

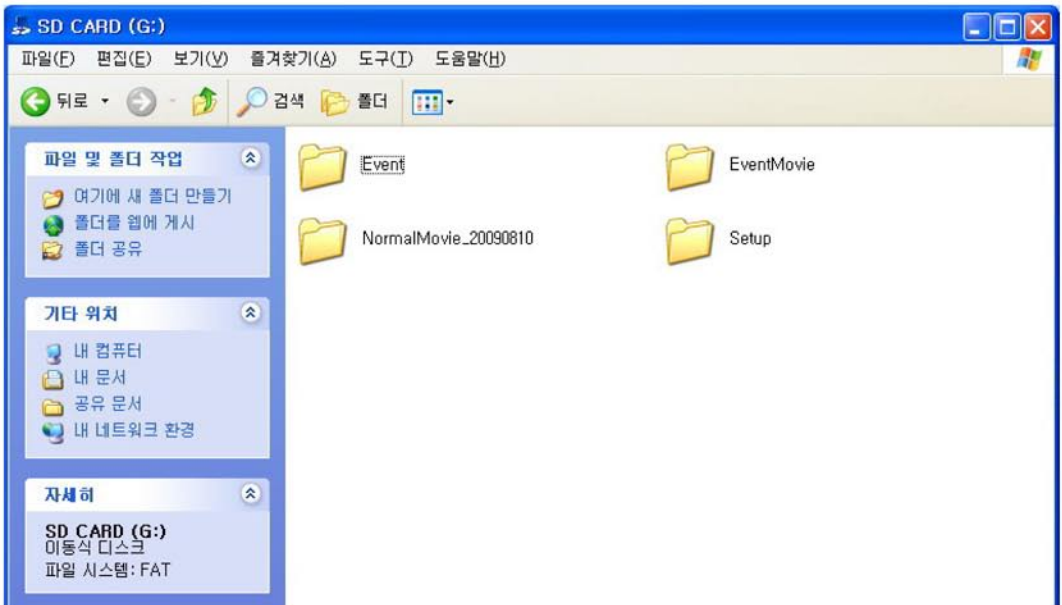


**\*\*\* Please insert SD Card provided into JS 300(G) Device first and power on when you get it as above image.**

## 1. START JS 300G

When you get JS 300(G), please insert SD Card provided to JS 300G and power on to start JS 300(G).

After inserting and power on, all the necessary folders in SD Card for operating device would be created automatically. It is essential process to insert SD card and power on the device when you get JS300(G) since all the configuration setting values, such as Recording, GPRS and Channel option, Updated Firmware, are saved into SD and reflected on the device through it.

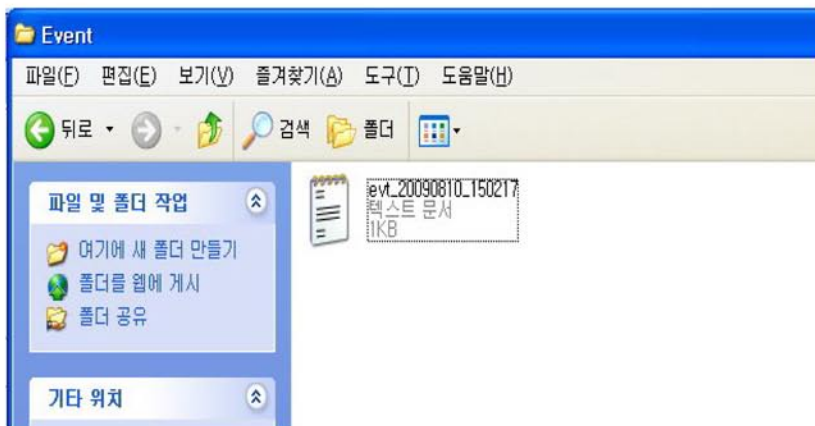


## 2. Firmware Update / Configuration Set

- Please take out SD Card from JS 300(G) and insert the Card which created the necessary folder as the above image. (Configuration Setting Values will be saved into "Setup" folder automatically after setting.)

## 1.Event Folder

On the Event Record Mode, JS-300 / JS 300G is recording the time, file name, G-Sensor Data and GPS Data and save it on the name of "evt\_yyyymmdd\_hhmmss.txt" when the event occurs.



