ROADRUNNER™ AHD
ON–BOARD VIDEO SECURITY SYSTEM

FEATURES

- Hybrid system supports up to 16 analog HD cameras and up to 6 audio inputs; up to 4 IP cameras
- Records up to 240 images per second (ips) at full HD resolution (1080p), and an additional 240 ips at D1 resolution
- Months of on-board recording with removable storage, up to 10TB
- Optimal network performance with H.265 compression and wireless-ready for any TCP/IP based network
- Fully compatible with mSET (Managing Safety and Efficiency in Transit) Software for fleet-wide management, advanced chain of custody reporting, health monitoring and more

SUPERIOR FLEXIBILITY

Supporting complete fleets of all vehicle types, the system is available in several compatible and interchangeable formats. A combination of IP and analog HD cameras can be utilized for recording up to 16 cameras.

FULL HD QUALITY VIDEO

The RoadRunner AHD system records high definition video, recording each camera up to 1080p. Excellent zoom capabilities capture license plates and other details with exceptional clarity, while maintaining up to months of on-board storage retention.

RUGGED AND RELIABLE

Designed and manufactured specifically for transit applications, the RoadRunner Recorder is Mil-Spec and SAE rated for proven durability and reliability in harsh mobile applications.

LUMINATOR
TECHNOLOGY GROUP

ROADRUNNER AHD
ON-BOARD VIDEO SECURITY SYSTEM

Intuitive and easy-to-use software provides full management of mixed fleets, live video streaming, health information and more.

SECURE ADMINISTRATION

Included with the RoadRunner system is software to support seamless administration, configuration, health information, remote viewing and archiving of secure video clips.
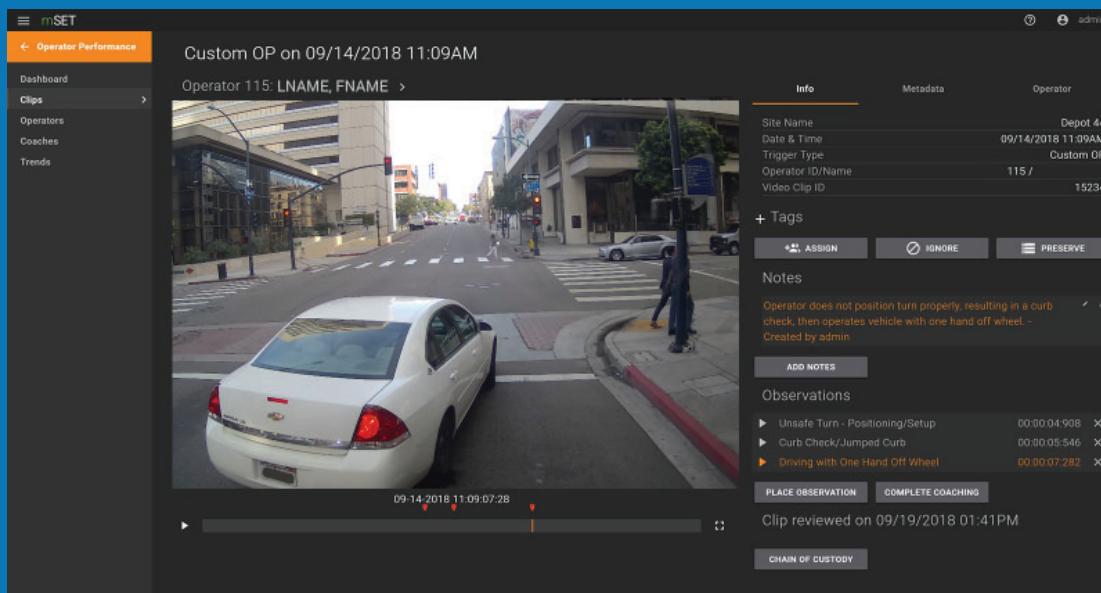
RoadRunner Secure Management (RsM) Software supports all RoadRunner Recorders and features:

