4 Aux Outputs; configurable activation by any sensor
Power Input	8 - 24V DC with built-in power conditioner
Power Output	4 camera power outputs + 12V at 2A, 5V at 2A
Power Consumption	~12W depending on cameras and accessories connected
Dimensions	7.48 in. x 2.2 in. x 8.5 in. (190mm x 56mm x 215.6mm)
Weight	2.8 lbs. (1.27 kg.)
Operating Temperature	-4°F ~ 131°F (-20°C ~ 55°C)
Relative Humidity	10% - 90%



*configurable per channel and event

OPTIONAL ACCESSORIES

Additional SD cards (one included)
Accelerometer
Panic button with LED status indicator
SV-835 series of cameras (dome and wedge available)

Warranty Agreement

Safety Vision's standard warranty for new items is one year. Extended warranties and advance replacement agreements also are available. Ask your sales or customer service representative for details.

32 GB STORAGE MATRIX

Resolution	Quality	Cameras	FPS	Hours of Recording
CIF	4 - Medium	4	5	243
CIF	4 - Medium	4	10	121
CIF	4 - Medium	4	15	81
CIF	4 - Medium	4	30	40
Half D1	4 - Medium	4	5	152
Half D1	4 - Medium	4	10	76
Half D1	4 - Medium	4	15	51
Half D1	4 - Medium	4	30	26
D1	4 - Medium	2	5	190
D1	4 - Medium	2	10	95
D1	4 - Medium	2	15	63
D1	4 - Medium	2	30	32

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