

Video Access Mobile DVR solution for vehicle fleets



About Video Access

Video Access is a market leader in the field of Mobile DVR.

The company is renowned for the design and manufacture of robust Mobile DVR series designed to meet the demands of the Fleet management, build and implement top-class CCTV surveillance systems and solutions. Video Access develops and manufactures the Mobile video management systems, Mobile video recorders, control center and the other related products.

The Video Access Mobile DVR series is not only designed to meet the most demanding applications, but also offer the best price-performance ratio.

The Company's solutions are designed to increase the user system functionality and ability to efficiently monitor, store and manage their Mobile DVR systems.

The Video Access Mobile DVR is a multi-channel video surveillance system that utilizes the most advance digital video compression technologies (H.264) to bring you the highest picture quality and video performance.

Since its inception, Video Access has focused on developing and manufacturing Mobile DVR systems and continues to do so. The company continues to grow with one clear vision - its customers, and providing The Mobile DVR solution for any vehicle or fleet.



Solution Advantages.

- **High Quality recording video recording (D1 resolution).**
- **GPS support**
- **Advanced software solutions for the Fleet Management.**
- **Advanced network solutions in the vehicle (Full Router/WIFI/3G features).**
- **Audio conference with the Driver.**
- **Video Access Server can work with 3G and WIFI connections in order to save the 3G data costs (e.g. Automatically download video files when the vehicle is connected to the WIFI network).**
- **Advanced technology for high quality video streaming on limited bandwidth (Variable stream from D1 to QCIF).**
- **Optional: Anti-Temper box for the Video Access Mobile DVR.**



Video Access Hardware solutions

- H264 compression.
- Up to 8 video channels.
- 100 FPS – D1 resolution (704X576) (4CH DVR system).
- Advanced GPS support - The Video Access Mobile DVR transmits the GPS data to the Server, and also store the GPS data on the DVR for backup.
- RS – 485 on board (PTZ).
- Up to 4 channels High Quality audio.
- Audio conference with the Driver.
- 2.5" HDD compatibility (Up to 1TB).
- 4 Alarm inputs, 1 Alarm output that can be controlled via the Video Access software.
- VGA and 2 Composite video outputs.
- Advanced technology for high quality video on limited bandwidth.
- Shock Resistant DVR case.
- No fans (cooling) needed.

Front View



4CH Rear View



8CH Rear View



Video Access Hardware solutions



Video Access Power Supply

- 7V – 36V working voltage input.
- 12V/3A output for cameras, Microphones, Router, etc...
- Up to 36 hours delay from ignition off.
- Alarm Input – This input can be connected to the Vehicle alarm, It will load and start to record after 20 seconds.

Video Access 4G Router

- Two LAN inputs.
- Basic router settings.
- Full 4G modem functionality.
- Advanced WIFI network and features.
- External antennas for the Cellular and WIFI connections for maximum signal.



Vehicle Layout

Up to 4 Covert, Dome,
PTZ or any type of
cameras cameras



GPS Receiver



Video Access
Mobile DVR



Video Access
Power Supply



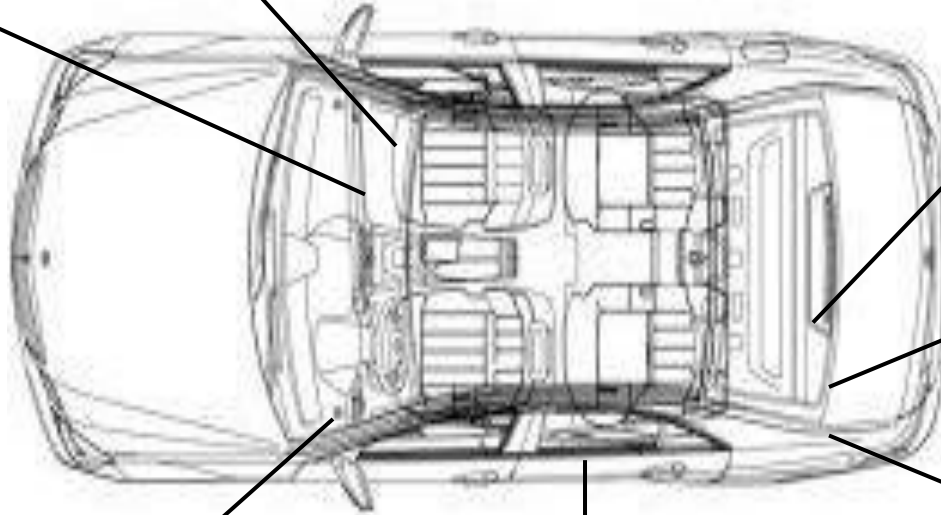
Video Access 3G
Modem WIFI Router
with External antennas



