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2023

MOBILEMULE™ SERIES
MOBILE DVRs FROM REAR VIEW SAFETY
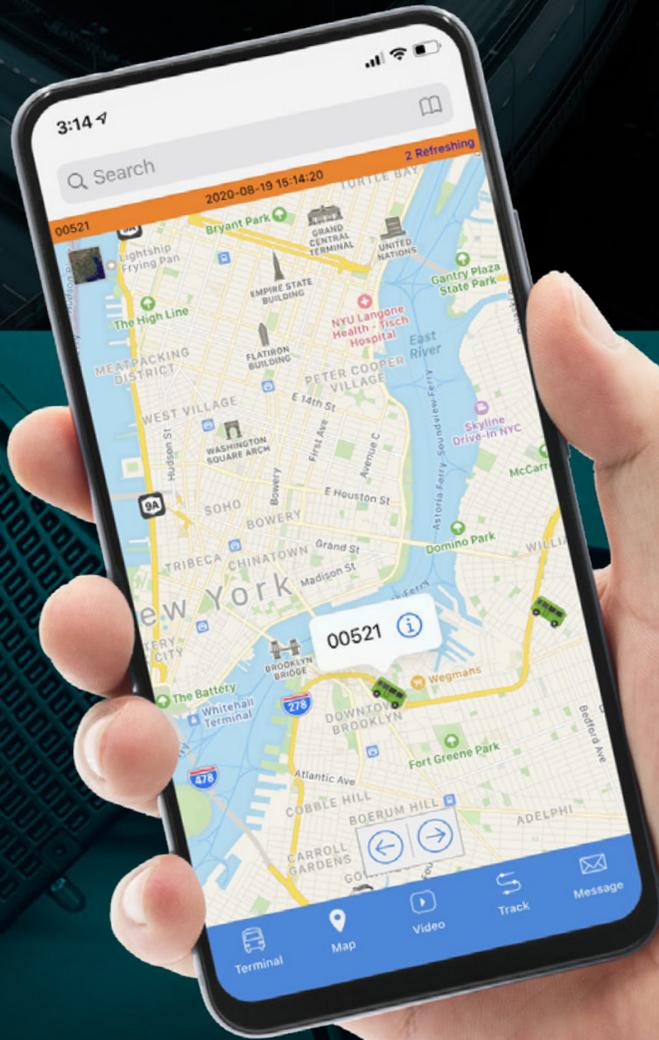
RVS

A Safe Fleet Brand

ENGINEERED FOR VEHICLE SAFETY™

WHY REAR VIEW SAFETY?

We believe in making the world a safer place. Safer for drivers, because we care about people.
We do this by having a deep understanding of the vehicle safety field, and by using only the highest quality materials and technology.
We create, innovate and manufacture vehicle safety solutions that continue to save lives and help reduce your operational costs.

OUR MISSION
At Rear View Safety we make the roads a safer place by providing our drivers with the highest quality and most personalized vehicle safety solutions.

PART OF THE SAFE FLEET FAMILY
Rear View Safety was recently acquired by Safe Fleet, who manage a large portfolio of industry leading brands focused on improving operator, pedestrian and driver safety. Now part of a strong team of companies that develop, manufacture and sell complete safety solutions for fleet vehicles on a global scale, Rear View Safety is ready to once again redefine the market using their unique understanding of how safety and technology are quickly coalescing in the automotive industry.

Rear View Safety, 1797 Atlantic Ave., Brooklyn NY 11233
800.764.1028 sales@rearviewsafety.com
www.rearviewsafety.com

SAFE FLEET
Driving Safety Forward™

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WHY YOU NEED A MOBILE DVR

PROTECT YOURSELF

- Eliminating blind spots = safer driving
- Record and protect footage even when vehicle is off or loses power
- Footage is secure in the event of a fire with optional fireproof case
- Email Alerts - set triggers to send automatic emails
- Know where operators are at all times

LOWER INSURANCE

- Indisputable video evidence of accidents (perfect for court or insurance purposes)
- Avoid bogus claims against your operators
- Prevent accidents and protect your reputation

SAVE MONEY

- Average fleet accident costs over $74,000
- Accidents = missed revenue, reduced productivity and costly damages
- ROI increases for every year you use the systems
- Operators will drive better when they know they are being watched

