

## Visual Tracking Solution

- In-Vehicle Video Recording
- Web Based Centralized Management
- 3G - Live Video Streaming
- 5.8GHZ WiFi Enabled
- Automatic Video Download



Buses, trucks, goods and passengers security/safety are central concerns for **WhiteOwl<sup>®</sup>** as much as they are for business owners and business administrators everywhere.

The fleet operations efficiency, safety & security including staff performance will be enormously enhanced. Daily video recording in-vehicles and the live video streaming access by the management and managers in-charge will facilitate real time vision for all fleet, drivers and operations everywhere day & night providing the ability to make the right decisions on the right time.

Recording and documenting fleet operations will give the privilege for the management to evaluate the drivers, floor managers and workers performances and will avoid and protect them against falls legal claims in case of incidents.

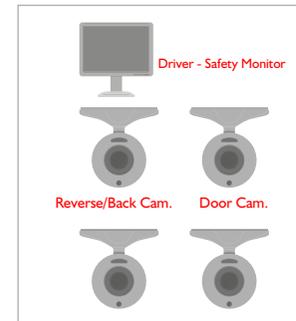
The solution designed and engineered by security & safety experts in automotive field and made of high quality (Japanese - American) components using latest technology specially engineered for harsh outdoor operation.

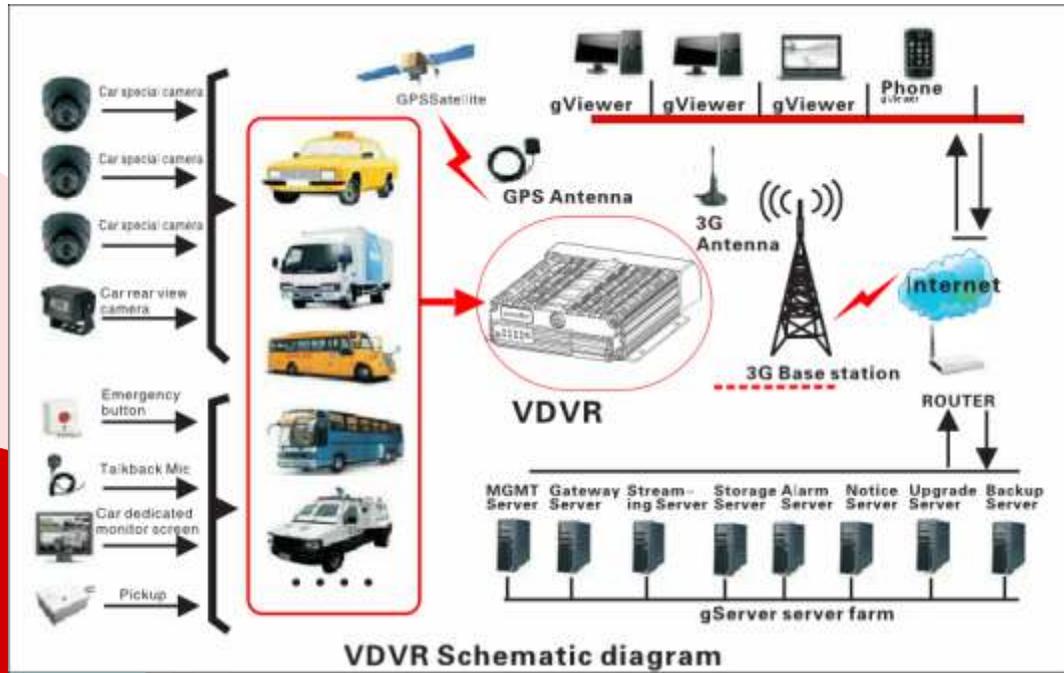
### Improve

- Vehicle/Assets Security
- Passenger/Goods Security and Safety
- Operation Efficiency
- Driver's & Staff Efficiency
- Decision Making

### Eliminate

- False Legal Claims
- Vehicle/Passengers/Goods Risks and Threat
- Cost of Assets/Goods Damage
- Vehicle Abuse
- Vehicle/Goods Theft





VDVR product application connection diagram

Please refer to the figure above, This product can be used for video surveillance or remote monitoring which applies in common or special vehicles such as buses, logistic vehicles, trucks, long-distance coaches, taxis, tankers, cars, school buses, police cars, petrol cars. In front-end it mainly collects video signals by dedicated automotive camera, then transmits to the VDVR host via a special video cable to do the video compression and image processing, which is locally storage in SD card. It can also be remote monitored or remote video recorded and downloaded by the remote client if with 3G models. It can real-time locate the vehicle position; the figure above schematic diagram is a common mode of application, each function during actual use will vary with the presence of module.

Unit: mm

**Device structure and Size diagram(1)**

**Indicators Illustration**  
 Panel lights instructions:  
 AV-Out: Audio and video output.  
 SD1/SD2: Video SD card Indicator, Light on when the SD card exists.  
 REC: Light on when recording.  
 GPS: Light on when GPS module exists.  
 Power: Light on when power supply on.  
 ALM: Light on when the machine in up normal.  
 CAM: Light on when video input 1,2,3,4 has signals; other wise light off.  
 3G: Light on when 3G communication module exists.  
 IR: Infra red receiver receives the remote signals.

**Schematic diagram**

**Install SD card and SIM card**  
 Firstly host keys must turn to the un-lock position, then push to open the SD card protection cover, insert SD card into slot by SD card face up, then close the protective cover; lock: it is necessary to shut down the electronic lock before normal starting up, the electronic lock of host is shut down only when key position twists from un-lock to another position, and the host will start up when power on; if twist the electronic lock to un-lock position when device is under normal working status, the system will uninstall the SD card and then extend 3-8 seconds to shut down.  
 SIM card: the host can be inserted by one SIM card under normal circumstances, two cards can be inserted when customized, SIM card insert way: metal side up, notch forward.

## Interface Definition and Functions

The VDVR overall appearance & structure diagram (model ONE)