• Interactive map-based search tools with historical location and speed data
• All functions are password protected with adjustable access-rights for up to 256 users and 64 groups
• Adjustable display and multi-screen support allows for customizable viewing panes and selection of 'favorites' for easy access
• Access for unlimited users and lifetimes updates are provided at no additional charge

FLEET-WIDE MANAGEMENT

Optional mSET™ Software provides all the information and tools required to proactively manage on-board video systems. Streamlining data from multiple generations of RoadRunner on-board video security systems, mSET provides enhanced tools to automatically and on-demand download and archive video, supply advanced video streaming capabilities, optimize system health and maintenance, improve operator performance, enhance safety, and mitigate risks.

Building upon years of experience and feedback from transit bus and rail agencies around the globe, mSET is a multi-functional application that features an innovative, browser-based user interface that is designed to increase accessibility of video and data through transit operations.

DUAL RECORDING PROVIDES THE PERFECT BALANCE OF VIDEO QUALITY AND LONG-TERM STORAGE

High quality 1080p and 720p video streams are recorded simultaneously, ensuring the highest quality video is available for review of critical incidents while maintaining the longest onboard recording duration. Storage is completely adjustable and customizable to your recording needs — the system automatically calculates estimated storage for both high quality and long-term recording streams.

RoadRunner AHD Forward-Facing Camera

SECURE VIDEO EVIDENCE

- Video is encrypted to ensure authenticity
- Password protection can be applied to individual video clips to ensure secure transfer to third parties
- Embedded player provides secure and efficient review of video without the need to download any software or players
- Enhance the chain of custody with the optional mSET Software, to track all actions associated with each video clip

ROADRUNNER AHD
ON-BOARD VIDEO SECURITY SYSTEM

Customize a system to best fit each vehicle type in your fleet – a variety of options and accessories are available to support virtually any mobile application.

ROADRUNNER AHD CAMERAS
RoadRunner system cameras are specifically designed and manufactured for transit applications.

AHD FORWARD-FACING
Optimized for installation at the front windshield, the AHD forward-facing camera records the driver's perspective and all details in front of the vehicle, including license plate numbers. Forward-facing cameras are available in two (2) formats, for compact mounting, or a fully-adjustable model for larger transit vehicles.

AHD INTERIOR DOMES
Providing optimal views from various mounting locations, interior domes are vandal-resistant and feature 1080p resolution. Interior cameras are also equipped with IR illumination to record high quality video in low-light conditions and feature built-in microphones for audio recording.

AHD EXTERIOR CAMERAS
Available in several models to best capture the exterior views on virtually any transit vehicle, our exterior dome and wedge cameras feature 1080p resolution, are IP66 rated and vandal-resistant.

IP, 360° AND LOW-PROFILE CAMERAS
With the addition of a PoE switch, the AHD Recorder can support IP cameras. The 360 degree cameras feature 5MP resolution and a wider field of view, maximizing coverage and eliminating blind spots. Low-profile options supply camera views for covert locations.

OPERATOR AND INDIVIDUAL DISPLAYS

An operator display can be added for the driver to show the back-up camera while the vehicle is in reverse. Or add passenger awareness displays throughout the vehicle to display the live video feed. Monitors are available in sizes ranging from 8 to 15 inches to fit a variety of uses and vehicle types.

BACK UP POWER OPTIONS PROVIDE ADDITIONAL DATA PROTECTION

An Uninterruptible Power Supply (UPS) is available with battery back-up to provide up to 15 minutes of recording time after power loss.

The Power Loss Data Protector provides an efficient alternative to a UPS, ensuring video is written to the disk, even in the event of a direct impact.