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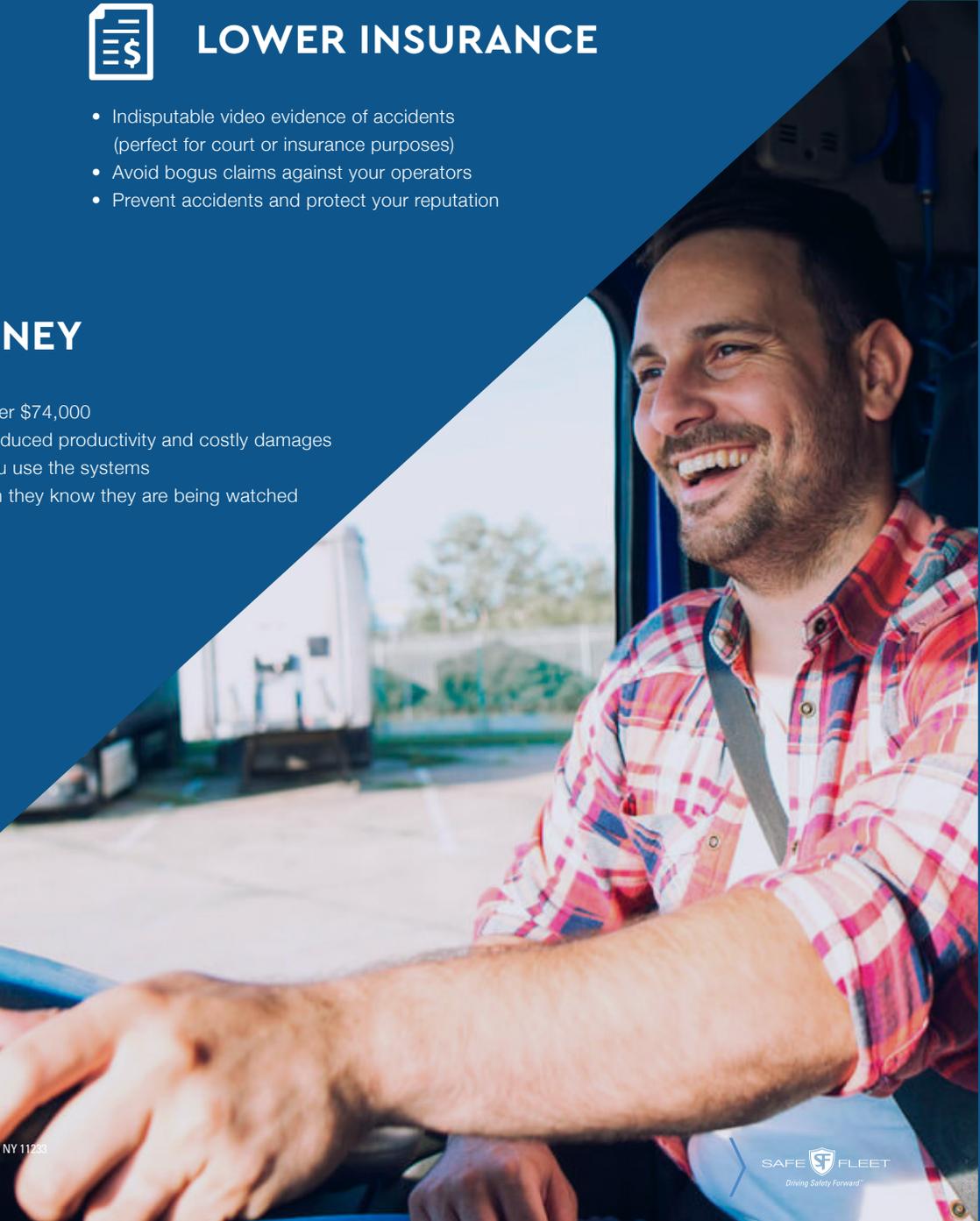
OUR MOBILEMULE™
KICKS ASS

WE CALL IT THE MOBILEMULE™
BECAUSE IT IS STRONG, HARDWORKING AND RELIABLE.

SAFETY + SECURITY + PEACE OF MIND

- HD recording on all channels
- 2.0 megapixel forward facing IP Camera records license plates and street signs
- Connect to monitor for live viewing
- High quality H.264 image compression
- Military grade vibration rating
- Temperature alerts - can connect temperature sensors and receive alerts from temperature changes

LIVE VIDEO REMOTE VIEWING WITH NO RECURRING FEES

- View/download live footage via 4G or WiFi
- View/download footage on your computer with included free software or on your phone with free mobile app (Android/iOS)
- No hosting fees to view/download footage. Why pay to use your own footage?

PROTECT YOUR FILES

- Event Recording – create triggers to protect important files
- G-Sensor – automatically save emergency footage
- Up to a 24hr Delay Power Off – record footage even when vehicle is off
- Protect footage in the event of a fire with optional fireproof case
- Seamless loop recording means you'll never miss a thing
- MASSIVE Storage - holds up to 2TB of footage
- Mirror Recording - record onto hard drive and SD card

THE POWER OF GPS

- Simple and effective GPS tracking with Google Maps
- Record speed, location and exact driving route
- Geo Fencing – set a route and get instant alerts if vehicle deviates

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SAFE FLEET
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MOBILEMULE SOFTWARE:
EFFECTIVE, EFFICIENT, EASY TO USE

Our state-of-the-art fleet management software is included free with your MobileMule™.
Stream real time video from each vehicle simultaneously. Advanced and intuitive features make it ideal for a fleet of any size. Easily find, replay, or download the footage you need when it matters, all in one place.
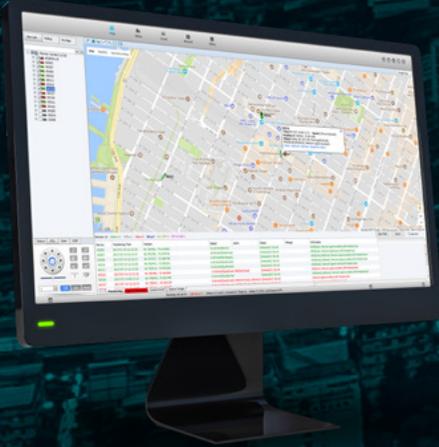
GOOGLE MAPS INTEGRATION

This feature allows you to instantly view the real-time physical location of every connected vehicle. Quickly view important color coded information, such as vehicle speed, network status/signal condition and hard drive health status.