Event Folder

## 2.EventMovie Folder

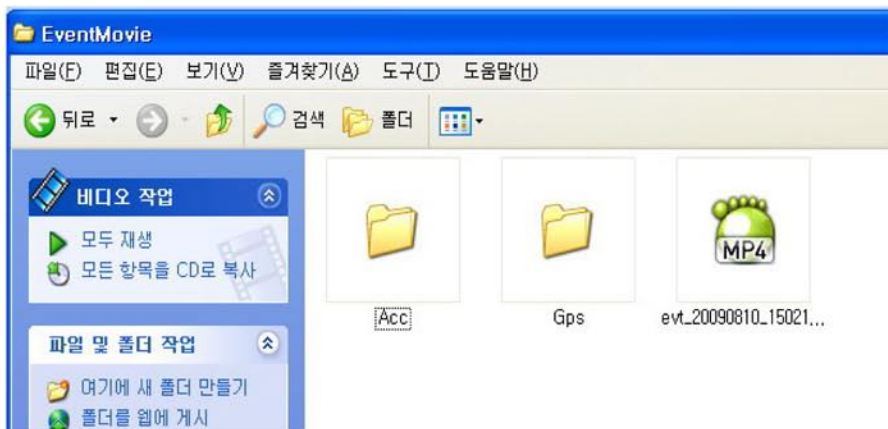
On the Event Record Mode, JS-300 records for the maximum 30 seconds of video and audio and save it on the name of "evt\_yyyymmdd\_hhmmss\_1.mp4" in this folder when the event occurs. ( "evt\_yyyymmdd\_hhmmss\_2.mp4" for 2channel)

### EventMovieWAcc Folder

G-Sensor Log on the Event Record Mode is saved on the name of "acc\_yyyymmdd\_hhmmss.txt" in this folder.

### EventMovieWGps Folder

GPS Log on the Event Record Mode is saved on the name of "gps\_yyyymmdd\_hhmmss.txt" in this folder.



EventMovie Folder

### 3. NormalMovie\_yyyymmdd Folder

On the Normal Record Mode, JS-300 records video and audio and saves it on the name of "drf\_yyyymmdd\_hhmmss\_1.mp4" in this folder.

(\* "drf\_yyyymmdd\_hhmmss\_2.mp4" for 2channel)

When the saved file number in the folder is reaching to 100th, another new folder is created and the file from the 101st is saved into the new folder.

#### NormalMovie\_yyyymmdd WAcc Folder

G-Sensor Log on the Normal Record Mode is saved on the name of "acc\_yyyymmdd\_hhmmss.txt" in this folder.

#### NormalMovie\_yyyymmdd WGps Folder

GPS Log on the Normal Record Mode is saved on the name of "gps\_yyyymmdd\_hhmmss.txt" in this folder.



Normal Movie Folder

### 4. Setup Folder

Environment Variables and G-Sensor Calibration Data files are saved into this folder.



Setup Folder



## GPRS Configuration Set

Click Configuration Setting button,  on JS 300 Viewer Program. Then, click GPRS Tap and the below GPRS Configuration setting image will pop up.

|          |   |
|----------|---|
| <b>1</b> | <p><b>GPRS Bearer</b></p> <ol style="list-style-type: none"> <li>1. IP Address: Proxy Server IP Address. Proxy Server can be skipped when it is not used.</li> <li>2. APN : Access Point Name</li> <li>3. Proxy port : HTTP Proxy port (TCP)</li> <li>4. User ID : Authentication User ID</li> <li>5. Password : Authentication Password</li> </ol> |
| <b>2</b> | <p><b>SMS phone number</b></p> <p>Type a phone number which SMS is sent to.</p>   |
| <b>3</b> | <p><b>FTP</b></p> <ol style="list-style-type: none"> <li>1. IP Address : FTP Server IP Address</li> <li>2. User ID : Authentication User ID</li> <li>3. Password : Authentication Password</li> <li>4. Port : FTP port</li> </ol>   |
| <b>4</b> | <p><b>Send period</b></p> <p>Set the interval to send.</p>  |
| <b>5</b> | <p><b>Send via</b></p> <p>Set the protocol which SMS is sent via.</p>   |



