

# IROAD

QUALIFIED VIDEO RECORDER OF VEHICLES

JAEWONCNC

# AEV<sub>Wi-Fi</sub>

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# INSTRUCTION

Read user manual carefully in order to protect the user's safety and ensure the accurate use of the product

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**PRODUCT WARRANTY CARD**

## THANKS FOR CHOOSING JAEWONCNC IROAD VEHICLE RECORDER

This manual contains how to operate product and guide you to use correctly, Please read carefully before using product. This manual is based on IROAD DEFENDER model, might be able to have errors caused by user's editing or disassembling. This manual might be modified for product's upgrading.

### ⦿ GUARANTEE AND SUPPORTING

- 1 . Please visit our website [www.iroadkr.com](http://www.iroadkr.com)
- 2 . Dedicated viewer, latest firmware and other product informations are available to download from the website.
- 3 . JAEWONCNC is not responsible for any problem while using violations listed in the instruction manual.
- 4 . This product can be recording accidents and available to use the recorded data but JAEWONCNC is not responsible for product failure and loss of data. Even It might not be able to record by just minor impact.
- 5 . This product might support accident proof but JAEWONCNC is not responsible for the situation.

### ⦿ COPYRIGHTS AND TRADEMARK

- 1 . This manual is legally protected by copyrights, all copyrights reserved to JAEWONCNC.
- 2 . This manual is property of JAEWONCNC, no one is allowed to attempt to make a copy, editing and translations.
- 3 . JAEWONCNC has rights to IROAD (Name, Deigns, Brand image), any unauthorized use of IROAD will be treated as serious legal punishment.

### ⦿ VOLTAGE POWER

- 1 . Please make sure to use recommended stable voltage only.  
This may cause product failure and fire accidents, explosion or damage to the vehicle.
- 2 . Do not arbitrarily disassemble and modify the product otherwise it might cause damage of the product and electric shock. It should be considered user's fault and void the warranty.
- 3 . Make sure that the power cable is not cut or damaged when attaching other electronic gadgets on the vehicle, otherwise it can cause product failure or danger of electric shock,  
Please use qualified power cable which is produced by JAEWONCNC(IROAD).
- 4 . It is highly recommended not to connect the uninterrupted power cable to vehicle because it can cause malfunction of the product by different conditions of vehicle and surrounding environments.  
(Please contact professional engineer if needs to install it)

### ⦿ INSTALLATION

- 1 . Do not install Vehicle Recorder on interruption position of driving. It may cause an accident.
- 2 . Do not install Vehicle Recorder to where humidity is high and near explosive stuffs.  
Otherwise it may cause explosions or fire.
- 3 . Make sure all cables are completely connected to Vehicle Recorder.

#### ⦿ THE RIGHT USE

- 1 . Do not operate Vehicle Recorder while driving. Park vehicle in safe place and operate the product.
- 2 . Do not too much press product or lens, otherwise it may cause product malfunction.
- 3 . Please avoid flammable or explosive stuffs around product.  
Do not insert any other objects into the SD Card slot. Electric shock or fire may cause.
- 4 . When you changed product location, please recheck the angle of the product lens.
- 5 . The image quality might be able to get lower when you enter the tunnel because of backlight.
- 6 . Recording quality might be reduced by excessive tint.
- 7 . Image quality might be able to get poor if there is not moderate temperature.

#### ⦿ MANAGEMENT

- 1 . Turn Recorder off where is direct sunlight or high temperature. It may occur device malfunction or fault.
- 2 . Memory card is a consumable item which should be replaced when use it for a long period.(6 months)
- 3 . If it used long period time, it would be shorten the lifetime of memory card. You may not be able to save video data normally in this cases. Periodic SD card format and recording check are required.
- 4 . Please confirm that the product works normally before driving.
- 5 . Do not remove SD card or turn off the power cable during the firmware updating.  
It may cause malfunction or loss of data.