MULTI-VEHICLE LIVE VIEW

View every camera connected in real time or focus on the specifics you need at the moment. Several users can access up to 100 live video streams from multiple vehicles on the same page simultaneously.

BREADCRUMB TRACKING

View a breadcrumb trail of a vehicle's entire route based on a specified time frame. View vital information (vehicle status, hard drive status, exact address) from every breadcrumb still frame. Access important information for every second of every trip.

GEOFENCING

Set up a zone for each individual operator. You will be notified if a driver deviates from this route. This helps you keep an eye on your operators and they will drive better knowing they are being watched.

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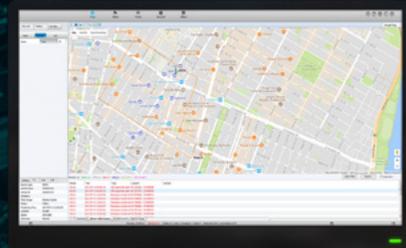
ULTIMATE COVERAGE
NO RECURRING FEES

With the ability to connect to wireless hotspots (jetpacks),
Rear View Safety offers the most comprehensive real time fleet video
management in the country. Why pay to access your own footage?
We host the server so that you can enjoy no recurring fees.
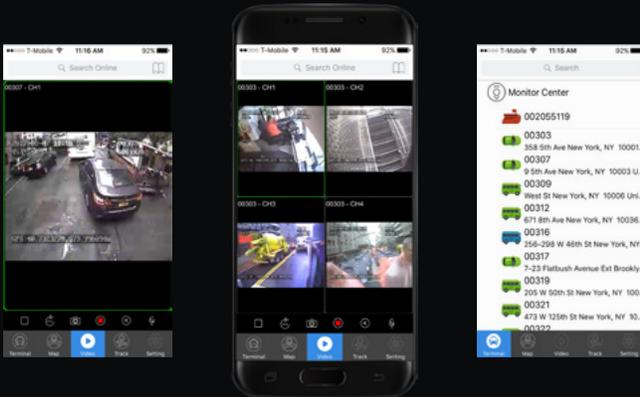
INSTANT REMOTE PLAYBACK & DOWNLOAD

Download or replay vital footage from your cameras remotely.
Conveniently access important footage for court or insurance purposes.

INTUITIVE FILE MANAGEMENT

Organize important files with descriptions and tags. Conveniently
recall files when needed. Intuitively sort files for reports.

SIMPLE SYSTEM MANAGEMENT

Specify which users have access to certain functions and information.
This keeps private information private and protects your business.

COMPLETE REPORTS

Customize multiple reports based on specified time parameters.
View reports with idle time, speed and more. It's easy to stay informed.

WIRELESS UPDATES

Update firmware through a wireless network.

**DEDICATED
TO ROAD
SAFETY**

DVR SOFTWARE

Scan the QR code below to visit our software page. This is your hub for the latest MobileMule™ Mobile DVR software. Links include the Desktop Footage Player and the Desktop Live View Software. Scroll down to the table for a series-specific guide on what you need for your DVR. For additional DVR support please email dvr@rearviewsafety.com or call (833) 985–0018 Ext. 387.

www.rearviewsafety.com/software

SETTING UP YOUR DVR

We are with you every step of the way. Scan the QR code below to visit our MobileMule™ Mobile DVR YouTube Playlist. Topics include how to connect cables, initiate live video, replace/format the hard drive, and more. For additional DVR support please email dvr@rearviewsafety.com or call (833) 985–0018 Ext. 387.

