

# MOBILE VIDEO SURVEILLANCE

Complete Fleet  
Management Solutions



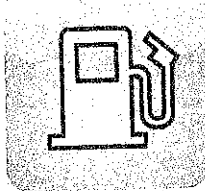
# REI

## A.R.M.O.R.-AVL Features



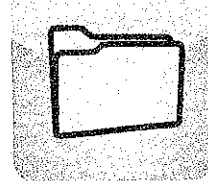
### **Fleet Management**

Oversee vehicle maintenance and inventory, asset management and more.



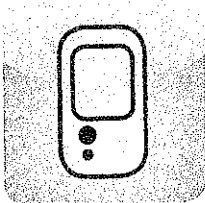
### **Fuel Savings**

Track fuel consumption and reduce excessive fuel usage.



### **Incident Management**

Automatically track and manage alerts and incidents occurring on your vehicles.



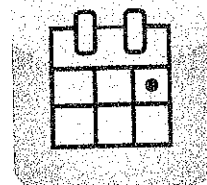
### **Smart Phone Apps**

Passengers can quickly and conveniently access bus arrival predictions.



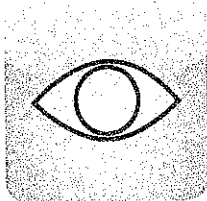
### **CAD/AVL**

Manage your entire fleet remotely, performance to schedule, and more.



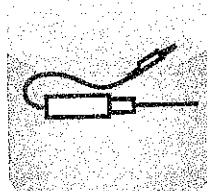
### **Route Planning**

Accurately plan the most efficient routes for your fleet.



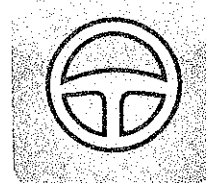
### **Mobile Video Surveillance**

Combine the power of AVL and video surveillance into one cohesive package.



### **Vehicle Diagnostics**

Reduce maintenance costs and down-time with real time vehicle diagnostics.



### **Driver Training**

Utilize reports and analytics to improve driver behavior.

# DVRs

REI's mobile DVRs record video, audio and vehicle data via a removable hard drive or SD card. Connect 1 to 8 surveillance cameras and provide ultimate video coverage in and around your vehicle. You can customize your recording times or simply start your vehicle to begin recording. Plus, you can record for up to 10 hours after the vehicle is shut off. REI's durable DVRs include an extruded aluminum chassis, fanless design and wireless capability.

## HD Series

### HD800 DVR - 8 Camera Channels

Part #710331

with WiFi   
Part #710425



- Record up to 8 channels of audio/video - 240 fps at D1 resolution

### HD420 DVR - 4 Camera Channels

Part #710422

with WiFi   
Part #710424



- Record up to 4 channels of audio/video - 120 fps at D1 resolution

## PRODUCT ORDERING CODES

DVR Series	Model	WiFi	# of Cameras	Hard Drive Storage
HD	800	W = WiFi Leave Blank for No WiFi	1 = 1 Camera 2 = 2 Cameras 3 = 3 Cameras 4 = 4 Cameras 5 = 5 Cameras 6 = 6 Cameras 7 = 7 Cameras 8 = 8 Cameras	320 = 320GB 500 = 500GB 750 = 750GB 1 = 1TB

- Easy-to-use A.R.M.O.R.-VMS viewing software
- H.264 advanced video compression
- Dual streaming WiFi
- 3G/4G compatible
- GPS compatible
- Removable hard drive module with USB port

## PRODUCT ORDERING CODES

DVR Series	Model	WiFi	# of Cameras	Hard Drive Storage
HD	420	W = WiFi Leave Blank for No WiFi	1 = 1 Camera 2 = 2 Cameras 3 = 3 Cameras 4 = 4 Cameras	320 = 320GB 500 = 500GB 750 = 750GB 1 = 1TB

- USB auto download
- Integral hard drive dampening
- Durable, extruded aluminum chassis
- Durable, compact and lightweight
- Quiet, clean, fanless design
- Optional lock box and security caps

# Mobile Video Surveillance

## Complete Fleet Management Solutions

### Choosing the Right Mobile Video Surveillance Solution:

REI's Mobile Video Surveillance system consists of a DVR, high resolution color cameras, user-friendly software and accessories. The driver simply has to turn on the vehicle for the system to start. The video, audio and vehicle data is then recorded to the REI mobile DVR's removable hard drive or SD card.

