Grommet Mounted

Commercial Sensor

Sensor Display

License Plate Frame

Surround Your Fleet With Vision
3rd Eye MobileVision
www.JMcGale.com

Company Profile

J. McGale Industries distributes vehicle video cameras and systems that eliminate blind spots and backover accidents and provide video evidence of driver and vehicle operation. The products sold by J. McGale Industries provide the clearest picture, the widest view, the best low-light visibility and the longest warranties.

J. McGale Industries operates with a crisp, clear focus. We are in the mobile video business: nothing more, nothing less. We maintain a certain "tunnel vision" approach - focusing on our product category and servicing our customers the way we know best—we are able to sharpen our expertise rather than obscure it, perfect our offering rather than dilute it. We excel at one thing rather than over-extending into many. From rugged, extreme-duty equipment for underground mining, to sleek flush-mounted camera housings which can be painted to blend in discreetly with distinctive body styles - J. McGale provides the most reliable visibility solutions available.

UPGRADE WITH EASE . . .

ADAPTER ACCESSORIES FOR EVERY BRAND

Event Recording
Vision Integrated Radar
Dual Mode Smart Monitors
Tire Pressure Monitoring
Heavy Duty Camera Systems

Office: (905) 625-8375

4342 Hartfield Grove | Suite 101 | Mississauga, ON L4W 4G9

J. MCGALE INDUSTRIES
3rd Eye MobileVision™

YOUR PARTNER IN SAFETY

WHAT IS DRIVESAFE?

DriveSafe: Most Advanced Vehicle Activity Information System

DriveSafe is the tool you need to modify your drivers' behavior, reduce your accident costs, and generate more revenue from your vehicles. It gives you unmatched awareness of what's happening with your vehicles and drivers at all times.

DriveSafe highlights the risky behaviors that can lead to accidents, personal injury, and property damage—and endanger a driver's professional livelihood. By showing a driver's unsafe actions, you can coach them to drive safer.

Increase revenue and customer satisfaction with DriveSafe as well. Your drivers capture new sales opportunities and service issues through DriveSafe, so you drive top-line growth while improving operational efficiency.

DRIVESAFE BENEFITS

Collision Prevention

Train your drivers to reduce their risky behaviors
Lower your risk costs – to the bottom line

Driver Protection

Exonerate Drivers when they are not at fault
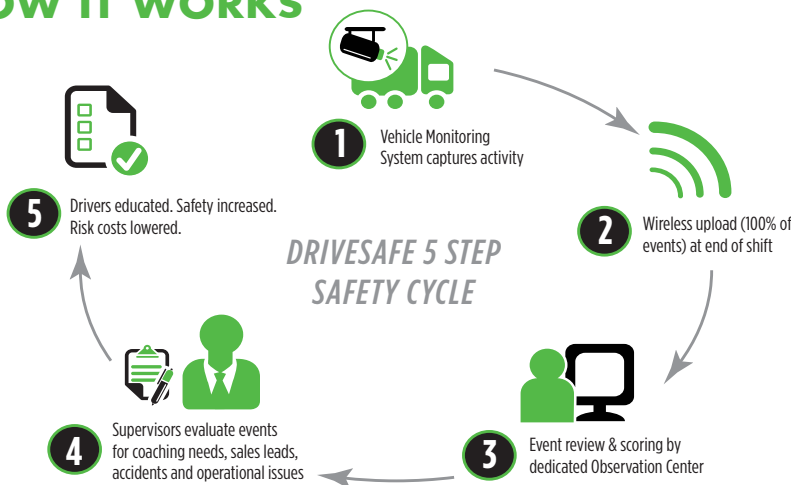Show Drivers the results of risky behavior

Capture Operational Issues

Use vehicle imaging to feed new customer leads to sales teams
Minimize customer complaints – capture blocked access, damaged containers and more

Detailed Reporting

See your entire operation at a glance: track trends, show accident hot spots,

Easily identify the riskiest driver behaviors, vehicles, and routes

Ensure your supervisors are reviewing events and coaching drivers

HOW IT WORKS

1 Vehicle Monitoring System captures activity

2 Wireless upload (100% of events) at end of shift

3 Event review & scoring by dedicated Observation Center

4 Supervisors evaluate events for coaching needs, sales leads, accidents and operational issues

5 Drivers educated. Safety increased. Risk costs lowered.

DRIVESAFE 5 STEP SAFETY CYCLE

HEAVY DUTY MONITORS - CLASS 7 - 8 Trucks (Recommended)