### GPRS Functions (GPRS Function is only for JS 300G)

#### GPRS Specification

- Quad-band EGSM 850 / 900 / 1800 / 1900 MHz
- Output power
  - Class 4 (2W) @850 / 900 MHz
  - Class 1 (1W) @ 1800 / 1900 MHz
- Sensitivity
  - 107 dBm (typ.) @850 / 900 MHz
  - 106 dBm (typ.) @ 1800 / 1900 MHz
- GPRS class 10
  - 3 time slots in RX (43200 bps max) and 2 time slot in TX (28800 bps max)
  - 4 time slots in RX (57600 bps max) and 1 time slot in TX (14400 bps max)

#### GPRS Functions

- **Yellow LED** blinks under GPRS disconnection and it is lighting continuously when GPRS is connected and available to data Tx / Rx.
- When GPRS Data is transmitted or received, **Yellow LED** blinks at 0.1 second interval.
- JS-300 provides to transmit the below data such as G-Sensor value, GPS data through SMS to the designated number.

```
Date : 2009-02-01 04:19:30
G-Sensor : X=-0.02, Y=+0.93,
           Z=-0.03
Latitude : 37.237981 N
Longitude : 126.508762 E
Speed : 51 km/h
```

- JS-300 provides Data Transmission function through FTP and Snap shot files on JPEG format can be transmitted to the designated FTP Server.

**\*JS 300G has just basic GPRS functions due to the fact that the detailed GPRS functions are different by every single customer. Then if you need any other GPRS functions, please contact us.**  
+82 (0)2 548 9255 / kprokorea@kprokorea.com



## How to use Viewer Program

Double click Viewer Program Icon 








Viewer Program Main Screen





|   |  |
|---|--|
| 1 | Playback Display   |
| 2 | Slide Bar<br>= shows a play back progress and users can start play back a file on a specific part with moving it,    |
| 3 | G-Sensor Graph<br>= It shows G-Sensor data with graphs,  |
| 4 | Menu Button  |
| 5 | Speedometer and Compass  |
| 6 | Google Map<br>= Users can track the driving route with GPS location data saved with the video file through this map, |
| 7 | Playback list  |
| 8 | Indicates the video file route currently played,   |
| 9 | Additional Information Display<br>= It shows additional GPS and G-Sensor information,                                |

## O3Playback

### Menu Button and Control




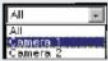
| Button and Control  | Function               | Description   |
|---|------------------------|---|
|  | Volume Control         | It controls the play volume.  |
|  | Stop                   | Stop playing and back to the start of the playing file.   |
|  | Previous               | Play the previous file when selects the plural files and views in series.   |
|  | Play / Pause           | Press this key to pause during playing, Press once again to back to play.   |
|  | Next                   | Play the next file when selects the plural files and views in series.   |
|  | Full Screen            | Playback on Full size screen.<br>★To be back to the standard screen size, double click Full size screen or press ESC. |
|  | Playback Speed Control | It controls the speed of playing, either slower or faster.  |
|  | Report Print Out       | Making a reporting file with Snap shot image, G-Sensor Graph and Map...etc.   |
|  | Configuration Set      | Setting Operating configuration   |
|  | Program Information    | Shows the current Program Version Information   |

### Google Map Control



| Control   | Function  |
|---|---|
|   | Map Tracking, Map Zoom In / Out<br>★Satellite Map view is providing smaller scale than Normal Map View. |
|  | Select Normal Map View / Satellite Map View / Overlay Map View  |

## 03 Playback

### Play List Button and Control

| Button and Control   | Function   | Description  |
|--|--|--|
|  | Open Folder  | It selects the folder to play.   |
|  | Delete   | It deletes the selected file and G-Sensor, GPS Log file which were saved together.   |
|  | File recorded on Normal Mode / File recorded on Event Mode | It selects and lists the files recorded on Normal Mode / Event Mode.<br>★ In the case of the file recorded by 2channel, it would deletes the file recorded by 1channel together. |
|  | Camera Channel Select filter                               | It selects and lists the selected camera file when playbacks the file recorded by 2channel.  |

### Other Buttons

| Button and Control  | Function                                   | Description   |
|---|--|---|
|  | Open / Close additional information screen | It opens or closes the additional information screen which shows the additional GPS and G-Sensor information. |
|   | Minimize / Close Window                    |   |