

# SPECIFICATIONS

## Vehicle DVR

### Introduction:

Auto black box is a security system to install inside the car to get prepared for traffic accident, taxi robbery, and stolen/damage of vehicles.

It senses shock automatically by gyro-sensor, and images for before and after 30 seconds based on shock time will be recorded automatically together with separate event record, and so you can utilize these as perfect evidence for accident. It is a state-of-the-art electric part product applying our industrial DVR technology and power supply control technology and sensor technology.



**SED-DVR-VD102H**

**Made in Korea**

**Provide clear evidence at the time of accident (Correspond to accidental dispute)**

**After analysis of accident, fundamental data to improve traffic system and environment of road can be provided**

**By building driving data DB, you can improve your driving habit and can prevent traffic accident**

### Features:

- **High Definition Video (wide picture angle and high-definition lens)**  
Recording the resolution of 1280X1024 is available by applying a high performance of 1.3M CMOS. Clear video recording of the incidents by providing high definition video.
- **Using its own LCD**  
With 2.4" LCD mounted, the definite installation of the product and on-site verification is also available. The real-time live video and stored images can be confirmed by LCD immediately on site. Changing a variety of settings is available through the menu by LCD.
- **Data base**  
Even though the file system is broken in the worst case, the image can be recovered due to the direct control of the file system. Direct control of the SD Card's FAT32 (processing the number of using the whole memory averagely). In case of using as a file form, it uses the area of memory's Root directory extremely lot (reducing the causes of the SD Card errors).
- **Multi function**  
The function of recording any time during the self retrieving, providing the simultaneous event recording function. When an incident occurs, it saves the details of the instant situation of the moment when the impact occurs instantaneously to guarantee the data for the later analysis of the cause of the accident.
- **Exclusive Viewer**  
The stored video images and the event video images can be played. Supporting the linkage with Daum and Google maps. Output of the saved G-Sensor information in a graph is available. The video and audio information of the desired time zone can be saved by AVI.
- **Built-in GPS and G-Sensor**  
It detects even a subtle vibration automatically by playing the built-in GPS and G-Sensor at the same time when an incident occurs while driving a vehicle (analyzing such data values as speed, coordinates, impulse), and saves the information of the location, speed, time, and driving status, etc. of the moment of the accident in detail.
- **Voice recording function**  
The built-in condenser microphone records the sound inside and outside of the vehicle (setting whether to record or not is available).

Item	Specifications
Camera	1.5M pixel CMOS DIGITAL CAMERA
Recording resolution	1280x1024(15f/s)
Recording format	H.264 codec
Recording	Continuous recording. Event information recording Emergency button (1 frame per second after accident).
Voice	G.711 PCM compression
GPS	External GPS (Option)
G-SENSOR	Built-in 3-axis G-sensor
Storing device	Supporting 2GB SD, SDHC (supporting up to 2G~32G).
Built-in clock(RTC)	Operation International RTC before receiving GPS signal, Reference GPS time setting after receiving GPS signal
Shut off	Data saving with safe mode status
Viewer	Playback, Analysis of G-sensor, Linkage with Google map
Rated voltage	7V~28V DC
Size	80mm(W)x60mm(H)x20mm(D)
Others	LCD(TFT 2.4 inch) Exclusive viewer