AWT07MLED

Heavy Duty 7" - 4 Port Monitor

Screen Size: 7" Display with LED Panel Technology

Video Inputs: 5 Cameras (4 CCD, 1 AV)

Shock Resistance: ≥ 10G, Die Cast Aluminum Housing

Dimensions: 192 (W) • 140.5 (H) • 51.8 (D) mm

Quad, Tri or Split Screen Viewing with Custom Triggers

AWT07M2LED

Heavy Duty 7" - 2 Port Monitor

Screen Size: 7" Display with LED Panel Technology

Video Inputs: 2 Cameras (2 CCD)

Shock Resistance: ≥ 10G, Die Cast Aluminum Housing

Dimensions: 192 (W) • 140.5 (H) • 51.8 (D) mm

Single Screen Viewing, Built in Switch Box & Custom Triggers

AWT84MSD

Heavy Duty 8.4" SD DVR Monitor

8.4" Display with Touch Screen and LED Panel Technology

Video Inputs: 6 Cameras (5 CCD, 1 AV) and VGA In

Shock Resistance: ≥ 10G, Die Cast Aluminum Housing

Built in DVR / SD Card Slot (Accepts up to 32GB)

Quad, Tri or Split Screen Viewing with Custom Triggers

AWT07MLEDSD

Heavy Duty 7" SD DVR Monitor

Screen Size: 7" Display with LED Panel Technology

Video Inputs: 6 Cameras (5 CCD, 1 AV)

Shock Resistance: ≥ 10G, Die Cast Aluminum Housing

Built in DVR / SD Card Slot (Accepts up to 32GB)

Quad, Tri or Split Screen Viewing with Custom Triggers

SLIM LINE MONITORS - CLASS 1-6 Trucks (Recommended)

AWTSL503M

5" Slim Line Monitor

Screen Size: 5" Display with LED Panel Technology

Video Inputs: 3 Cameras (3 CCD)

Shock Resistance: ≥ 10G, Die Cast Aluminum

Dimensions: 152 (W) • 106 (H) • 28.5 (D) mm

Single Screen Viewing w / Custom Triggers

AWTSL43M

4.3" Mirror Monitor

Screen Size: 4.3" Display with Auto Dim

Video Inputs: 2 Cameras (2 CCD)

Shock Resistance: ≥ 5G

Direct Replacement of OEM Rearview Mirror

Single Screen Viewing w / Custom Triggers

AWTSL714MQ

7" Slim Line Monitor

Screen Size: 7" Display with LED Panel Technology

Video Inputs: 4 Cameras (4 CCD)

Shock Resistance: ≥ 7G, Up to 10G w/Hardware

Dimensions: 181 (W) • 122 (H) • 24 (D) mm

Quad, Tri or Split Screen w / Custom Triggers

HEAVY DUTY CAMERAS - CLASS 7 - 8 Trucks (Recommended)

AWT1020T / AWT1020W

Heavy Duty Universal Color Camera

1/3" Sony Super HAD Color CCD

Lens Angle: (AWT1020T - 150°) (AWT1020W - 170°)

Shock Resistance: ≥ 10G, Die Cast Aluminum Housing

Waterproof IP68 Rating, Infrared LED for Night Viewing

Designed to MILSPEC Standards

AWT150C / AWT150CS

Universal Mount Camera / Shutter

1/3" Sony Super HAD Color CCD

Waterproof IP68 Rating, Infrared LED for Night Viewing

Shock Resistance: ≥ 10G, Die Cast Aluminum Housing

Internal Heater, Designed to MILSPEC Standards

Shutter Camera Available * Ask for Details

AWTCC758

Compact Universal Color Camera

1/4" Sony Super HAD Color CCD

Waterproof IP68 Rating

Shock Resistance: ≥ 10G, Die Cast Aluminum Housing

Designed to MILSPEC Standards

Ultra Compact Design for Flexible Mounting

AWT1020SC

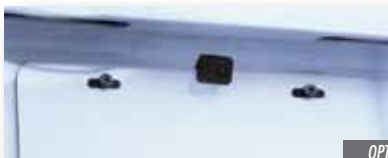### Adjustable Side Mount Color Camera

1/4" Sony Super HAD Side Color CCD

Waterproof IP68 Rating, Infrared LED for Night Viewing

Shock Resistance: ≥ 10G, Die Cast Aluminum Housing

Flexible Camera to Accommodate all Angles

Designed to MILSPEC Standards

SLIM LINE CAMERAS - CLASS 1-6 Trucks (Recommended)