### ◎ MEMORY CARD AND PRECAUTION

- There is the lifetime of memory card for rewriting which is expendable product  
Some errors could occur if the lifetime of memory card reached or being stayed in high temperature environment  
Periodic care is required
- Please purchase genuine IROAD memory card for preventing incompatibility problem  
Warranty of memory card is covered only when using genuine memory card which is designated by IROAD  
The terms of IROAD genuine SD card is 3 months from the purchasing date
- Recording time may differ depending on the situation and surroundings that could be rewritten by long term recording
- Please make sure to remove SD card after turning REC LED off  
It can cause damaged video or memory faulty and the lifetime of memory card shorten
- Product is only permitting recording files and AEV program, any other files will be deleted in order to keep stability  
(Please using the SD card for the product only, Otherwise it will be deleted)
- Please format 2 times for every month to keep memory stability
- Recommend to use format function of viewer program  
3~5minutes of initializing time are required when you start first, Please do not disconnect power cable or remove the SD card



### Wi-Fi

- Playback recorded images or confirm real-time recording on smart devices via Wi-Fi
- Saving and backup recordings on smart devices via Wi-Fi
- Configuration setting and upgrading firmware via Wi-Fi



### Micro SD Memory

- Automatic SD Card recover



### Voice Recording & Voice Guidance

- High quality Sound Recording
- Clearer Voice Guidance by built-in speaker



### High Intensity Security LED

high intensity LED makes it possible to check outside whether product is working. So as to prevent beforehand vehicle theft and accident



### High Quality Video

- Real High-Definition(HD) 1280x720p , 30Frames



### Variable Recording Mode

- Automatic Parking Mode and Motion Detect Function
- Impact, 24 hours Recording Mode



### External GPS

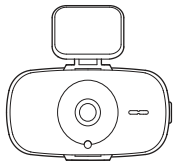
- Driving information via external GPS
- Time, driving path, direction with recorded video



### Dedicated PC Viewer & Smartphone Playback

- Playback recorded data, Set various functions on dedicated PC viewer
- Playback recorded images or confirm real-time recording on smart devices via Wi-Fi

## ◎ IROAD AEV Basic Components



Camera / Cradle

IROAD Genuine  
Micro SDCigar Jack  
Power Cable

Instruction

## ◎ IROAD AEV Optional Product



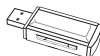
Wi-Fi DONGLE



External GPS Antenna



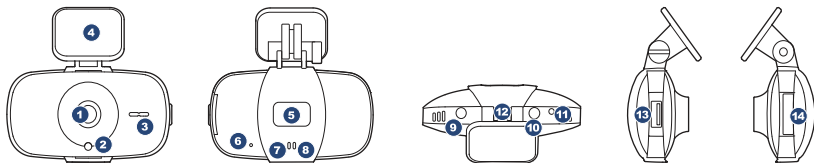
Video Out Cable



SD Card Reader

The picture of this package may differ from the real  
The images of components can be different from the real and some can be changed



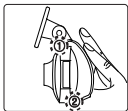


- 1 Camera
- 2 Security LED
- 3 Speaker
- 4 Cradle
- 5 Wi-Fi Registration Button(Short Press)  
Voice Recording On/Off(Long Press)
- 6 MIC
- 7 GPS LED
- 8 REC LED
- 9 DC-IN
- 10 TV Out Slot(V-OUT)
- 11 External GPS Connector
- 12 Cradle Connector
- 13 Wi-Fi USB Slot
- 14 Micro SD Slot

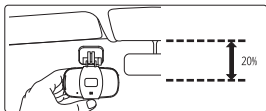
CAMERA / RESOLUTION	HD CMOS Sensor(2,0M) / 1280x720p (HD) / 800x450
FRAME / VIEW ANGLE	Max 30fps / 130 ° ±5%
ILLUMINATION	More than 0,5 LUX
VIDEO / AUDIO FORMAT	H,264 / ADPCM
Wi-Fi	External Wi-Fi Dongle
G-SENSOR	3 Axis Acceleration (3D, x y z)
MEMORY CARD	Micro SD/SDHC 4GB ~ 64GB
SAVING / LED	Over Writing / High Intensity LED
SYSTEM TIME / GPS	Built-in RTC(Automatically Sync by GPS) / External GPS Type
MODE	Normal/Event, Manual/Parking/Motion Detect
VOICE / AUDIO	High quality MIC, (ON/OFF/MUTE) / Built-in Speaker, Voice guidance
VOLTAGE / TEMP / TEMP(Storage)	12~24V / -20 ° C ~ 80 ° C / -20 ° C ~ 90 ° C
PLAYBACK / FW Update	Smartphone(Wi-Fi)/Dedicated Viewer / Support firmware update(Wi-Fi)
Weight(Main body)	58g (Except MicroSD card and transparent cradle)
Size(Main body)	91(W) x 47(D) x 33,3(H) mm