Check out our DVR Set Up Videos

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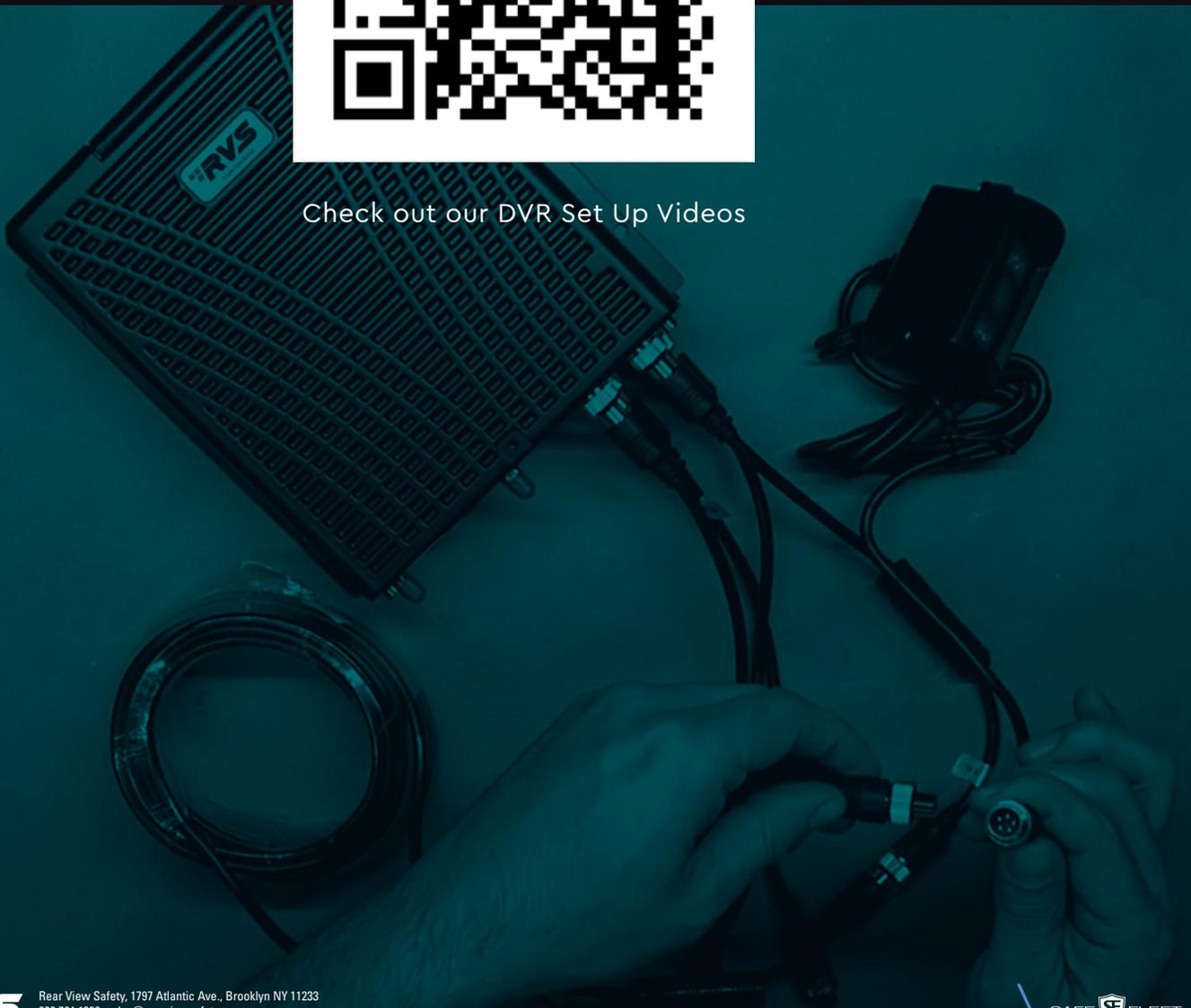
MOBILEMULE™ 1080 SERIES

5 CHANNEL 1080P MOBILE DVR WITH GPS TRACKING AND LIVE VIDEO OPTIONS (HARD DRIVE)

- Highly functional mobile DVR for on-board recording
- HD Compatible - can connect and record HD cameras
- Ethernet Port - can connect to IP Camera
- Camera options:

    4 x 1080p AHD/960H/D1/HD1/CIF
    1 x IPC (720p/1080p)

- Storage: HDD/SSD up to 2TB (1TB included)
  + SD card (up to 128GB - not included)
- Mirror Recording - records onto SD card as well as hard drive

- Live Video Remote Viewing- view and download live footage remotely while vehicle is on the road
- Mobile Access via 4G or WiFi network (optional) - view live and recorded footage from mobile device (Android/iOS)
- Built-in GPS - records location and driving route
- Built-in G-Sensor - recognizes impacts and unusual driving behavior
- Built-in UPS 8 second power off delay - for data protection
- Record footage even when vehicle is off - up to 24 hours
- Alarm Inputs - flag certain events as alarms
- Connects to monitor - driver can view all cameras live
- Military grade vibration and shock rating (MIL-STD-810G)

SPECIFICATIONS

5 CHANNEL 1080P MOBILE DVR WITH GPS TRACKING AND LIVE VIDEO OPTIONS (HARD DRIVE)

Language	English/Chinese
Operation Interface	Graphical User Interface (OSD menu)
Password Security	2 Levels: Administrator & User
Video Input	5 Channels (4 x CIF/HD1/D1/960H/720P/1080P Camera Video Inputs & 1 x Ethernet Port for Forward Facing IP Camera)
Video Display	Single Picture 1~4 Pictures
Video Output	3 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port & VGA 1080P)
Signal System	PAL/NTSC (PAL@200 Frames 720P/sec; NTSC@240 Frames 720P/sec)
Image Compression	H.264 Main Profile
Audio Input	4 Channels
Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port)
Record Format	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port)
Image Resolution	CIF / HD1 / D1 / 960H / 720P / 1080P Optional
Video Coding	ISO 14496-10 Industry Standard
Video Bit Rate	CIF: 128Kbps ~ 1536Kbps – HD1/D1: 400Kbps ~ 2048Kbps – 960H: 400Kbps ~ 2048Kbps – 720P: 400Kbps ~ 4096Kbps – 1080P: 4096Kbps ~ 400Kbps
Audio Bit Rate	40Kbps
Storage	Up to 2TB HDD/SSD and 1 SD card for backup up to 128gb
Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
Alarm Output	1 Channel, 12V output
Communication Ports	RS485 / RS 232 / RJ45 Network / USB
GPS	Internal GPS module. Real-Time geographic coordinates, speed information
3G	3G (HSUPA / HSDPA / WCDMA / EVDO / TD-SCDMA) (certain models)
4G	4G (TDD-LTE / FDD-LTE) optional module to match local cellular carrier (certain models)
WiFi	Internal Wi-Fi 802.11b/g/n (2.4 / 5.8 Ghz) (certain models)
G-Sensor	Supports 3 Axis motion Detection with user set ranges, for X, Y and Z coordinates
Voltage Input	+8~+36V (Please check operational voltage of vehicle prior to the installation of the MVDR to prevent possible damage)
Voltage Output	12V (+/- 0.2V), Max 3A
ACC Detection	≤4V Power-off – ≥6V Power-on
Video Input Resistance	75Ω
Video Output Voltage	2Vp-p CVBS output analog signal, screen input requires 75Ω resistance
I / O Port	5V – High Voltage Trigger
Operational Temperature	-40°C ~ +80°C – Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	192mmx184mmx61mm, 248mmx184mmx61mm – Including Security Cover
Software Upgrade	Upgrade through the front USB 2.0 or remotely via CMS/IVMS platform