AWTSL10C

Mounts Behind Or

OPTIONAL
PARKING LINES

IMAGE REVERSE

Adjustable License Plate Cam

Image Type: 1/3 Color Camera, Lens: 170°

Resolution: NTSC 628 (H) • 512 (V)

Shock Resistance: ≥ 5G, IP67

Universal License Plate Mounting

Dimensions: 22 (H) • 22 (W) • 33 (D) mm

AWTSL822C

OE FIT

Transit Camera: License Plate

Image Type: 1/3 Color Camera, Lens: 170°

Resolution: NTSC 510 (H) • 492 (V)

Shock Resistance: ≥ 5G, IP 67

Direct Replacement of OEM Rearview Mirror

Dimensions: 33 (H) • 60 (W) • 31 (D) mm

AWTSL330C

PARKING LINES

Hole Size:24.5mm

Bullet Mount Camera

Image Type: 1/3 Color Camera, Lens: 120°

Resolution: NTSC 510 (H) • 492 (V)

Shock Resistance: ≥ 5G, IP68

Flush Mount Bullet Camera - Hole Saw Included

Dimensions: 28 (Diameter) • 39 (D) mm

COMPLETE CAMERA & RADAR KITS (Recommended)

Utility
*Call for multiple camera applications
*Radar also available as separate kit

AWT150C + AWTSL714MQ = **AWTSL714MQ150C**

AWTSL10C + AWTSL43M = **AWTSL43M10C**

AWT150C + AWTSL714MQ + AWT3000RS = **SL4RS3**

Emergency
*Call for multiple camera applications
*Radar also available as separate kit

AWT1020T + AWT07MLED = **AWT07MLED1020T**

AWT150C + AWTSL714MQ = **AWTSL714MQ150C**

AWT1020T + AWT07MLED + AWT3000RS = **HD4RS3**

Ford Transit
OE FIT
*Call for multiple camera applications
*Radar also available as separate kit

AWTSL822C + AWTSL43M = **AWTSL43M822C**

AWTSL822C + AWTSL714MQ = **AWTSL714MQ822C**

AWTSL822C + AWTSL43M + AWT2000RS = **SL2RS2**

Delivery
*Call for multiple camera applications
*Radar also available as separate kit

AWT150C + AWTSL714MQ = **AWTSL714MQ150C**

AWTSL330C + AWTSL43M = **AWTSL43M330C**

AWT150C + AWTSL714MQ + AWT3000RS = **SL4RS3**

OTR
*Call for multiple camera applications
*Radar also available as separate kit

AWT150C + AWTSL714MQ = **AWTSL714MQ150C**

= **AWTQD-KIT**
*Required for Tractor/Trailer Applications

AWT150C + AWTSL714MQ + AWT3000RS = **SL4RS3**

Universal Van
*Call for multiple camera applications
*Radar also available as separate kit

AWT150C + AWTSL714MQ = **AWTSL714MQ150C**

AWTSL10C + AWTSL43M = **AWTSL43M10C**

AWT150C + AWTSL714MQ + AWT1000RS = **SL4RS1**

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* All Cameras, Monitors and Radars are Interchangeable. Please Call for Specialty Applications.

COMPLETE CAMERA & RADAR KITS (Recommended)

Refuse
*Call for multiple camera applications
*Radar also available as separate kit

AWT1020T + AWT07MLED = **AWT07MLED1020T**

AWT1020T + AWT07MLEDSD = **AWT07MLEDSD1020T**

AWT1020T + AWT07MLED + AWT3000RS = **HD4RS3**

Construction
*Call for multiple camera applications
*Radar also available as separate kit

AWT1020T + AWT07M2LED = **AWT07M2LED1020T**

AWT1020T + AWTSL503M = **AWTSL503M1020T**

AWT1020T + AWT07M2LED + AWT3000RS = **HD2RS3**

Mining
*Call for multiple camera applications
*Radar also available as separate kit

AWT1020T + AWT07MLED = **AWT07MLED1020T**

AWT1020T + AWT07MLEDSD = **AWT07MLEDSD1020T**

AWT1020T + AWT07MLED + AWT3000RS = **HD4RS3**

Armored Transport
*Call for multiple camera applications
*Radar also available as separate kit