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 exterior or interior of your vehicle, wireless fleet and vehicle management, automated stop-arm violation reporting, a panic button, GPS mapping, integrated AVL package or additional accessories, REI has the solution for you.

Finding the right system is important, but having after-sale support is just as vital. That's why REI's 24-7 support sets us 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.

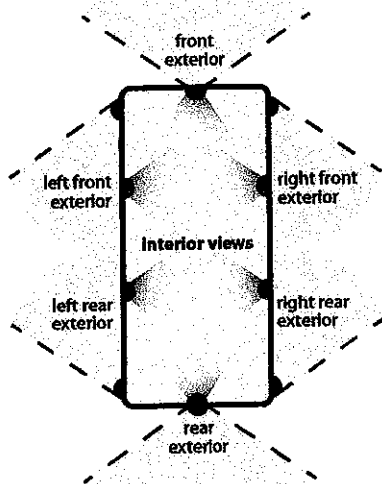
DVR Features	SD40	DR40	HD420	HD420W	HD800	HD800W
Wireless	✓*	✓*	✓	✓	✓*	✓
Stop-Arm Violator Information			✓	✓	✓	✓
GPS/AVL Tracking	✓	✓	✓	✓	✓	✓
Auto Download Server	✓*	✓*	✓*	✓	✓*	✓
DVR Diagnostics	✓*	✓*	✓*	✓	✓*	✓
Vehicle Diagnostics/J1939			✓	✓	✓	✓
Fleet & Vehicle Management	✓	✓	✓	✓	✓	✓
Cameras	4	4	4	4	8	8
Storage	Removable SD Card	Removable Hard Drive 320GB-1TB	Removable Hard Drive 320GB-1TB	Removable Hard Drive 320GB-1TB	Removable Hard Drive 320GB-1TB	Removable Hard Drive 320GB-1TB
Geo-fencing	✓	✓	✓	✓	✓	✓
Dual Streaming	✓	✓	✓	✓	✓	✓
Wake Button			✓	✓	✓	✓
Frame Rate	60 fps @ D1 Resolution	60 fps @ D1 Resolution	120 fps @ D1 Resolution	120 fps @ D1 Resolution	240 fps @ D1 Resolution	240 fps @ D1 Resolution
Video Compression	H.264	H.264	H.264	H.264	H.264	H.264
USB Auto Download	✓	✓	✓	✓	✓	✓
SD Download			✓	✓	✓	✓
Channels Independently Configurable	✓	✓	✓	✓	✓	✓
Operating Temperature Range	-40° to 155° F	-40° to 155° F	-40° to 150° F	-40° to 150° F	-40° to 150° F	-40° to 150° F
3G Compatible	✓	✓	✓	✓	✓	✓
Fanless Cooling Design	✓	✓	✓	✓	✓	✓
Industrial Extruded Aluminum Chassis	✓	✓	✓	✓	✓	✓

\* Requires external wireless bridge.

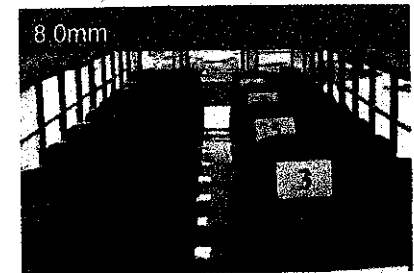
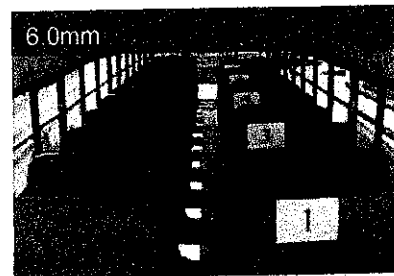
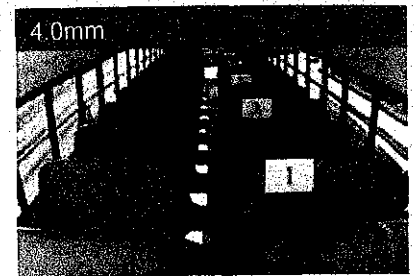
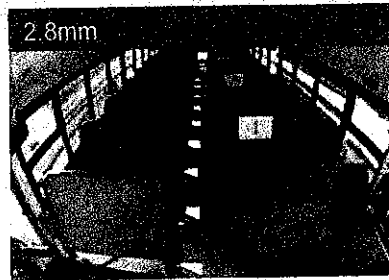
## Camera Mounting Options

REI's cameras can be mounted in a variety of locations throughout the interior and exterior of your vehicle. Choose one or two locations for basic coverage, or choose more locations for maximum coverage. The number of cameras you choose to mount will affect which REI DVR you need to purchase.