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MOBILEMULE™ 5500 SERIES

5 CHANNEL MOBILE DVR WITH GPS TRACKING AND LIVE VIDEO OPTIONS (SD CARD)

- Highly functional mobile DVR for on-board recording
- HD Compatible - can connect and record HD cameras
- Ethernet Port - can connect to 1.3MP IP Camera
- Camera options:

  4 x 720p AHD/D1/HD1/CIF

  1 x IPC (720p/1080p)

- Stores footage onto two SD cards (not included) up to 512GB combined
- Built-in GPS - records location and driving route

- Built-in G-Sensor - recognizes impacts and unusual driving behavior
- Built-in UPS 8 second power off delay - for data protection
- Record footage even when vehicle is off - up to 24 hours
- Alarm Inputs - flag certain events as alarms
- Connects to monitor - driver can view all cameras live
- Live Video Remote Viewing- view and download live footage remotely while vehicle is on the road
- Mobile Access via 4G or Wifi network (optional)
  - view live and recorded footage from mobile device (Android/iOS)

SPECIFICATIONS

5 CHANNEL MOBILE DVR WITH GPS TRACKING AND LIVE VIDEO OPTIONS (SD CARD)

System	Language	English / Chinese
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator or User
Video	Video Input	Supports 4 channels CIF/HD1/D1/960H/720P AHD camera Video input
		Supports 2-CH 720P AHD + 2-CH 960H analog mixing Video input
		Supports 1-CH 720P/1080P IPC + 4-CH 960H/D1/CIF Video input
		Note: 4 channels 720P AHD or 1-CH 720P/1080P IPC + 4-CH 960H Video input will require high speed SD card (> 80Mb/S, Class 10 or higher)
	Video Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24 pin I/O Port)
	Video Display	Single picture, 1~5 pictures
	Signal System	PAL / NTSC (PAL@100 frame 720P/sec; NTSC@120 frame 720P/sec)
	Image Compression	H.264 Main profile
Audio	Audio Input	4 Channels
	Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24 pin I/O Port)
	Recording Format	Synchronized A/V recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P/1080P optional
	Video Coding	ISO14496-10 Industry Standard
	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps,
		HD1/D1: 2048Kbps ~ 400Kbps,
		960H: 2048Kbps ~ 400Kbps,
		720P:4096Kbps ~ 400Kbps
		1080P:4096Kbps ~ 400Kbps
		Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
	Audio Bit Rate	40Kbps
	Storage	2 SD Card Slots, up to 256GB each, Class 10 or higher
Alarm	Alarm Input	8 Channels, Select trigger for either less than 1VDC or greater than 5VDC
	Alarm Output	1 Channel, 12V output
Communication Ports	RS485	1 Port for PTZ control or Data Device usage
	RS232	2 Port for communication or data usage
	RJ45 Network	1 Port of RJ45. For connection to an IP camera with maximun of 1080P
Wireless Communication	Wi-Fi	Internal Wi-Fi 802.11b/g/n (2.4 / 5.8 Ghz) option
GPS*	Int'l Standard GPS*	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges for X, Y and Z coordinates
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	IVMS	Wireless (requires Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc.
Software Upgrade	Local or Remotely	Upgrade through SD card or remotely via IVMS platform
Voltage Input	+8 ~ +36V	8 ~ 36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage.
Voltage Output	12V	12V (+/-0.2V) , Max 3A
ACC Detection	≤4V	Power-off
	≥6V	Power-on
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I / O Port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operational Temperature	-25℃ ~ 75℃	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	170x142x50mm	Including Security Cover 170x187x50mm

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MOBILEMULE™ 5520-HYBRID SERIES

8 CHANNEL (4 X AHD + 4 X IPC) MOBILE DVR WITH GPS AND LIVE VIDEO REMOTE VIEWING

- Highly functional mobile DVR for on-board recording
- HD Compatible - can connect and record HD cameras
- 4 Ethernet Ports - can connect to four IP Cameras
- Camera options:

  4 x 720p AHD/960H/D1/HD1/CIF
  4 x IPC (720p/1080p)

- Storage: HDD/SSD up to 2TB (1TB included)
  + SD card (up to 128GB - not included)
- Mirror Recording - records onto SD card as well as hard drive
- HDMI video output
- Built-in WiFi - can connect to WiFi network

- Live Video Remote Viewing - view and download live footage remotely while vehicle is on the road
- Mobile Access via 4G or Wifi network - view live and recorded footage from mobile device (Android/iOS)
- Built-in GPS - records location and driving route
- Built-in G-Sensor - recognizes impacts and unusual driving behavior
- Built-in UPS 8 second power off delay - for data protection
- Record footage even when vehicle is off - up to 24 hours
- Alarm Inputs - flag certain events as alarms
- Connects to monitor - driver can view all cameras live
- Military grade vibration and shock rating (MIL-STD-810G)

