RoadRunner HDX™

Ruggedized High Definition Mobile Recording System for Government and Military Video Surveillance Operations

Completely digital, the RoadRunner HDX system delivers the clearest, highest quality video and optimal network performance. Supporting PoE megapixel cameras with ruggedized M12 connectors, the RoadRunner HDX Mobile Recorder is Mil-Spec, SAE rated and EMC compatible — providing the most user-friendly and technologically advanced solution for government and military mobile video surveillance applications.

COMPLETELY DIGITAL
High definition video delivers the clearest, highest quality video. HDX provides all the high quality features of an IP system — but in a plug and play format that is easy to install (no programming or networking expertise is required).

SUPERIOR FLEXIBILITY
Supporting fleets of all types, the RoadRunner HDX system is available in several compatible and interchangeable formats for recording up to 16 cameras.

RUGGED AND RELIABLE
Designed and manufactured specifically for military and government applications, the HDX is Mil-Spec, SAE rated, and EMC compatible for proven durability and reliability in harsh mobile environments.

EXCEPTIONAL NETWORK CAPABILITIES
RoadRunner HDX provides superior video streaming capabilities, is wireless-ready for use with any TCP/IP based network, and is compatible with existing wireless 802.11 and cellular devices.

RsM (RoadRunner Secure Management) Software™

Seamless administration, remote viewing and playback of RoadRunner Recorders and DVRs.

Fleet-Wide Administration:
• Fleet-wide system updates and programming
• Health reports and email notification for events, failures, hard drive status, camera obstruction and more
• Easily export configuration information for use with other machines and /or remote sites
• Compatible with the latest RoadRunner Recorders for fleet-wide compatibility and easy management

Remote Viewing:
• View multiple vehicles and sites simultaneously from virtually any location
• Simultaneously transmit live and playback video from hundreds of video sources
• Call-back feature provides live images to a central location during emergency events

User-Friendly Search Tools:
• Search by time and date or use the advanced tools for easy searching using the interactive calendar, event, location and/or vehicle speed
• Location-based search tools feature historical map location and speed data

Secure Video Clips:
• Create secure, tamper-proof video clips with optional password-protection to restrict viewing access
• Archived video clips are encrypted and include an embedded player — no downloads or software required for viewing

Customizable:
• All functions are password protected with adjustable access rights for up to 256 users and 64 groups
• Auto-Connect and 'Favorites' features provide instant access to most frequently viewed sites
• Adjustable display and multi-screen support provides customizable viewing panes

Included:
• No additional charge
• License-free for unlimited users
• Lifetime updates at no additional charge

RoadRunner HDX™ High Definition Mobile Recording System

Designed specifically for use in mobile military and government applications, the steel-constructed RoadRunner HDX Mobile Video Recorder is Mil-Spec, SAE rated and EMC compatible for proven durability and reliability in harsh environments. The HDX System is easy to use and install, provides superior high definition video quality and delivers years of reliable operation with the lowest cost of ownership. With support for PoE megapixel and analog cameras, RoadRunner HDX systems support up to 16 cameras and 18 audio inputs.

Standard Features:
• Mil-Spec and SAE rated for shock and vibration
• ECM compatible with the lowest rated emissions for sensitive military applications
• Four dual or eight single cameras; 2 audio inputs
• PoE megapixel cameras with sealed, all-weather M12 connectors
• Removable storage with options for redunant solid state dual drives
• High definition recording up to 1280x720 — adjustable for each camera
• Recording rates up to 480 HD images per second (ips) plus an additional 480 W-CIF ips, system-wide
• Built-in three-axis accelerometer
• Interactive speed and mapping interface provides easy searching built-in or external GPS receiver
• Integrated event switch with 'heartbeat' health indicator
• License-Free RsM™ (RoadRunner Secure Management) Software included for easy remote viewing, playback and administration

• Video is encrypted to ensure authenticity
• Wireless-ready for use with any TCP/IP based network
• Fully compatible with ViM (Vehicle Information Management) Software for fleet-wide management,advanced chain of custody reporting, healthmonitoring and more
• Included RsM Software is backward compatible with the latest standard RoadRunner systems, providing a seamless, fleet-wide solution
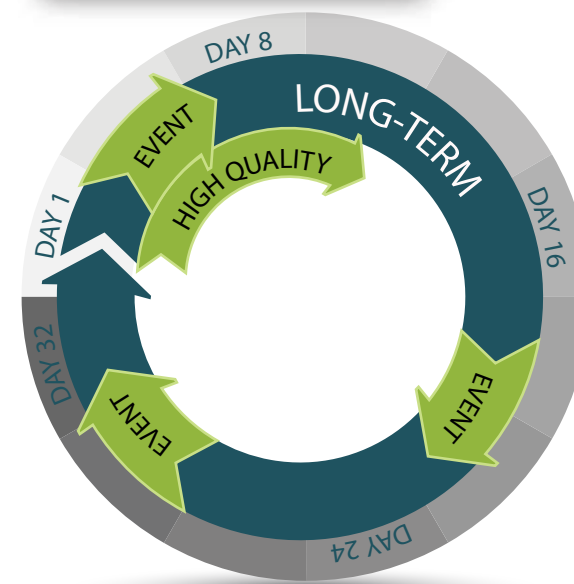
360° COVERAGE

IDEAL FOR ALL VEHICLE TYPES
The RoadRunner HDX system features several high definition interior and exterior camera options designed for 360° video coverage for all vehicle types. All systems are fully compatible, interchangeable and utilize the same software — regardless of the numbers of camera supported, providing an ideal fleet-wide solution for fleets of all vehicle types.

