

BUS-WATCH[®]

Digital Video Surveillance



REI



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What is BUS-WATCH Digital Video Surveillance?

REI's BUS-WATCH Digital Video Surveillance provides video evidence of the activities occurring with, on and around your vehicle. Ultimately, safety is the main concern. Think of it like a "black box" for airplanes. The system encourages a safe environment for passengers, drivers and equipment.

How it Benefits You

REI's BUS-WATCH Digital Video Surveillance system collects video and audio data through strategically positioned, high resolution color cameras with built in microphones. The driver simply has to turn on the vehicle for the system to start. The data is then transferred to the REI mobile DVR's hard drive or SD card.



REI offers a variety of DVRs to meet your needs. Whether you want to record hours or days of video, REI has the DVR for you. You can customize your record times or simply start your bus to begin recording.

In addition to customizing record times, you can easily mark events within the BUS-WATCH software.

Examples:

1. Is your vehicle over its designated speed?
2. Was excessive braking applied?
3. Did the vehicle experience a large shock/bump?
4. Was the stop arm not utilized?
5. Was the door open or closed?
6. Is your vehicle on its designated path? REI's GPS antenna receiver provides GPS mapping using Google Maps or BUS-TRACKER.
7. Record for up to 10 hours after the bus is shut off.

Choosing the Right Solution:

The BUS-WATCH Digital Video Surveillance system consists of a DVR, camera(s) and user-friendly software. An REI representative or dealer can assist you with putting together a system that's right for you. Whether you need longer recording time, cameras on the outside and inside of your vehicle, a panic button, GPS mapping or additional accessories, REI has the solution for you.

Many systems in the market are very similar, but it's the after-sale support that sets REI apart from the competition. REI sales and customer service teams are dedicated to serving you years after the sale. We simply don't sell a system and walk away. We want you to be a satisfied REI customer for life.

Why REI's DVRs and Hard Drives are Superior:

- REI has been a technology leader for over 70 years. We have tested, retested, and even tested our products again to ensure they are of the highest quality and value. We know safety and performance is of utmost importance.
- REI builds a solid, durable, fully enclosed DVR without a fan. Why? The fan simply allows dust and dirt to get into your system and ultimately renders the DVR useless.
- REI's hard drive is engineered to "float" within the solid, durable frame. This industrial grade mounting design protects the hard drive by absorbing the shocks and vibrations of the road.
- REI DVRs can endure the harshest of weather conditions. Each of our DVR's hard drives include an internal heater to ensure optimal performance in the most severe environments.
- Options, options, options. REI provides a variety of DVRs and optional accessories and/or features to meet your needs. Whether you're looking for long or short recording times or an easily transportable memory unit, we have a DVR for you.
- 24-7 Technical Support. REI's own employees personally handle technical support day and night. Call Technical Assistance - 877.726.4617 or 402.339.2200 ext 419.

Software

GPS*: Standard-Google Maps for basic mapping.

Upgrade-BUS-TRACKER for advanced/interactive mapping.

*REI's GPS antenna receiver is required.

Calendar

Navigate to see the standard or marked video on the date of your choice.

Video Clip

View in easy to use 15 or 30 minute intervals.

Example of flagged occurrence using driver activated panic button.

Camera Channels- Up to 8 Independent Channels of Video & Audio

View one to eight channels simultaneously.

Source Selection- Wired or Wireless

Choose to view through a wired or wireless network.

Display Controls

Manage your personal preferences.

Information Display (Multiple Options: Speed, Signals, Lights, Location, Time, Inertia, etc.)

Mark specific events.



Playback Controls

Control video playback at your fingertips.

REI's BUS-WATCH software is state-of-the-art, yet very easy to use. The BUS-WATCH software enables you to:

- Search, view, and/or back-up video stored on a BUS-WATCH Hard Drive, SD card or previously downloaded or captured video stored on the host PC or server.
- Clearly and precisely view the surroundings being recorded by the high resolution cameras placed strategically around your vehicle.

To enhance the safety and security of your vehicles and passengers, REI offers GPS mapping. This is a simple plug and play upgrade that lets you see exactly where your vehicle is located, the speed it's traveling, and determine if it is on-time to the next location. REI offers Google Maps standard with our software. If you require advanced, interactive GPS mapping, upgrade to REI's BUS-TRACKER.

REI's BUS-WATCH software will have you in control in no time.

DVRs

SD40 DVR - Up to 4 Camera Channels with 32GB SD Card Storage

PART#	QTY	DESCRIPTION
SD40-1	1	SD40 with 1 Color Camera
SD40-2	1	SD40 with 2 Color Cameras
SD40-3	1	SD40 with 3 Color Cameras
SD40-4	1	SD40 with 4 Color Cameras



SD40 PRODUCT FEATURES

- Connect from 1 to 4 Cameras
- Optional Wi-Fi Module
- Compact & Lightweight
- Durable Extruded Aluminum Housing
- Fanless - Quieter, Cleaner, Extended Product Life
- Easy to Use BUS-WATCH Viewing Software
- Built-in Heater for Cold Climate Operation
- H.264 Video Compression
- Solid State 32GB REI SD Card

R4001 DVR - Up to 4 Camera Channels with Removable 320GB Hard Drive Storage

PART#	QTY	DESCRIPTION
769004-1	1	R4001 with 1 Color Camera
769004-2	1	R4001 with 2 Color Cameras
769004-3	1	R4001 with 3 Color Cameras
769004-4	1	R4001 with 4 Color Cameras