AWT1020T + AWT07MLED = **AWT07MLED1020T**

AWT1020T + AWT07MLEDSD = **AWT07MLEDSD1020T**

AWT1020T + AWT07MLED + AWT3000RS = **HD4RS3**
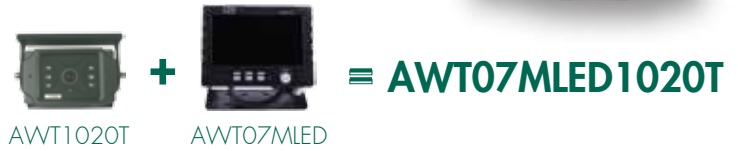
Concrete / Aggregate
*Call for multiple camera applications
*Radar also available as separate kit

AWT1020T + AWT07MLED = **AWT07MLED1020T**

AWT1020T + AWTSL714MQ = **AWTSL714MQ1020T**

AWT1020T + AWT07MLED + AWT3000RS = **HD4RS3**
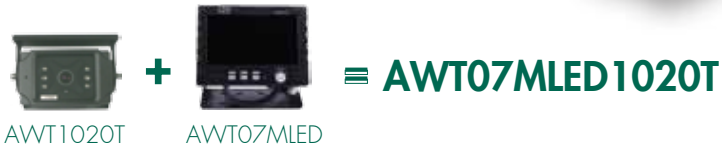
Military
*Call for multiple camera applications
*Radar also available as separate kit

AWT1020T + AWT07MLED = **AWT07MLED1020T**

AWT1020T + AWT84MSD = **AWT84MSD1020T**

AWT1020T + AWT07MLED + AWT3000RS = **HD4RS3**

* All Cameras, Monitors and Radars are Interchangeable. Please Call for Specialty Applications.

ADAPTER PROGRAM AND ACCESSORIES

"Plug 'N Play" has never been easier. Our custom built adapters fit all major competitor brands allowing you to effortlessly upgrade your current system to the industry leading 3rd Eye MobileVision™ brand.

*Please specify which camera system you are currently using when ordering

AWTCAGE
Heavy Duty
Camera Cage

AWTMIRRMNT
Camera Mount
for Side Mirrors

AWT-CabMnt
Camera Mount
for Side of Cab
(Must Specify Side)

AWT-AllyCamMnt
Camera Mount for
the Tailgate of the Truck
(Must Specify Side)

AWTSVLHD
Heavy Duty
Swivel Mount

Standard Cable
AWT065T - 65 ft.
AWT042T - 42 ft.
AWT025T - 25 ft.
AWT010T - 10 ft.

Extension Cable
AWT065TT - 65 ft.
AWT042TT - 42 ft.
AWT025TT - 25 ft.
AWT010TT - 10 ft.

AWT-WinMnt
Glass Mount for
Slim Line Monitors
(Removable)

BODY BUILDER CABLE

WHAT IS THE BODY BUILDER CABLE?

Body Builder Cable: The most advanced wiring and connector standard

At the request of several national refuse fleets, 3rd Eye MobileVision™ developed a "Pass-Thru" cable to act as the single "Communication Backbone" between the truck chassis and body for advanced video safety systems.

PURPOSE AND SCOPE

A single "Pass-Thru" cable terminated with heavy duty connectors would be the single "communications backbone" between the truck chassis and body.

The cable would support multiple electrical signals including analog video, audio and digital data. The cable is to be installed by the truck chassis OEM when an appropriate cable path is clearly visible.

The cab pre-wire cable is routed with the wiring loom of the truck cab when the truck chassis is manufactured.

The custom multi-conductor cable has 21 circuits that provide multiple functions including: DC low voltage power, ground video, audio, both analog and digital.

Non-proprietary connectors provide easy access and economical connectivity for advanced video, radar sensors and digital information technologies.