SPECIFICATIONS

8 CHANNEL (4 X AHD + 4 X IPC) MOBILE DVR WITH GPS AND LIVE VIDEO REMOTE VIEWING

System	Language	English / Chinese
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator & User
Video	Video Input	Supports 4 channels CIF/HD1/D1/960H/720P AHD camera Video input Supports 4 channels 720P/ 2 channels 1080P IP camera Video input Supports 2-CH 720P AHD + 2-CH 960H analog mixing Video input Supports 4-CH 720P IPC + 4-CH 720P AHD/960H/D1/CIF Video input Supports 2-CH 1080P IPC + 4-CH 720P AHD/960H/D1/CIF Video input
	Video Output	1 each HDMI (max. 1080P), 2 CVBS (Analog); 1 each 3.5mm Jack on Front Panel and one connection on the 24 pin I/O port
	Video Display	Single picture, 1~8 pictures
	Signal System	PAL / NTSC (PAL@200 frame 720P/sec; NTSC@240 frame 720P/sec)
	Image Compression	H.264 Main profile
Audio	Audio Input	4 Channels
	Audio Output	2 Channels (Front Panel 3.5mm Jack, 1 in the 24pin connector)
	Record Format	Synchronized A/V recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P /1080Poptions
	Video Coding	ISO14496-10 Industry Standard
	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, 960H: 2048Kbps ~ 400Kbps, 720P:4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
	Audio Bit Rate	40Kbps
	Storage	Up to 2TB HDD/SSD and 1 SD card for backup（at 3G/4G/WIFI model option）
Alarm	Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
	Alarm Output	1 Channel, 12V output
Communication Ports	RS485	1 Port for PTZ control or Data Device usage
	RS232	2 Port for communication or data usage
	RJ45 Network	4 Ports of RJ45, For connection to an IP camera with maximum of 1080P
	USB	2 Ports of USB 2.0, the front is used to export record file. The rear panel is used to mirror
Wireless Communication	Wi-Fi	Internal Wi-Fi 802.11b/g/n (2.4 / 5.8 Ghz) optional
GPS*	Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges, for X, Y and Z coordinates
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	IVMS	Wireless (require Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc.
Software Upgrade	Local or Remotely	Upgrade through the front USB2.0 or remotely via IVMS platform
Voltage Input	+8～+36V	8~36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
Voltage Output	12V	12V（+/-0.2V）, Max 3A
ACC Detection	≤4V	Power Off
	≥6V	Power On
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I / O port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operation Temperature	-40℃～80℃	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	192x184x61mm	Including Security Cover 248x184x61mm

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MOBILEMULE™ 8150 SERIES

9 CHANNEL MOBILE DVR WITH GPS TRACKING AND LIVE VIDEO RECORDING (HARD DRIVE)

- Highly functional mobile DVR for on-board recording
- HD Compatible - can connect and record HD cameras
- Ethernet Port - can connect to IP Camera
- Camera options:

  8 x 720p AHD/960H/D1/HD1/CIF
  1 x IPC (720p/1080p)

- Storage: HDD/SSD up to 2TB (1TB included)
  + SD card (up to 128GB - not included)
- Mirror Recording - records onto SD card as well as hard drive
- Built-in GPS - records location and driving route

- Built-in G-Sensor - recognizes impacts and unusual driving behavior
- Built-in UPS 8 second power off delay - for data protection
- Record footage even when vehicle is off - up to 24 hours
- Alarm Inputs - flag certain events as alarms
- Connects to monitor - driver can view all cameras live
- Military grade vibration and shock rating (MIL-STD-810G)
- Built-in WiFi - can connect to WiFi network
- Live Video Remote Viewing- view and download live footage remotely while vehicle is on the road
- Mobile Access - view live and recorded footage from mobile device (Android/iOS)

SPECIFICATIONS

9 CHANNEL MOBILE DVR WITH GPS TRACKING AND LIVE VIDEO RECORDING (HARD DRIVE)

System	Language	English / Chinese
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator & User
Video	Video Input	Supports 8 channels CIF/HD1/D1/960H camera Video input Supports 8 channels 720P AHD Video input Supports 4 channels 720P AHD + 4 channels CIF/HD1/D1/960H Video input Supports 1-CH 720P/1080P IPC + 8-CH 960H/D1/CIF Video input Supports 1-CH 720P/1080P IPC +8-CH 720P AHD Video input
	Video Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port)
	Video Display	Single picture, 1~9pictures
	Signal System	PAL / NTSC (PAL@200 frame 720P/sec; NTSC@240 frame 720P/sec)
	Image Compression	H.264 Main profile
Audio	Audio Input	8 Channels
	Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port)
	Record Format	Synchronized A/V recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P / 1080P optional
	Video Coding	ISO14496-10 Industry Standard
	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, 960H: 2048Kbps ~ 400Kbps, 720P:4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
	Audio Bit Rate	40Kbps
	Storage	Up to 2TB HDD/SSD and 1 SD card for backup（at 3G/4G/WIFI model option）
Alarm	Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
	Alarm Output	1 Channel, 12V output
Communication Ports	RS485	1 Port for PTZ control or Data Device usage
	RS232	2 Port for communication or data usage
	RJ45 Network	1 Port of RJ45, For connection to an IP camera with maximum of 1080P
	USB	2 Ports for USB 2.0, the front panel one to download video files & upgrade firmware; the rear panel one is optional.
Wireless Communication	Wi-Fi	Internal Wi-Fi 802.11b/g/n (2.4 / 5.8 Ghz) optional
GPS*	Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges, for X, Y and Z coordinates
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	IVMS	Wireless (require Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc.
Software Upgrade	Local or Remotely	Upgrade through the front USB2.0 or remotely via IVMS platform
Voltage Input	+8～+36V	8～36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
Voltage Output	12V	12V（+/-0.2V）, Max 3A
ACC Detection	≤4V	Power-off
	≥6V	Power-on
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I / O Port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operational Temperature	-40℃～80℃	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	192x184x61mm	Including Security Cover 248x184x61mm