R4001 PRODUCT FEATURES

- Connect from 1 to 4 Cameras
- Optional Wi-Fi Module
- Versatile Mounting
- Integral Hard Drive Dampening
- Durable Extruded Aluminum Housing
- Fanless - Quieter, Cleaner, Extended Product Life
- Built-in Heater for Cold Climate Operation
- Easy to Use BUS-WATCH Viewing Software
- GPS: BUS-TRACKER Mapping Software

R8001 DVR - Up to 8 Camera Channels with Removable 320GB Hard Drive Storage

PART#	QTY	DESCRIPTION
769008-1	1	R8001 with 1 Color Camera
769008-2	1	R8001 with 2 Color Cameras
769008-3	1	R8001 with 3 Color Cameras
769008-4	1	R8001 with 4 Color Cameras
769008-5	1	R8001 with 5 Color Cameras
769008-6	1	R8001 with 6 Color Cameras
769008-7	1	R8001 with 7 Color Cameras
769008-8	1	R8001 with 8 Color Cameras



R8001 PRODUCT FEATURES

- Connect from 1 to 8 Cameras
- Optional Wi-Fi Module
- Versatile Mounting
- Integral Hard Drive Dampening
- Durable Extruded Aluminum Housing
- Fanless - Quieter, Cleaner, Extended Product Life
- Built-in Heater for Cold Climate Operation
- Easy to Use BUS-WATCH Viewing Software
- GPS: BUS-TRACKER Mapping Software

Cameras



Wedge Cameras - High Resolution Series with Day/Night Viewing and Microphone

PART#	QTY	DESCRIPTION
710185	1	2.8mm Lens
710187	1	4.0mm Lens
710188	1	6.0mm Lens
710189	1	8.0mm Lens



Camera shown with optional Illuminator

Dome Cameras - High Resolution Series with Microphone

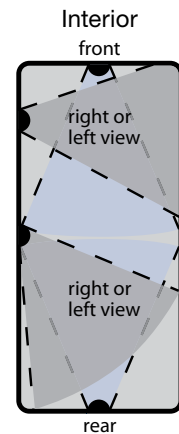
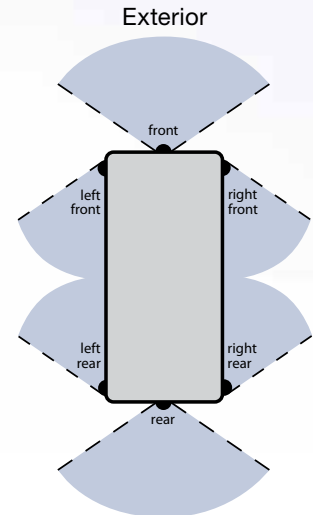
PART#	QTY	DESCRIPTION
710265	1	2.8mm Lens
710267	1	4.0mm Lens
710268	1	6.0mm Lens
710269	1	8.0mm Lens
710264	1	Day/Night Illuminator



MiniBox Cameras - High Resolution Series with Day/Night Viewing and Microphone

PART#	QTY	DESCRIPTION
710185	1	2.8mm Lens
710187	1	4.0mm Lens
710188	1	6.0mm Lens
710189	1	8.0mm Lens

Standard Camera Mounting Options



Right Front / Left Rear Mount



Exterior Side Mount Cameras

Right Front/ Left Rear PART#	Left Front/ Right Rear PART#	QTY	DESCRIPTION
710287	710297	1	4.0mm Lens
710286	710296	1	6.0mm Lens
710289	710299	1	8.0mm Lens
710284	710294	1	12.0mm Lens
710288	710298	1	16.0mm Lens

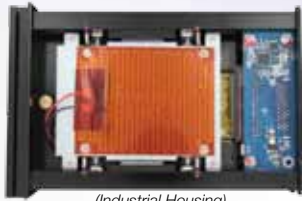
Left Front / Right Rear Mount



Accessories



Hard Drive



(Industrial Housing)



Wireless Bridge



GPS Antenna Receiver



Inertia Sensor -
Accelerometer 10G



Panic Button



SD Card



USB SD Card Reader



Monitor Installation Kit



SD40 Security Cap-Front



SD40 Security Cap-Rear



SD40 shown with Security Caps.
Security Caps also available for
R4001 & R8001 DVRs.

PART#	QTY	DESCRIPTION
710200	1	Hard Drive - 320 GB SATA
710207	1	Hard Drive - 500 GB SATA
750240	1	Wireless Bridge Kit 802.11G
710214	1	GPS Antenna Receiver/SIRF3 with 16' Cable
710192	1	Inertia Sensor - Accelerometer 10G
511986	1	20' BUS-WATCH® Harness with Alarm/Panic Button
512023	1	40' BUS-WATCH® Harness with Alarm/Panic Button
690633	1	SD Card - 32 GB
690647	1	USB SD Card Reader
750207	1	Monitor Installation Kit

PART#	QTY	DESCRIPTION
750243	1	SD40 Security Cap - Front
750244	1	SD40 Security Cap - Rear
750202	1	Security Cap Kit - Front & Rear
750203	1	Security Cap - Front
621005	1	PC Viewing Software for BUS-WATCH®
710133	1	BUS-WATCH® Lockbox
530076	1	6' Cable - USB 2.0
512208	1	50' Vehicle Sensor Harness
512209	1	20' Vehicle Sensor Harness
530068	1	3' Cable - Network Crossover CAT5E
512246	1	Cable - Exterior Camera Adapter

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