

## iView Lite Mobile Video Recorder



### Near 360° Recording - Installs in 5 Minutes

a video recorder for vehicle, consists of two cameras, microphones and a player to record front and interior views and play and analyze the video images

- Twin cameras with a wide-angle view.
- Compact and extremely affordable.
- No incident is too small to be unnoticed, captured digitally.

The iView is perfect for law enforcement or personal use, Fleet Management, Accident reconstruction, Professional fleet and car racing driver training, and student driver training.

The two cameras plus audio channel provides a "third eye" observer. It also features on board digital video recorder with GPS, Speed readings and an external alarm trigger. Video is continuously recorded in a loop allowing you to see what happened before and after an accident.



- 1 Front Camera View through windshield
- 2 Second Camera(Rear-View) Looking inside the vehicle
- 3 Vehicle Speed Determined by GPS
- 4 Direction of Travel
- 5 GPS Coordinates
- 6 G-sensor data(X,Y,Z)(Accelerometer)

PC PLAYBACK SCREEN



#### Dual cameras

143-degree front camera and 170-degree rear camera record front and interior views at the same time while the car is driving.



#### Built-in GPS

Built-in GPS lets the driver know traffic safety and other related information and supplies and saves location information and speed during the recording.



#### Built-in G-sensor

Built-in G-sensor saves information on the shock applied to the vehicle during the driving and the value of pressing an accelerator or a brake or the value of collapsing with other vehicle.



#### External emergency recording button

When the user presses the button, the image data saved during 1 through 3 minutes before and 1 minute after the accident according to pre-set values is protected without being overwritten with other images.



#### External Alarm Button

2.5meter-long external emergency recording remote controller having the same function of the emergency button. When the user senses a certain risk, he/she may activate the emergency record button by using the remote controller



#### Night vision with Infrared Light Module

It is possible to record the view inside the vehicle even at night with Infrared Lighting Module



#### SD memory card

Data is saved on the compact and easy-to-use SD memory card



#### Display window

This window displays the current state of the goods, driving speed, hour, road condition or other message.



#### Video and audio record

not only front and rear view but also inside sounds and dialogues are saved



#### Continuous recording

All of information during the driving is continuously recorded and saved. If SD memory card is full, old files are "overwritten "with new ones in the order.



#### Protect accident images

When G-Sensor senses the shock exceeding a designated amount of shock or the user presses the emergency record button, the relevant data will be protected without being overwritten until the user cancels the protection



#### Play video and audio data

It provides reverse play, stop, move to previous or next scene, fast play, fast reverse play and other functions.



#### VGA

Recorded image can be played in the maxim 640x480 of VGA quality.



#### Data analysis

Data values can be easily analyzed with information on the speed, coordinate, gravity, acceleration and sensor value at the time of shock collected from GPS and G-sensor.



#### Online map link

The driving course can be checked on the map by linking the measured coordinate value with the online map, using G-sensor's information



#### Convert to AVI file

It is possible to convert any image you want to AVI files with the covert button, which can be played without its own view program.

## Product Specifications

<b>CPU</b>		ARM (OS: Linux, Flash: 8MByte, SDRAM: 32MByte)
<b>Camera</b>	<b>Sensor Type</b> <b>Resolution</b> <b>Optical Format</b> <b>Pixel Size</b> <b>S/N Ratio</b> <b>Dynamic Range</b> <b>Lens Angle</b>	CMOS VGA (640*480) 1/4" 6*6 (Micro Meter) 50dB 60dB 170 degree (Total: 340 degree)
<b>Interface</b>	<b>Debug Key</b> <b>Display</b>	RS232C 1Port 2 Port : Menu, Event Key 4 digit FND
<b>Video</b>	<b>Compression Type</b> <b>Recording Size</b> <b>Frame Rate</b>	M-JPEG VGA (640*480) Max 16 frames / sec @ VGA (external IR adapter)
<b>G-Sensor</b>		3-axis, collision, brake, acceleration detection
<b>Audio Recording</b>		Built in Micro phone
<b>Recording Time</b>		60~90mins mins @ VGA 16 frames/sec 2GByte SD CARD, 90 mins at lower resolution (up to 12 hours on 16gig card)
<b>Storage Device</b>		SD Memory 2gig supplied. 8/16gig optional.
<b>GPS</b>		Built in Module with Speed Camera Locations (pending)
<b>Operating Temperature</b>		-20 ~ 70 (Celsius)
<b>Power</b>		DC 8V ~ 36V Car Power



Smooth post-accident process and settlement of dispute by using DR

When an accident actually takes place, the accident is promptly and smoothly settled by using recorded accident data and information on the accident .

## Product Images