MOBILEMULE™ 8117 SERIES

17 CHANNEL MOBILE DVR WITH GPS TRACKING AND LIVE VIDEO REMOTE VIEWING

- Highly functional mobile DVR for on-board recording
- HD Compatible - can connect and record HD cameras
- Ethernet Port - can connect to IP Camera
- Camera options:

    16 x 720p AHD/960H/D1/HD1/CIF
    1 x IPC (720p/1080p)

- Storage: HDD/SSD up to 2TB (two 1TB hard drives included) + SD card (up to 128GB - not included)
- Mirror Recording - records onto SD card as well as hard drive
- Built-in WiFi - can connect to WiFi network

- Live Video Remote Viewing - view and download live footage remotely while vehicle is on the road
- Mobile Access via 4G or WiFi network - view live and recorded footage from mobile device (Android/iOS)
- Built-in GPS - records location and driving route
- Built-in G-Sensor - recognizes impacts and unusual driving behavior
- Built-in UPS 8 second power off delay - for data protection
- Record footage even when vehicle is off - up to 24 hours
- Alarm Inputs - flag certain events as alarms
- Connects to monitor - driver can view all cameras live
- Military grade vibration and shock rating (MIL-STD-810G)

SPECIFICATIONS
17 CHANNEL MOBILE DVR WITH GPS TRACKING AND LIVE VIDEO REMOTE VIEWING

System	Language	English / Chinese
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator & User
Video	Video Input	Supports 17 channels - 16 CIF/HD1/D1/960H/720P AHD inputs & 1 Ethernet Port For Forward Facing IP Camera
	Video Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 9pin AV-Out Port)
	Video Display	Single picture, 1~17 pictures
	Signal System	PAL / NTSC (PAL@400 frame 720P/sec; NTSC@480 frame 720P/sec)
	Image Compression	H.264 Main profile
Audio	Audio Input	16 Channels
	Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port)
	Record Format	Synchronized A/V recording
	Image Resolution	CIF / HD1 / D1 / 960H / 720P optional
	Video Coding	ISO14496-10 Industry Standard
Recording & Storage	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, 960H: 2048Kbps ~ 400Kbps, 720P:400Kbps ~ 4096Kbps Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
	Audio Bit Rate	40Kbps
	Storage	Up to 2TB HDD/SSD and 1 SD card for backup（at 3G/4G model option）
Alarm	Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
	Alarm Output	1 Channel, 12V output
Communication Ports	RS485	1 Port for PTZ control or Data Device usage
	RS232	2 Port for communication or data usage
	RJ45 Network	1 Port of RJ45, For connection to LAN or testing
	USB	2 Ports for USB 2.0, the front panel one to download video files & upgrade firmware; the rear panel one is optional
Wireless Communication	Wi-Fi	Internal Wi-Fi 802.11b/g/n (2.4 / 5.8 Ghz) optional
GPS*	Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges, for X, Y and Z coordinates
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	CMS/IVMS	Wireless (require Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms
Software Upgrade	Local or Remotely	Upgrade through the front USB 2.0 or remotely via CMS/IVMS platform
Voltage Input	24～36V	24～36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
Voltage Output	12V	12V（+/-0.2V) Max 3A
ACC Detection	≤4V	Power-off
	≥6V	Power-on
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I / O Port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operational Temperature	-40℃～80℃	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	203x208x93.5mm	Including Security Cover

Rear View Safety, 1797 Atlantic Ave., Brooklyn NY 11233
800.764.1028 sales@rearviewsafety.com
www.rearviewsafety.com

SAFE FLEET
Driving Safety Forward™

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MOBILEMULE™ ACCESSORIES

RVS-DA01
Temperature Sensor

Remotely mounted temperature sensor monitors temperature levels in refrigeration trucks and any other temperature sensitive area within your vehicle.

RVS-DA04
Uninterrupted Power Supply

Allows the DVR to continue to function for 30 min. after power is lost.

RVS-DA05
RFID Reader

Allows the non-contact reading of industry standard RFID cards like those used by passengers and drivers of taxis and buses, etc.

RVS-DA06
Driver Panic Button

Allows driver to trigger alarm in case of emergency.

RVS-DA07
LED IR Extender

Allows driver to check usage status and change settings for your MobileMule™ DVR.

RVS-DA08
Audio Pickup For DVR's

Allows driver to easily record audio directly into Mobile DVR.

RVS-KS128
Kingston 128Gb Sd Card

128GB Class 10 SD Card by Kingston Technology designed for Dash Cameras and Mobile DVR's.