Panic Button for the
Driver



LCD Advertising Monitor
or Interactive Tablets



Video Access Software solutions

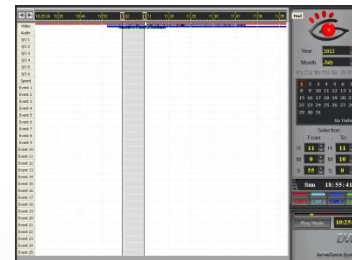
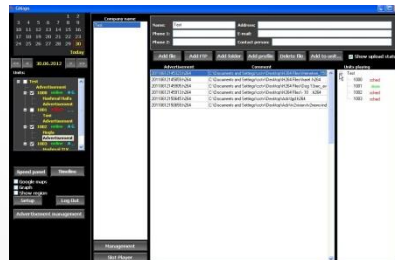
Video Access Software has been designed especially for the Fleet Manager needs.

The system allows the manager to request GPS/Video from any unit and receive the information automatically to his desktop when the data is being downloaded from the DVR.

- Control, Download, Watch and Manage unlimited number of units.
- Advanced network features – Work with cellular and WIFI together (Saves 3G data costs)
- Automatic download from any unit – The Manager can ask the Video Access server to download the video files from any unit once the vehicle will arrive to the depot and will be connected to the WIFI network.

High quality video files can take a lot of time and cost considerable amounts of money to download if using the 3G network especially in large vehicle fleets.

- All In One player for the video files and the GPS details.
- Receive, Manage and Download the GPS data from the units.
- Advanced Interrogation and Statistics analyse system for the GPS data.
- Advanced Remote control software client.
- Advanced, fully operating Advertising software including fully automatic upload process.



Solution for Vehicle Fleet

Outside the Depot
using the 3G network

Video Access Main Control



Playback of
Downloaded files

Depot 1 - 100

Video Access Local Interrog
and storage server

Cellular Network



1. Every vehicle is connected to the Main Control Center via the 3G network and can be fully controlled from the Main Control Center when it's outside of the depot.
2. The vehicle will connect to the Depot's WIFI network when it will arrive to the depot area (This procedure is optional and Video Access developed it in order to save 3G data costs for the organisation).
3. The DVR will upload all the recorded files and the GPS data by WIFI and will be stored on the main storage server.
4. Each Server in the depot is storing the recorded files of the vehicles in the depot area, the Depot servers are connected and controlled by the Main Control Center.
5. The Main Control Center can Monitor the GPS, watch Stream, Download files from any unit located in the depots (Using the WIFI network) and outside the depots (Using the Cellular network).
6. The Video Access servers in the depots can be used for interrogation for the local Manager

Video Access Special Advantages

- Hardware and Software are being developed in house.
- Tailor – Made solutions per customer.
- Software was developed mainly to answer the needs of the Fleet manager.
- High quality recorded video and stream from the DVR.
- GPS data backup for up to 1 year on the DVR.
- Automatic process for Download and Upload data from and to the DVR.

- Built – In Advertising System (Not enabled by default).

Video Access Advertising system enables the Manager to upload and play any video on the external monitors connected to the DVR (VGA or RCA). This option gives the corporation a chance to make extra income from selling the airtime to the Advertising companies.

The Video Access software can Download, Convert, Upload and Manage the files automatically by Date and Time of the day.

Our Advertising system is an Interactive system (Android based) which enables the Company to increase their income and reputation by giving their customers the option to use the features our system offers (Internet, Email, Games, Movies, Music and more) and to charge the customers for the service.