- Specifications above can be changed without prior notice in order to improve performance of the product

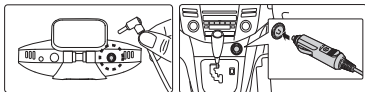
1. Press the cradle to fit into the right notching place until hearing sound "click" ① ② sequentially



2. Insert Memory card into the slot and remove adhesive double-sided tape
3. Select the mount point and adjust recording position of camera lens. Please make sure of that attaching without obstacle for the recording view



4. Front view angle could be depending on vehicles. Generally vertical position is required
5. Connect DC power jack to power socket of product then, connect into cigar jack socket.

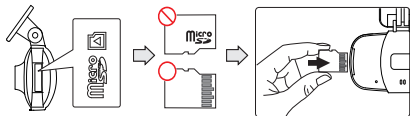


There will be Voice Guidance to start recording after booting-up and turning all LED on

6. Clean up the power cable and camera wiring with cable holder or using edge part of vehicle



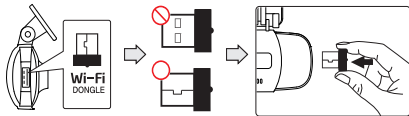
### ⦿ INSERTING SD CARD



- Please refer the picture shown, there are some cases cannot be possible to insert SD card  
Please check accurate position of SD card
- Insert SD card until hearing the sound “Click”,  
Otherwise it couldn't be able to record properly
- 3~5minutes of initializing time are required  
when you start first, Please do not disconnect  
power cable or remove the SD card

- Recommend to avoid disadhesion after installation
- Do not use or install outside of vehicle
- Attach the product at the top-center of windscreen where shouldn't be interrupted the driver's view

### ⦿ INSERTING Wi-Fi DONGLE



- Please refer to the picture shown, It could be able to impossible to insert Wi-Fi Dongle
- Insert Wi-Fi dongle tightly, otherwise Wi-Fi function  
couldn't be able to operate

## ◎ PRODUCT OPERATION

### ● POWER ON

- All LED will be turning on when start ignition or connect uninterrupted power cable
- Normal recording starts along with voice guidance “Si-jak Recording”
- REC LED on but GPS LED will be turned off if there isn't GPS connection

### ● POWER OFF

- All LED will be turning off when ignition off or disconnect uninterrupted power cable

### ● External GPS

- GPS LED flickers while external GPS is connected (GPS LED will be on constantly while connected to satellite)
- Please recheck the connection if there isn't LED on despite external GPS installed

### ● Voice Recording On/Off

- Press Wi-Fi button for over 2 seconds long in order to stop voice recording
- Voice recording will be started if press the button again
- There will be voice guidance like “start voice recording” or “finish voice recording”

### ● Wi-Fi User Registration

- There is voice guidance to switch to standby mode of “user registration mode” if you press Wi-Fi button
- If there is no Wi-Fi request, it will change to normal recording mode(Press the button again to switch standby mode)

## ⦿ RECORDING MODE

### ● Normal Recording

- It starts recording when power is connected
- Security LED is flickering once every 2 Seconds

### ● Event Recording

- It will be recorded for event recording mode if it detects any shock(SEC LED flickers)
- It will return to Normal recording mode after finishing event recording

### ● Parking Recording

- It will switch to parking mode if G sensor doesn't detect movement for 5 minutes
- It is recorded with 10 frame in order to extend recording time (Security LED flickers every 1 second)
- Switch to normal recording mode if ignition on again(if drive again)

### ● Motion Detect Recording

- It records if there is any movement a range of 3meters distance
- Security LED will blink faster
- IF the movement finished, it return to parking mode again

## ◎ VOICE GUIDANCE

rec_start	Start recording.
system_off	The system shut down
hdd_full	Recording does not have enough available. Please check overwriting setting.
gps_connect	GPS connected.
capture_not	Video is not being entered.
rec_audio_off	Stop recording the voice.
rec_audio_on	Start recording the voice.
enable_registration	Stand-by mode for the registration
disable_registration	Stand-by mode for the registration disabled
not_supported_WiFi	This Wi-Fi-Module is not supported.
hostap_not_exist	No Wi-Fi dongle
register_complete	Complete the registration.
already_register_mac	Already registered smart phone.
hostap_connect	Users connected.
hostap_disconnect	User access disabled.