A robust solution to enhance safety and security, designed to increase efficiency of transit operations.
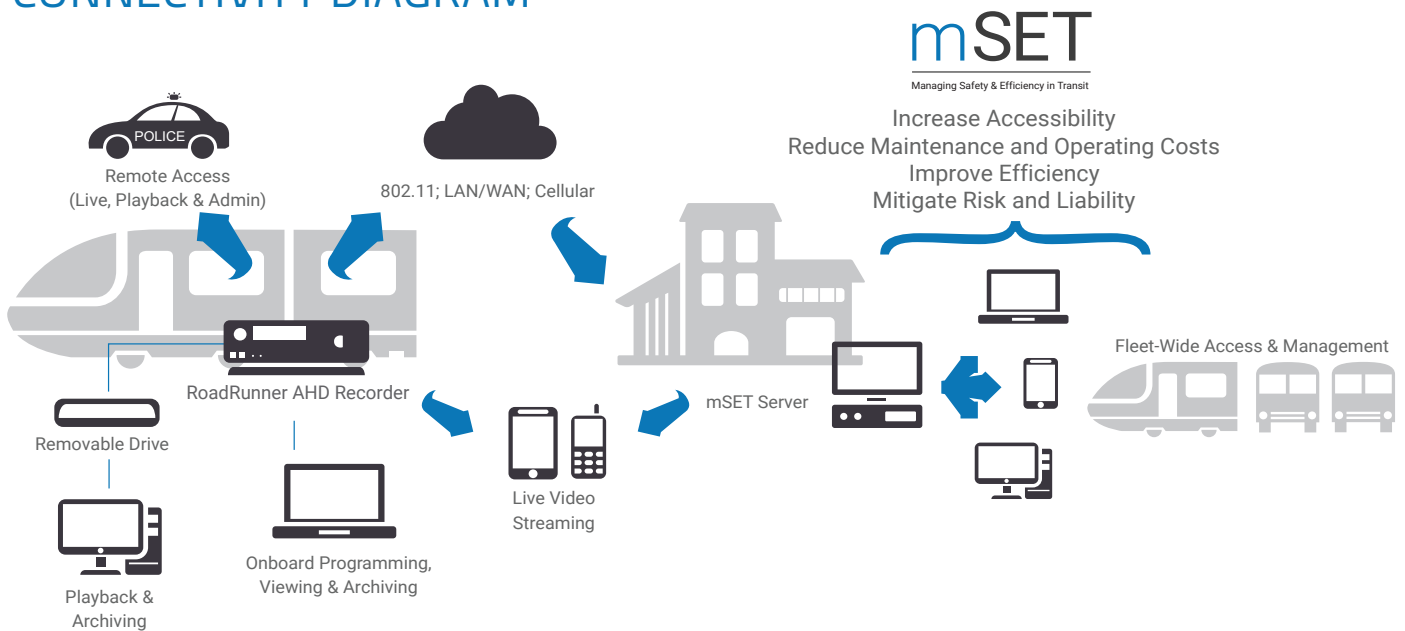
ROADRUNNER AHD
ON-BOARD VIDEO SECURITY SYSTEM

CONNECTIVITY OPTIONS

- Add the embedded 802.11ac module for low-cost and efficient access to the Recorder and the ability to download video over Wi-Fi networks. An optional Wi-Fi antenna includes GPS data.
- Ideal for live video streaming, optional ruggedized cellular routers feature 802.11ac and 5-in-1 antennas for easy connectivity and installation. Cloud management makes for simple deployment, monitoring, and fleet-wide updates.

INTELLIGENCE, SAFETY AND EFFICIENCY IN TRANSIT

CONNECTIVITY DIAGRAM

mSET
Managing Safety & Efficiency in Transit

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

POLICE

Remote Access
(Live, Playback & Admin)

802.11; LAN/WAN; Cellular

RoadRunner AHD Recorder

Removable Drive

Playback & Archiving

Onboard Programming, Viewing & Archiving

Live Video Streaming

mSET Server

Fleet-Wide Access & Management

Features and Specifications are Subject to Change without Notice   BOVS2004R01

LUMINATOR
TECHNOLOGY GROUP