CAB ADAPTER # 29086

EXT CABLE #29073

SENSORS INTERFACE

3RD EYE #AWT030TT CABLE
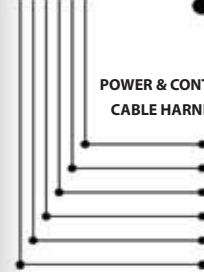
BB CAB PRE-WIRE CABLE

BB EXTENSION CABLE #29089

TAILGATE ADAPTER #29059

6 PIN Power Plug

Port "A" Camera In 6PminiDIN
Port "B" Camera In 6PminiDIN
Port "C" Camera In 6PminiDIN
Port "R" Camera In 6PminiDIN

Live Video Out (RCA - White Wire)
Live Audio Out (RCA - Black Wire)
A/V Video In   (RCA - Yellow Wire)
A/V Audio In   (RCA - Red Wire)
Camera Out   (RCA - Green Wire)

**CAMERA & A/V
INTERFACE HARNESS**

**POWER & CONTROL
CABLE HARNESS**

Ignition Power   (+9.6~32VDC - Red Wire)
Chassis Ground   (GND - Black Wire)
Reverse Trigger   (+9.6~32VDC - Blue Wire)
"A" Port Trigger   (+9.6~32VDC - Yellow Wire)
"B" Port Trigger   (+9.6~32VDC - Orange Wire)
"C" Port Trigger   (GND - White Wire)

The Preferred mounting location for the AWTI/3rd Eye monitor is overhead. Dual Steer trucks require the use of a swivel base. Camera and monitor controls are to be located for easy access within reasonable reach in all driving positions. If the truck cab has been pre-wired with the AWTI Body-Builder Cable kit please contact AWTI for in-depth documentation that will assist you.

AWT3000RS

Grommet Mounted Radar

Voltage: 10-28 VDC, Power: 0.6mA (12v)

Operating Temperature: -40°C to 85°C

Audible: 95db @ 3m, Range: Variable up to 30'

4" Grommet Mount for OEM Fit

All Weather Operation, 5 Year Warranty

AWT2000RS

Surface Mounted Radar

Voltage: 10-28 VDC, Power: 0.6mA (12v)

Operating Temperature: -40°C to 85°C

Audible: 95db @ 3m, Range: Variable up to 30'

Ruggedized Surface Mount Housing

All Weather Operation, 5 Year Warranty

AWT1000RS

Licence Plate Mounted

Voltage: 10-28 VDC, Power: 0.6mA (12v)

Operating Temperature: -40°C to 85°C

Audible: 95db @ 3m, Range: Variable up to 12'

Easy Mount for OEM Fit

All Weather Operation, 5 Year Warranty

Reduce Backing Accidents

The 3rd Eye MobileVision family of "Integrated Radar Systems" offer cutting edge solutions to protect both the public and your drivers. This system will continue to drive up profitability by helping reduce costly blind spot accidents while increasing peace of mind and productivity within the organization!

This ruggedized radar system utilizes your existing 3rd Eye MobileVision Camera cables for easy installation. With our integrated Doppler Microwave Technology, you will benefit from the advantage of object detection/collision avoidance even under the most extreme applications.

SYSTEM BENEFITS:
- Single Sensor Operation*
- Intelligent Technology
- Retrofit & OEM Solutions
- Integrates to Existing AWTI Camera Cable/Body Builder
- All Weather Operation
- 5 YEAR WARRANTY
- In-Cab Display w/Audible and Visual Warning
- Automatic Braking (Optional)

*MULTIPLE SENSOR SYSTEMS AVAILABLE FOR SPECIALITY APPLICATIONS

✓ SAVE LIVES
✓ PROTECT ASSETS
✓ LOWER INSURANCE
✓ REDUCE ACCIDENTS
✓ INCREASE PRODUCTIVITY
✓ INCREASE DRIVER RETENTION

NIOSH
Vehicle Blindspot

Blind Area
Convex Mirror Visibility
Flat Mirror Visibility
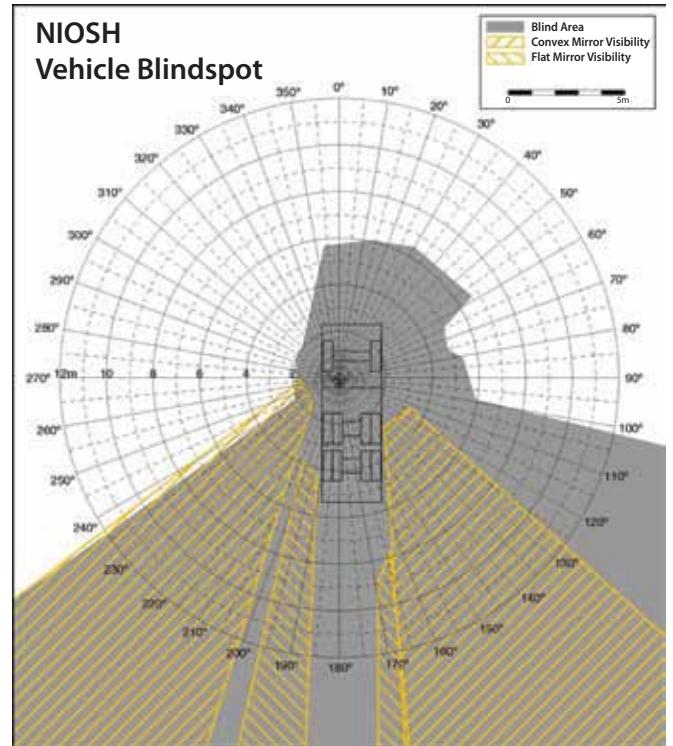
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J. MCGALE INDUSTRIES
YOUR PARTNER IN SAFETY