- Specifications above can be changed without prior notice in order to improve performance of the product






## ◎ VOICE GUIDANCE

hostap_rec_stop	User's searching starts so, recording is paused,
rec_restart	Restart recording,
parking_leave	Driving mode to start recording, Safe driving,
sd_format	On formatting the memory card, Please wait,
sd_not	No Memory card,
sd_invalid	Memory card is damaged and can not be recorded,
sd_damage	Reboot because of the damaged memory card, Please replace the memory card if this occurrence continues,
setup_change	Setting changed and reboot,
firm_update	On installing the program, Do not turn off the power,
firm_invalid	Program file is corrupt and can not be installed,
system_off	The system shut down

- Specifications above can be changed without prior notice in order to improve performance of the product



## ⊙ Saving Directory

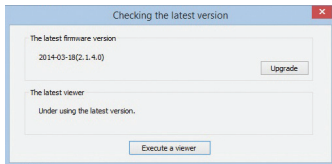
 <b>Config</b>	<ul style="list-style-type: none"> <li>- Log.txt: Save product status</li> <li>- Version.ini: Save version information</li> </ul>
 <b>Data</b>	<ul style="list-style-type: none"> <li>- There are recorded data, File amount could be depending on memory card capacity that is allocated to secure the space of memory card</li> </ul>
 <b>Event</b>	<ul style="list-style-type: none"> <li>- There are recorded data of event(Impact, parking, movement) recording</li> </ul>
 <b>Update</b>	<ul style="list-style-type: none"> <li>- Put the latest firmware here to automatic upgrade</li> </ul>
 <b>Viewer</b>	<ul style="list-style-type: none"> <li>- Viewer setup program</li> </ul>

## ⊙ Saving Directory

- 8GB : Approx 3H 30M
- 16GB : Approx 7H
- 32GB : Approx 14H
- 64GB : Approx 28H

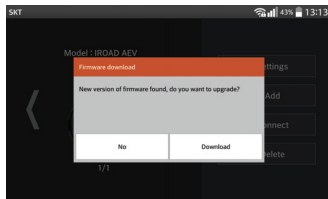
- The size of Daytime and Night time recording will be different for every different recording environment, It's because of using the compress saving type of variable frame rate
- Above 8G ~32G class 10 SD card is recommended, Please use a genuine memory of JAEWONCNC
- Please periodically change SD Card every 3 months

## ⦿ AUTOMATIC UPDATE via PC VIEWER PROGRAM

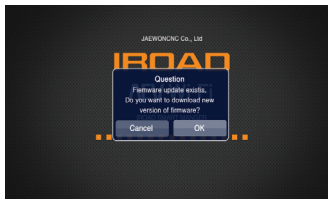


- 1 . Message window pop up as picture shown when install PC viewer program first  
(That can upgrade only when there is internet connection and memory card inserted)
- 2 . If click the upgrade icon of latest firmware tab, it automatically copy upgrade file to memory card
- 3 . Insert memory card to the product after finished copy. Make sure the power disconnection of the product
- 4 . Connect power to the product after completed  
Please start ignition first for preventing lack of power
- 5 . Upgrade is progressing with LED flickering and voice guidance
- 6 . Booting up again to record if the upgrade is finished

## Ⓞ AUTOMATIC UPGRADE on SMART DEVICE via Wi-Fi

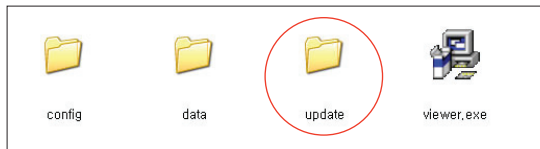


[Android message pop-up]



[iOS message pop-up]

