

ROADRECORDER® 7000S

NEXT GENERATION MOBILE NETWORK VIDEO RECORDER



The RoadRecorder® 7000S network video recorder ushers in a new era in mobile video surveillance with 12 Power over Ethernet (PoE) ports for crystal clear, high definition imaging directly from IP cameras. Designed from the ground up to withstand the vibration and shock of mobile environments, the RoadRecorder 7000S NVR records directly to a reliable solid-state hard drive to enhance connectivity with a central management system. Combined with multiple serial interfaces and ethernet ports, the RoadRecorder 7000S NVR is the recording & communications platform you can count on now and in the future.

SPECIFICATIONS

RoadRecorder 7000S

Maximum Video Resolution	1080P High-definition per camera
Maximum Framerate	30 fps per camera
Camera Inputs	12 PoE
Audio	G.711, camera dependent (up to 12)
Serial Communications	2 x RS232 1 x USB 1 x Micro USB
Network	2 x Gigabit Ethernet port
Cellular	3G, EV-DO
Accelerometer	3-axis, 0.1 G resolution
Inputs / Outputs	7 (plus ignition) / 2
Encryption	Hardware AES, DES, 3DES
Power Requirement	80 W max
Voltage Input	9 - 36 VDC
Storage Interface	SATA II
Storage	Removable 1 TB SSD SDHC card slot (up to 32 GB)
Operating Temperature	0°C - 50°C
Dimensions	19 in × 6 in × 3.5 in; 2U rack mountable
Warranty	"Gold" and "Silver" packages available

HIGH DEFINITION RECORDING

The RoadRecorder 7000S supports up to 12 high definition IP cameras with single cable connectivity utilizing PoE. With high definition recording utilizing H.264 compression, users can expect up to 9 times greater resolution compared to analog video solutions while maximizing on-board storage capacity. High definition recording benefits users by providing more pixels on target for clearer identification or using fewer cameras to provide equivalent or greater coverage compared to analog systems. And as a completely IP based solution, the RoadRecorder 7000S NVR simplifies installation and maintenance utilizing single cable, plug-and-play operation with IP cameras utilizing PoE.

SOLID-STATE HARD DRIVE

The RoadRecorder 7000S NVR uses solid-state hard drive (SSD) technology. Vibration specifications are maximized by eliminating moving parts. The SSD provides enhanced network access to critical video by allowing SafetyNet central management system (CMS) to download anytime the NVR is powered on.

SUPERIOR CONNECTIVITY

A wide range of communication and connectivity options provide anytime, anywhere access to all authorized users and maintenance personnel. Remote connectivity to the RoadRecorder 7000S NVR can be established via the Gigabit Ethernet port. A robust software ecosystem including LiveTrax vehicle tracking and video streaming service combined with SafetyNet central management system allows authorized users to check health status, create custom alerts, track vehicles, automate event downloads and much more. And with multiple serial communication ports, the RoadRecorder 7000S NVR is ready for integration with vehicle communication buses and third party applications.

SVC-2200 HIGH DEFINITION NETWORK CAMERA



The SVC-2200 series of High Definition IP cameras are compact, rugged and designed to withstand the harsh shock and vibration of mobile vehicle environments. The powerful processing architecture enables seamless networking, superior low light performance and dual streaming capabilities utilizing the latest H.264 compression schemes. Available as indoor and IP67 rated outdoor models, the SVC-2200 series is easy to install utilizing a single cable, Power over Ethernet (PoE) connection and can be tailored with custom enclosure colors to seamlessly blend with vehicle aesthetics.

SPECIFICATIONS

SVC-2200 IP Camera

Image Sensor	1/2.7 inch Progressive CMOS
Effective Pixels	1920(H) x 1080(V)
Lens Focal Length	4 mm, F1.5 2.8 mm, F2.0
Field of View	78° horizontal, 45° vertical 110° horizontal, 81.5° vertical
Minimum Illumination	0.1 Lux
Day/Night Function	IR Cut Filter
Shutter Speed	1 - 1/10,000 sec.
White Balance	Manual/AWB/ATW
Compression	Video: H.264/MJPEG Audio: G.711/G.726
Supported Resolutions	Full HD 1080p/SXGA/HD 720p/XGA/SVGA/D1/VGA/CIF
Image Settings	Brightness, Exposure, Sharpness, Contrast, White Balance, Saturation, Backlight Compensation
Custom Settings	Motion Detection, Privacy Mask, Tampering Alarm
Interface	10/100Mbps Ethernet (RJ-45)
Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Security	HTTPS, IP Filter, IEEE 802.1X
Internet Browser	Internet Explorer (6.0+), Chrome, Firefox, Safari
Connectors	RJ-45, microSDHC 32GB support
Power Source	Power over Ethernet (PoE)
Power Consumption	3.5W
Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)
Environmental	IP67 with outdoor enclosure
Dimensions	4.3 in dia. x 1.9 in (110.2 mm dia. x 47.7 mm)
Weight	0.4 lbs (180g)

*Simulated screenshot

POWERFUL IMAGING

The SVC-2200 series of IP cameras support H.264 and MJPEG compression with dual streaming capability. Streams can be configured to support resolutions ranging from CIF up to high definition 1080P to maximize recording times while capturing event videos at resolutions up to 9x greater than analog cameras. Finally, the SVC-2200 series utilizes industry leading progressive scan image sensors with outstanding dynamic range and low light capabilities to provide crisp, clear, evidentiary video in the most challenging lighting conditions.

RUGGED AESTHETICS

The SVC-2200 series come standard with rugged, low profile, polycarbonate domes and are available with indoor and outdoor rated enclosures rated to IP67. The vandal resistant cameras come standard with software based tamper alarm and are designed to eliminate exposed wiring and minimize surface area. The low profile enclosures can be further customized with color schemes to seamlessly blend with vehicle interiors and exteriors.

FLEXIBLE NETWORKING

The SVC-2200 series are designed for plug and play operation with the Safety Vision RoadRecorder® 7000 network video recorder. Using Power over Ethernet (PoE) cabling, the units are automatically powered and configured by the RoadRecorder® 7000 and require no additional programming. Additional features such as digital zoom, image flip, privacy masks, contrast, white balance, LED notification, motion detection, microSD recording and audio can be customized by authorized users directly through the built in web server of the SVC-2200.

6100 W. Sam Houston Pkwy. N.

Houston, TX 77041-5113

Main: 713.896.6600 | Toll Free: 800.880.8855 | Fax: 713.896.6640

SVC-2200

www.safetyvision.com

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