3rd Eye MobileVision™

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HOW IT WORKS: PressurePro's Original Tire Pressure Monitoring Systems continuously monitor tire pressures and temperatures using wireless RF technology to transmit data from stem mounted Sensors, to an in-cab display Monitor. Sensors have unique serial codes eliminating cross-talk and allowing custom baseline pressures from 8 to 300 psi.

Sensors

SYSTEM FEATURES
Real time pressure readings
Two low pressure alert levels
Variable high pressure alert
High temperature alert at 194°F
Pressures reports in psi, KPa, BAR
Built in RS232 capabilities
Complete data logging ability
American Made product
In-cab or remote monitoring

ALERT & REPORT DETAILS
1st level low pressure alerts at 12.5% drop
2nd level low pressure alerts at 25% drop
Variable high pressure alert, 10-45% increase
High temperature alert at 194°F
Data logging, storage of up to 90 days
Remote monitoring options

Reliable. Durable. Tough.

SYSTEM SPECS
Pressure Range = 10 to 300 PSI
Operating Frequency = 433.92
Temperature Range = -40° to 285°F
Sensor Dimensions = 1.01" x 1.11"
Sensor Weight = 17 grams
Thread Size = Large & Standard Bore
Power Requirements = 12 VDC
Operating Draw = <77mA
Monitoring Positions = 1 to 66

Market's quickest installation and simplest programming: With an average installation of only 30 minutes, PressurePro units can be easily installed during regularly scheduled maintenance. Powered by a 12V source, Monitors provide quick installation of Sensors requiring only a few touches of a button.

Sensor Information: Developed alongside GE Sensing and utilizing state of the art design and plastics, PressurePro Sensors are packed with over 22 years of top-of-the-line development and engineering. Utilizing specially designed lithium-ion batteries, PressurePro Sensors tout the market's longest Sensor life while superior component useage ensures the market's most durable product.

BENEFITS

Decrease Downtime & Maintenance: Real time tire information helps you identify and resolve tire issues before they become detrimental, helping keep your vehicles running & operational.

Extend Tire Life: Under inflated tires are the #1 cause of tire failure and contribute to tire disintegration, heat buildup, ply separation and sidewall/casing breakdowns.

Add Safety: Faulty tires aren't just costly, they are dangerous for your vehicle operators and maintenance crew. Real time monitoring and alerts add safety for your vehicles & workers.

The Best Choice for
DVR

H.264	Triple Stream	64CH CMS	EMAP	3G	AVI	Safari

- Triple stream - individual network video / 3G / record streaming
- GPS Timing function
- Ignition-off record (30sec~60min)
- 8 Alarm-Input
- Trays for easy HDD swap and support anti-shock up to 2G
- 3G phone remote view (iPhone / iPad / Window Mobile / Android)

Applications

Suitable for any way of transportation:
Transport Vehicle, School Bus, Taxi, Garbage Truck, Ship, etc.

3 Models Available

3G/ WIFI / IO / GPS   IO / GPS   GPS Only

GPS Information Record

GPS DVR supports latitude/longitude coordinates and driving speed along with additional information, tracks playback in Google Map.

G-Sensor & Events Status Record

Built-in G-Sensor can record X/Y/Z axis changes, supports ignition recording function.

Daylight Saving Time

Supports international daylight saving time, time set aside one hour automatically, eliminating the trouble of manually adjusting the time.

CMS   Mobile Surveillance Management Platform Software

Includes CMS software that can view real-time video and manages fleet while enhancing the overall scope of a simple GPS tracker.