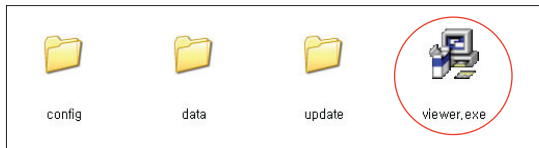
- 1 . Register smart device [Refer to registration page]
- 2 . Message pop-up window appears when select the product after executing IROAD application  
 ※ Please aware of internet data charges for firmware upgrade
- 3 . Automatically start the upgrading if click “Download” button
- 4 . Please do not turn off smart device or product power while upgrading
- 5 . Reboot the product to record after finished upgrade normally

**MANUAL UPGRADE**

- 1 . Disconnect power cable
- 2 . Remove SD card from the product, connect to PC  
Copy the downloaded firmware file to "Update" folder on Micro SD card
- 3 . Insert SD card to product again (Make sure the disconnect power)
- 4 . Please ignition on before upgrade (There could be able to get lack of power)
- 5 . Upgrade is progressing with LED flickering and voice guidance
- 6 . Booting up again to record if the upgrade is finished

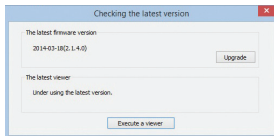
## ⦿ Program Installation


- 1 . There is no viewer program in case of first use or when format the SD card
- 2 . Connect power to the product after inserting Micro SD card  
Recording time could be differ depending on capacity of SD card
- 3 . Take 3~5 minutes to initialize and create the file system when first use  
(All LED flicker while initializing, There will be REC on when it starts recording after finishing)
- 4 . Insert the SD card to PC
- 5 . Double click the file(viewer.exe) in SD card to install AEV viewer program as picture shown

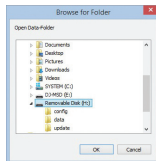


## Program Run

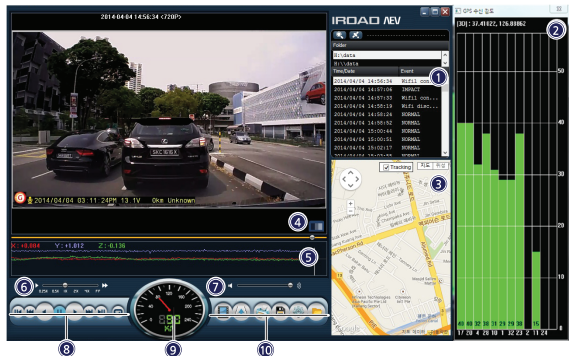
- 1 . Confirmation pop-up window appears if there is internet connection as picture shown  
If there is no internet connection, AEV viewer program will be executed directly



- 2 . Press “Execute a viewer” icon to start viewer program
- 3 . When the installation is completed, the program runs automatically and IROAD AEV icon will be created on your desktop
- 4 . "Open File" button – click the  icon in the viewer to browse folder window as shown in the picture. Select removable disk, press "OK" button



## MENU



① Recording File List

② GPS Reception Available only when installed GPS

③ Google MAP Only available when there's GPS connection

④ Color/Black-and-White Mode

⑤ G-Sensor Graph

⑥ Playback Speed

⑦ Volume

⑧ Playback Recording

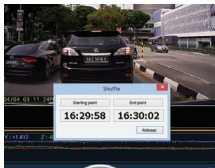
		Play backwards, Playback
		Pause
		Repeat event
		Previous/Next event
		Step Reverse, Step


⑨ Speedmeter Available only when installed GPS

⑩ Video Control

	Thumbnail
	Drawing a lane
	Print
	Backup
	Setup
	Open

## REPEAT PLAYBACK



- Click “repeat event”  icon to activate repeat function from the main viewer screen
- Select start and end point to playback repeatedly
- This function is only available in a playback section

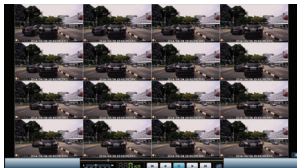
## OSD





- Display the information of speed, date and time in the lower left section of the viewer  
Date and time notation is applied to all of the backup files

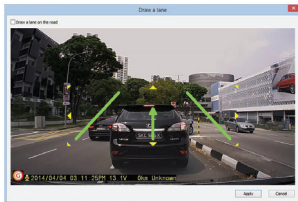



## THUMBMAIL



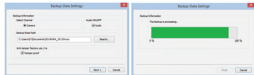
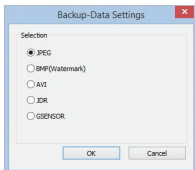
- Switch to thumbnail function if click the  icon in the main viewer screen
- This screen is composed of 16 pictures in total and each of the screen shows one scene
- It show enlarged full screen if double-click the specific each of scene
- Playback, Play backwards also show 1 to 16 pictures sequentially
- Return back to normal mode if click the  icon again


