School Bus
Motorcoach
Shuttle
Transit
Waste Management
Trucking
Rail
Fleet
Ambulance
Fire Truck
Taxicab
Limousine

engineered for serious surveillance
REI is Superior

- one source for fully integrated surveillance & software solutions
- more than 80 years of experience in the mobile market
- products & software are designed, engineered & manufactured in the U.S.
- flexible & expandable software solutions to complement REI hardware
- 24/7/365 Technical Support
- 48-Hour Surveillance Exchange Program - receive a replacement product within 48 hours - use it while returned item is being repaired
- Triple-Stream Technology – record 3 customizable resolutions of video simultaneously, then delete or store selected video in lower resolutions to conserve hard-drive or SD card space
are the brains behind the beauty of high-definition views. Lightweight, durable and loaded with extraordinary features, HD5 Series DVRs record crystal-clear video, audio and vehicle data on removable hard drives. Connect up to 12 surveillance cameras to capture stunning views in and around vehicles. Recording times may be preset or activated when vehicles are started.

Benefits

- Backward compatibility – save money due to 100% compatibility with all existing REI HD Series cables, cameras, peripheral devices & brackets
- Versatile – connect up to 12 HD cameras for total coverage in and around vehicles
- Expandable – swap the communication module for easy upgrades when available
- Enhanced clarity – see the smallest details with true 1080p high definition available on all channels
- Durable – vibration dampening integrated into hard-drive housing
- User-friendly – configure for iOS/Android™ tablet, smartphone or laptop
- Dependable – operate to -40°F with integrated heater
- Security – maintain privacy with steel rear cover & locking front cover (both optional)
- Safety – count on consistent, regulated power to all cameras, external devices & peripherals

Features

- High-definition (1080p) video on all channels
- Ultra HD (4K) IP channels
- 4G cellular (optional)
- Fast 802.11n Wi-Fi (optional)
- Panic button (optional)
- Full-frame rate up to 30fps/channel
- H.264 triple streaming
- Accelerometer (optional)
- Up to 2TB hard drive or solid-state hard drive (optional)
- Up to 256GB SD card (optional)
- Lockbox (optional)
- Extruded aluminum chassis
- Fanless design
Wireless Setup

Freedom is paramount. REI’s wireless setup allows users to conveniently program and review camera angles without being tied to a DVR. Smartphones, tablets or laptops may be used while moving around to determine the best, most advantageous interior and exterior views. Setup requires the DVR tool kit and optional Wi-Fi dongle.

Better Bit Rate

is what makes views sizzle. Higher bit rates mean sharper images, enhanced colors and exceptional resolution. REI offers the highest bit rate in the industry.

Triple-Stream Technology

enables users to view, access and balance the need for HD video vs. preserving an exponentially larger amount of lower-resolution video. Customize the quality and space needed for any application.
Built to thrill, REI cameras deliver stunning images from any angle. Choose from a variety of high-resolution styles, focal lengths and fields of view. From narrow 21˚ cameras for capturing license plates to 170˚ models for capturing everything between bus seats, REI has customizable color cameras to attain whatever views are needed. No other company offers views as wide.
Features

- Sharp, higher-quality views in true 720p & 1080p resolution
- 170° interior views – the widest in the industry
- The industry’s best, vertical interior views that cover complete window lines from both sides of the bus
- Clear, driver’s POV footage with new windshield-mount IP camera
- Exterior views of bus surroundings
- License plate views of stop-arm violators
- Night views with infrared technology
vms software

FEATURES

Blur - protect privacy of selected passengers

Save - store video in a proprietary format to maintain chain of custody or convert to AVI files for sharing

Graph - display speeds, g-forces and temperatures of DVRs and hard drives
**Snapshot** - take a still photo that is easy to share

**Zoom** - see the smallest details

**GPS** – view on map where buses have been and where they are going. Users may click on routes to see the associated video.

**Info** – obtain details about DVRs, GPS coordinates and speeds, and monitor inputs of buses

**safety through innovation**
accessories

**Panic Button**
Depress it to capture and instantly mark any moment, incident or violation.

**GPS Mapping**
Track and obtain GPS satellite data about buses and their routes: where they have been, where they are going, their speeds and current locations. Ask about REI's powerful GPS antennas.

**Sensor Harness**
Monitor up to 8 inputs, such as turn signals, brakes and doors, to ensure that they are working properly.

**Accelerometer**
Screen and measure hard braking and excessive acceleration incidents.

**DVR Endcap**
Add protection from vandalism or other security concerns with heavy-duty, front- and rear-end caps or a lockbox.

**J1939 CAN-BUS Cable**

**A.R.M.O.R. Software Suite**
View and search video as well as access a variety of vehicle data such as hard braking, speeding, geofence violations and panic button presses. A.R.M.O.R. is the foundation of REI's mobile video surveillance solutions that is easily customized for specific users, incidents, drivers and other vital options.

**Wi-Fi Dongle**
Enable wireless connection from HD5 DVRs to smartphones, tablets or laptops. Use it to program cameras, confirm that a DVR is functioning according to specifications, verify camera status and more.
Street-smart with unprecedented performance, REI’s industry-leading 3D 360° technology offers superior visibility for parking and maneuvering in difficult situations. Access comprehensive, exterior coverage with panoramic, bird’s-eye and high-angle 3D views that switch automatically to show turn and lane-change surroundings. No one else has views this complete.

Benefits
- Prevent vehicle damage
- Reduce liability claims
- See small details with 720p HD video
- Connect to any monitor

forward-thinking technology