

Overview

GE Security's commitment to securing transit systems and company fleet vehicles continues with the next generation of MobileView.® The on-board MobileView 4 video surveillance and recording system is designed for buses, vans, light rail and other public transit vehicles. Now, more than ever, GE Security is helping transit systems save money by deterring crime and vandalism, helping to quickly identify culprits and disposing of meritless claims. By helping passengers feel safer and protecting against liability claims, MobileView is now standard equipment on transportation systems.

Specifically designed and ruggedized for use in the most demanding applications, MobileView 4 is the ideal mobile security digital recording system for the public transportation market. Using wireless network technologies, MobileView 4 offers both local and automated Garage Archival Management Services to facilitate capturing, storing, and transmitting of event data quickly, easily, and efficiently. All components are tested in accordance with recognized industry standards for shock and vibration to ensure a robust and cost-effective solution that protects passengers and equipment.

Building on features and popularity of the MobileView line of transit recording systems, MobileView 4 incorporates robust digital recording capabilities with mobile-specific functions of wireless download, GPS tracking and automatic time synchronization. Additional custom features include switched video out and J1587/J1708 integration.

MobileView 4 provides digital recording from up to 12 cameras mounted inside or outside the vehicle. Images are synchronized with available dual-channel audio, GPS data streams and other monitored inputs. This valuable data is kept on a removable storage caddy within the unit's rugged SAE-J1455 compliant enclosure. Recorded images and other data can be viewed from a laptop in the field, through a docking station or at a central station using a wireless network.

MobileView 4

digital recording system
for mobile applications



Standard Features

- 500GB storage for extensive data management capacity
- 12 camera inputs for complete vehicle coverage
- 120-pictures-per-second capture rate delivers high-quality video
- 500GB removable storage caddy stored in protective housing that resists moisture, tampering, shock and vibrations
- GPS tracking option keeps management aware of vehicle location
- Dual-channel audio for complete event account
- WiFi transmission option for optimal transmission to and from central station
- Embedded system platform
- Rugged, durable construction designed for transit use
- Resolution adjusts to 4CIF, 2CIF or CIF to meet application and storage needs
- J1587/J1708 compliant
- Automatic time synchronization
- Map-based vehicle tracking



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Specifications subject to change without notice.

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Specifications

Video Surveillance	
Camera channels:	12 channels NTSC
Camera frame rates	120 frames per second max.
Recording resolution	4CIF, 2CIF, CIF
Configurable compression levels	Selectable by camera
Video outputs	One, user configurable & switched
Audio inputs	Two mono
Audio outputs	Two mono
Ethernet ports	Two, 10/100Base-T
Storage capacity	250GB/500GB
Storage medium	3.5 in. HDD mounted in mobile-rated storage caddy
Clock sync methods	Via GPS or network time server
Video Search methods	Geographical (map-based), date and time
Download options	Manual or automated via wireless

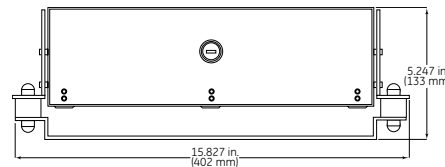
Digital Input Recording	
Digital inputs	Eight, optically isolated, 5 to 30V
Analog inputs	Four, 8-bit resolution, 0 to 30V range
Input logging rate	1 HZ
Delayed shutdown	0-99 minutes

Physical Dimensions	
	16" W x 5.5" H x 15" D
Caddy removal	8" space in front of DVR

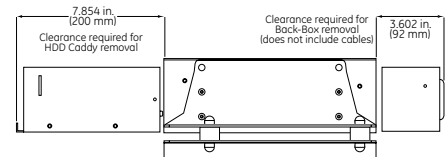
Electrical	
Voltage	18 to 30VDC (Native) 9 to 60VDC (Using custom converters)
Power	75W typical, ~3W in standby

Dimensions

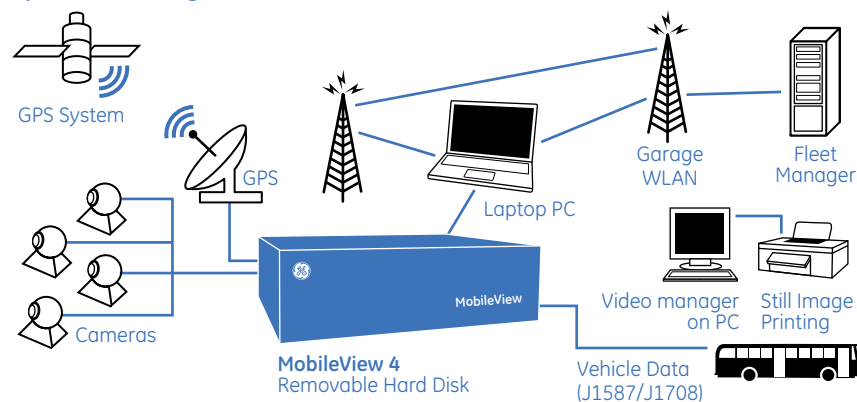
Front view



Side view



System Diagram



Wireless Lan Option

MobileView 4 may be used as a stand-alone recorder or, when equipped with wireless transmission, as a client to the MobileView Garage Management server. The Garage Management system automates many functions such as event and user-requested downloads, plus central health monitoring of client devices.

Ordering Information

Model	Description
MVQ-4400-25-00	MobileView 4, 250GB storage
MVQ-4400-50-00	MobileView 4, 500GB storage



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