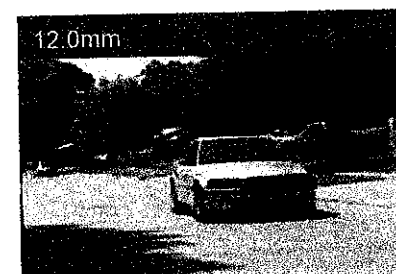
### Interior/Exterior



## Interior Camera Views



## Exterior Camera Views



## Camera Cable Options

Description	Part #
Ext. Camera Cable Adapter	512246
6' Camera Cable	512166
15' Camera Cable	512167
25' Camera Cable	512168
40' Camera Cable	512169
50' Camera Cable	510993
60' Camera Cable	512170

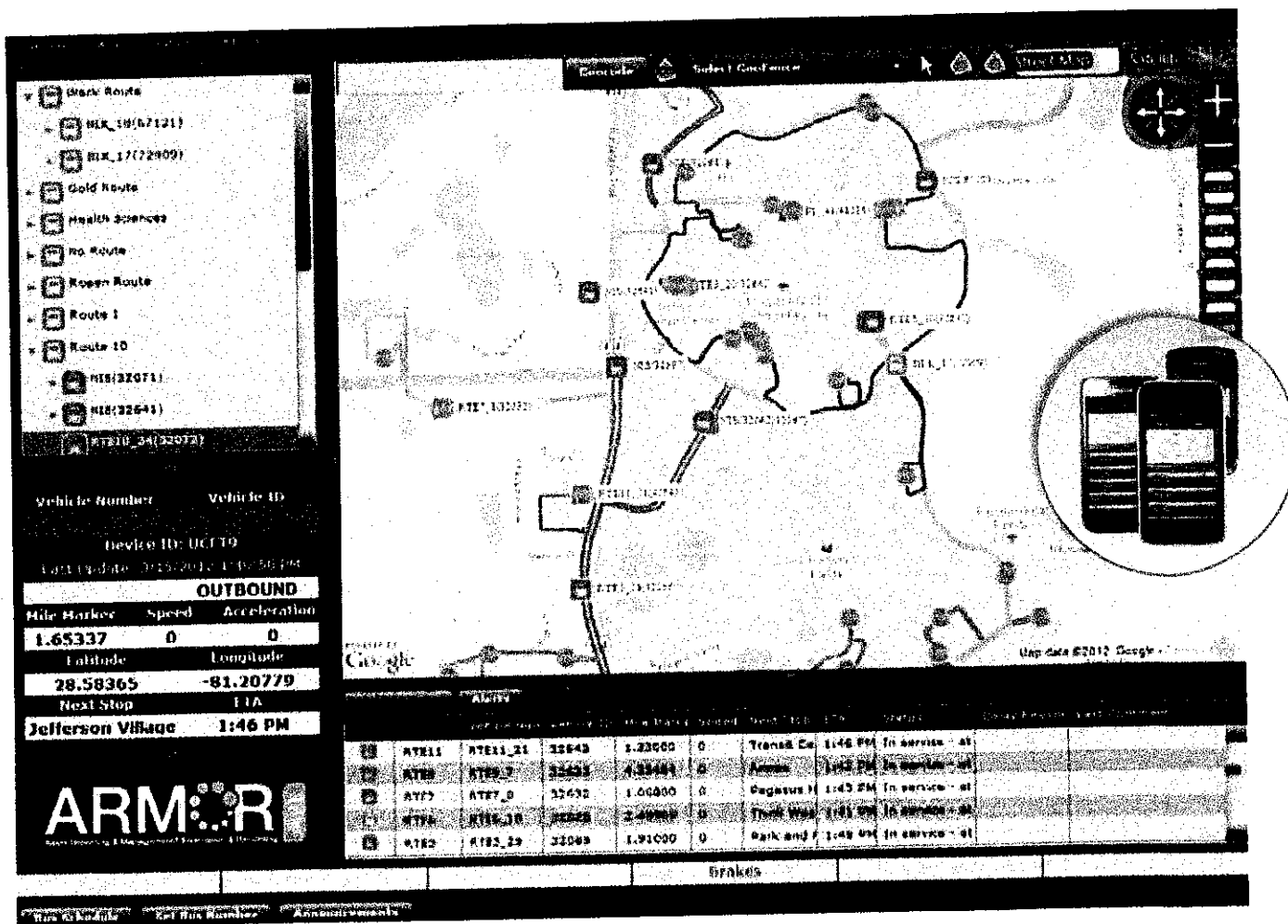
Note: 0°, 5° and 15° mounting plates included with cameras.