RVS-KS256
Kingston 256Gb Sd Card

256GB Class 10 MicroSD Card by Kingston Technology for use with Trong™ 6000 Series

CAMERA OPTIONS

RVS-770-AHD

Analog HD Backup Camera

- 120° Viewing Angle
- Waterproof - IP69K
- Built-in High Gain Mic

RVS-770-FHD

Full HD Analog Backup Camera

- 150° Viewing Angle
- Waterproof - IP69K
- 1080p Resolution

RVS-775-AHD

Analog HD Side Cameras

(RVS-775L-AHD/RVS-775R-AHD)

- Only compatible with Mobile DVR's
- Waterproof - IP68
- 120° Viewing Angle

RVS-775-FHD

Full HD Analog Side Cameras

(RVS-775L-FHD/RVS-775R-FHD)

- 120° Viewing Angle
- Waterproof - IP68
- 1080p Resolution

RVS-IPC

Forward Facing IP Camera

- 2.0MP Lens
- 120° Viewing Angle
- 2.8mm Adjustable Lens

RVS-720-AHD-01

720P AHD Forward Facing Camera

- 1.3MP Lens
- 120° Viewing Angle
- 2.8mm Adjustable Lens

RVS-MV3-IR-AHD/
RVS-MV3-IR-FHD

**Analog HD Surface Mount Camera/
Analog FHD Surface Mount Camera**

- 170° Viewing Angle
- Waterproof - IP69K
- 4 Infra-red Lights

RVS-9000-AHD/
RVS-9000-FHD

**Analog HD Waterproof Dome Camera/
Analog FHD Waterproof Dome Camera**

- 150° Viewing Angle
- Waterproof - IP69K
- 24 Infra-red Lights

RVS-IPC-3

2.0MP IP Dome Camera

- 1920 x 1080 Resolution
- 10 LED's
- Waterproof IP67

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FEATURES CHART

Model Number	RVS-5500	RVS-5501	RVS-5502	RVS-5550	RVS-5530	RVS-5520	RVS-1080-A	RVS-1080-B	RVS-1080-C	RVS-8150	RVS-8180	RVS-8170	RVS-8117	RVS-5520-HYBRID
Channel	4	4	4	4	4	4	4	4	4	8	8	8	16	4
IPC Channel	1*	1*	1*	1**	1**	1**	1**	1**	1**	1**	1**	1**	1**	4
GPS	●	●	●	●	●	●	●	●	●	●	●	●	●	●
WIFI	--	●	●	--	●	●	--	●	●	--	●	●	--	●
4G	--	--	●	--	--	●	--	--	●	--	--	●	●	●
Hard Drive	--	--	--	●	●	●	●	●	●	●	●	●	●	●
SD Card	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Capacity	512GB (2x256 SD Cards)	512GB (2x256 SD Cards)	512GB (2x256 SD Cards)	1TB + 128GB	1TB + 128GB	1TB + 128GB	2TB + 128GB	2TB + 128GB	2TB + 128GB	2TB + 128GB	2TB + 128GB	2TB + 128GB	4TB + 128GB	1TB + 128GB
Live Viewing	--	●	●	--	●	●	--	●	●	--	●	●	●	●

*SD Models can only connect with IPC Camera when using standard definition (960H) Cameras
If connecting with AHD Cameras, you cannot use the IPC.

**IP Can only be used if all the 5 pin channels are the same. DVR can use All AHD and IP, or All 960H and IP. Or you can use both AHD and 960H but no IP

CAPACITY CHART

Capacity \ Resolution	Full HD 1080P	HD 720P	960H	D1
64 GB	60 H	80 H	120 H	150 H
128 GB	120 H	165 H	248 H	300 H
256 GB	250 H	340 H	550 H	600 H
1 TB	1000 H	1300 H	2000 H	2600 H
2 TB	2000 H	2600 H	4000 H	5200 H

Recorded times are averaged and will fluctuate based on footage recorded and vehicle movement

TESTIMONIALS

Martins Famous Pastry and MFPS Transport have been using Rear View Safety camera systems for over 5 years. We started with the 32 gig recording DVR and now use the 2 card 128 gig DVR. We really like the additional storage capacity. This allows for us to extend the amount of frames per second on the recording and capture the complete view. Our insurance company loves the availability of the footage and it has already paid for itself with accident claims. We also can use the footage for driver training. We use a 4 camera system on tractor trailers and a 2 camera system on route vans, the GPS and speed availability have also been useful in verifying drivers logs. The service and reliability of the people on staff at Rear View has been excellent.
Rear View gets our recommendation.

Dan Browell
Vehicle Maintenance Manager
MFPS Transport inc.

We've installed Rear View Safety's mobile DVR's on our customers' school buses and they couldn't be happier with them. Installation is pretty straight forward and the systems come with great flexibility and audio recording as well. The added security and peace of mind that comes with everything being recorded, really is a great benefit.

Charles Greenwald
Newgate Security

Top View runs tours across NYC and we recently installed Rear View Safety cameras and mobile DVR's on all of our tour buses. Having everything recorded lowers our insurance cost and claims and helps with driver/passenger disputes. The remote access is really handy and it allows us to view vehicle location and live footage even while the vehicle is on the road. I would highly recommend Rear View Safety and their mobile DVR's.

Alon Brand
Director of Operations
Top View Sighseeing NYC

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