Optimal Quality Recording:
Provides the perfect balance of high definition recording and long-term storage. High definition and long-term video streams are recorded simultaneously, ensuring the highest quality video is available for critical incidents while maintaining the longest onboard recording duration.

Completely adjustable and customizable to your recording needs — a slider bar automatically calculates estimated storage for both High Quality and Long-Term Recording streams.

DAY 8 · DAY 1 · DAY 32 · DAY 24 · DAY 16 · LONG-TERM · HIGH QUALITY · EVENT

1280 x 720

EVENT AND HIGH QUALITY RECORDING
Captures short-term video for critical events at the highest resolution, delivering the clearest, high definition for essential video evidence.

&

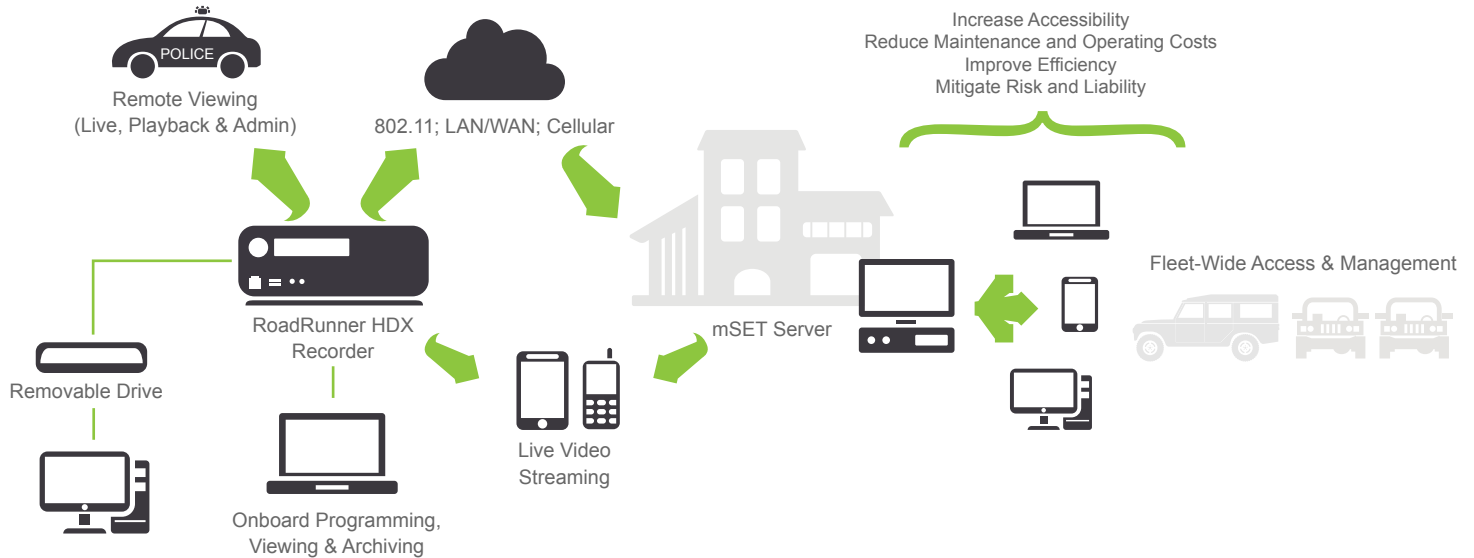432 x 240

LONG-TERM RECORDING
Simultaneously records standard definition for an extended period of time storing long-term video for weeks or months to easily fulfill data retention requirements.

System Diagram

Remote Viewing
(Live, Playback & Admin)

802.11; LAN/WAN; Cellular

RoadRunner HDX
Recorder

Removable Drive

Onboard Programming,
Viewing & Archiving

Live Video
Streaming

mSET Server

mSET
Managing Safety & Efficiency in Transit

Increase Accessibility
Reduce Maintenance and Operating Costs
Improve Efficiency
Mitigate Risk and Liability

Fleet-Wide Access & Management

RoadRunner HDX™ PoE Cameras

Designed for the most stringent government and military environments

HD Panoramic Camera
• High Definition
• Auto-Connect
• ECM Compatible
• Compact Design
• IP67
• Panoramic Video
• Dual Camera Modules
• IR Illumination - Day/Night Operation

Lightbar Dual HD Camera
• High Definition
• Auto-Connect
• ECM Compatible
• IP67
• Panoramic Video
• Dual Camera Modules
• IR Illumination - Day/Night Operation
• Discreet Video Surveillance with Flashing Light Bar

Mini HD Camera
• High Definition
• Low profile, discrete visibility
• ECM Compatible
• IP67
• IR Illumination - Day/Night Operation

Anti-Terrorism Technology
RoadRunner HD, RoadRunner MRH and ViM Software has been designated as qualified anti-terrorism technology by the Department of Homeland Security.

RoadRunner HDX™ Rapid Deployment Kit

Rapid Deployment Kit
• Pelican case
• Recorder
• High definition cameras
• Cellular Router with Antenna
• GPS with serial connection
• Power cable, including Smart
  Start and alternative power supply
• Event Button

APOLLO
Apollo Video Technology

RoadRunner HDX™

Features and Specifications are Subject to Change without Notice.
v 1.1