

# RoadRecorder® 6000 PRO Mobile Digital Video Recorder



*The RoadRecorder® 6000 PRO is a mobile digital video recorder designed to withstand the rigorous conditions of the mass transit bus and railway environment. The system records at 300 frames per second on up to ten cameras, giving you smoother streaming video than available on other mobile digital video recording systems.*

## Fully Integrated Solution

The RoadRecorder 6000 PRO is part of a comprehensive surveillance system that can automatically collect video, audio and system-health data. So whether you just need to know system health status or require a fully integrated video collection and management method, the system is customizable to your needs.

## Extended Recording

The recorder accommodates up to a 500 GB mobile-rated hard drive and records data in a secure file format using digital encryption for authentication purposes, which prevents alteration, tampering, or unauthorized access. As available disk space fills, new information writes over the old information in a continuous loop.

## Features

- System supports up to 10 color or black and white cameras recording a total of 300 frames per second
- Has up to eight electrically isolated sensor channels and also provides 10 channels of digitized, synchronous 16-bit audio
- Records data on a mobile-rated removable hard drive canister via an MPEG4 format to ensure security and video integrity
- Central management software simplifies the process of recorder health checks, collection and management of video files



## SPECIFICATIONS

### RoadRecorder® 6000 PRO

Video Resolution	720 x 480 pixels
Frame Rate	300 fps (up to 30 fps for 10 cameras)
Camera Inputs	Up to 10 NTSC, 1 V PP
Analog Sensor Inputs	Up to 8
Monitor Output	1 NTSC
Audio	16-bit
Operating Shock	30 G (11 ms)
Continuous Vibration	1.04 G (10 Hz ~ 500 Hz)
Power Requirement	10.5 ~ 36 VDC
Operating Temperature	-40°F ~ 149°F (-40°C ~ 65°C)
Dimensions (w x h x d)	7 in. x 4.5 in. x 9 in. (114.3 mm x 177.8 mm x 228.6 mm)
Weight	9.5 lbs. (4.3 kg)

### SV-830 Dome/Wedge Camera

Image Sensor	1/4-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	420 TV Lines
Picture Elements NTSC/PAL	510 (H) x 492 (V) / 500 (H) x 582 (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

### RoadRecorder 6000 PRO



Removable hard drive reader

### Optional Accessories



SV-830 Interior Dome Enclosure



SV-830 Interior Wedge Enclosure



SV-830 Exterior Wedge Enclosure

### CORPORATE HEADQUARTERS

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# SAFETY VISION®

Mobile video solutions for enhanced safety