# ARM:R

Asset Reporting & Management/Observation & Recording

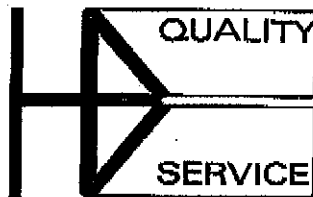


A.R.M.O.R.-AVL is a real time fleet management solution which provides a quantifiable return on investment, reduces risky driving behavior and can drastically improve operating efficiencies. The system also provides fleet operators the tools they need to reduce costs and improve fleet operations.



- Field proven and cost effective automatic vehicle location, video surveillance and passenger information system built on open standards and COTS hardware.
- Turn-key, fully supported solution provides in-depth, real time view of rolling stock and vehicle operations.
- Web-based operations management and dispatch software.
- Automated next bus/next stop announcements.
- Instantly know the precise location of your entire fleet at all times.
- Improve on-time performance and reduce inbound customer complaint calls.

- Reporting tools provide fingertip access to vehicle hour, mileage, performance to schedule, excessive idling, speeding, trip history ("breadcrumb") and other reports. These reports are essential in helping improve driver behavior - stark reductions in speeding, risky driving behavior, excessive idling and driver efficiency.
- Add-ons include:
  - Automatic passenger counters.
  - Passenger information display systems with synchronized text and audio.



# HOGLUND BUS AND TRUCK CO.

116 Oakwood Drive East • P.O. Box 249  
Monticello, MN 55362-0249  
(763) 295-5119  
www.hoglundbusandtruck.com



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DATE ENTERED	YOUR ORDER NO.	DATE SHIPPED	INVOICE DATE	INVOICE NUMBER
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PELICAN RAPIDS I S D #548

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PELICAN RAPIDS ISD 548

310 S BROADWAY

PELICAN RAPIDS, MN 56572

SHIP VIA			SLSM.		B/L NO.		TERMS		F.O.B. POINT	
DIRECT			24				DUE UPON RECEIPT		MONTICELLO, MN	
QTY	SHIP	REF	PART NO.	DESCRIPTION		LIST	NET	AMOUNT		
8	8	0	HD420-3-320	AT REI DISP		1578.00	1552.00	12,416.00		1. No returns on any electrical parts. No returns on opened kits.
8	8	0	750203	REAR END CSOR		19.88	17.23	137.84		
8	8	0	511986	PANIC BUTTC331		75.15	65.13	521.04		2. No return after 10 days.
8	8	0	512209	HARNES VEE621		61.35	53.17	425.36		
8	8	0	710214	GPS RECEIVO277		200.25	173.55	1,388.40		3. When ordering a special part or non-stockable part, a 100% deposit is required including any freight or expediting charges.
8	8	0	FREIGHTIN	FREIGHT DISP		25.00	25.00	200.00		
1	1	0	MISC	LABOR		4082.50	4082.50	4,082.50		
FOR CHRISTIAN BUS SERVICE										4. No return will be allowed for any special or non-stockable part.
										5. No second party checks.
										6. Checks for the amount of purchase only.
										7. All credit must be arranged prior to purchase.
										8. All returnable parts are subject to a 15-50% handling charge (some parts are not returnables see #4).
										9. Deposits on special order parts which are not picked up within 30 days will not be refunded.
										10. Terms-Net cash. All accounts due and payable 10th of month following purchase. Accounts not paid will be charged a finance charge.
WE SELL MORE THAN BUSES & TRUCKS! CALL US IF YOU NEED PARTS FOR BLUE BIRD, INTERNATIONAL, THOMAS, OR ANY MAKE OF BUS OR TRUCK AT 763-295-5119 OR 800-866-3104						PARTS		19,171.14		
						SUBLET				
						FREIGHT		0.00		
						SALES TAX		0.00		
						TOTAL		\$19,171.14		
CUSTOMER'S SIGNATURE										
X										