## DRAWING A LANE



- Click to the  icon to “Drawing a lane” mode
- User can apply the lane Manually
- Click the icon to return back again

## ⦿ BACKUP



- Click the “Backup”  icon in main screen menu
- Backup function provides various type of backup such as JPEG, BMP, AVI, JDR, G-SENDER
- AVI video file can be played back with Windows Media Player or other Third-party Player also
- JDR Backup can be played back with dedicated viewer only
- Images can be opened with Image viewer or Microsoft paint
- Click the backup button after choosing backup type in selected recording file
- In case of video backup, there is additional option whether save recorded voice
- AVI backup is available to use tamper-resistant function also, Check “Tamper-Proof” option to confirm the file falsification

## ◎ FULL SCREEN ZOOM



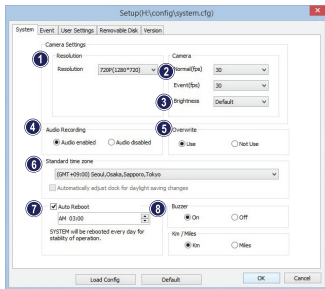
- Double-click the left button of mouse on the main menu screen to expand full screen
- Click the left button of mouse to return previous screen again


## ◎ PARTIAL ZOOM



- Magnifier will appear, if double-click the right button of mouse in playback screen
- You can move enlarged screen to while pressing the left button of mouse
- The Magnifier will disappear if click the right button of mouse

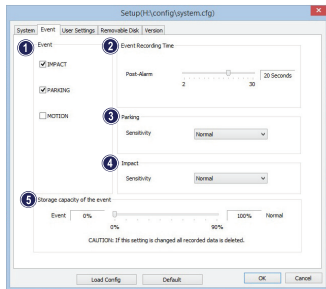
## ⦿ SYSTEM SETTING



- Click the  icon to setup system setting

- 1 Resolution – Camera HD(720P)
- 2 Normal/Event – Setup the frame for 1 second
- 3 Brightness – Adjust the brightness of recording  
– There are 3 steps such as Darkness / Default /Bright
- 4 Audio Recording – Available to select Enable/Disable audio
- 5 Overwrite – Enable/Disable rewrite to SD card  
– In case of check “Not Use”, It will stop recording when capacity of memory card is full
- 6 Standard Time Zone – Select exact time zone
- 7 Auto Reboot – Reboot the product when get preset time in order to check memory card checkup
- 8 Buzzer – Alarm sound when event occur (Available ON/OFF)

## ⊙ EVENT SETTING



- ① Event – Activate/Deactivate Impact/Parking/Motion function
  - ② Event Recording Time
    - Recording after event : Setup the recording time after event happend (Available between 2~30 seconds)
  - ③ Parking – Set the sensitivity while in parking mode(G–Sensor)
  - ④ Impact – Set the sensitivity (G–Sensor)
  - ⑤ Storage Capacity of the Event
    - Set the capacity of Event and Normal recording
- SD memory card will be formatted if product detects changes of the capacity of event proportions. Please backup in advance when there is any changes

## ⊙ USER SETTING

Setup(H:\config\system.cfg)

System | Event | User Settings | Responsible Disk | Version

Vehicle Info

1 Vehicle Info

2 Driver Info

3 License plate No

User Info

4 User ID admin

Password

5 Time set

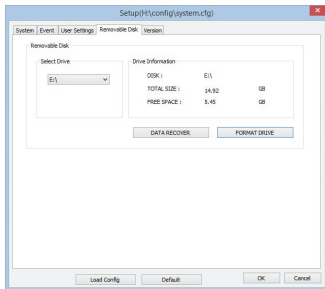
2014-04-12 PM 10:41

Load Config Default OK Cancel

- 1 Vehicle Info – Save vehicle information
- 2 Driver Info – Save drivers information
- 3 License Plate No – Save vehicle's license plate information
- 4 User Info – No one can confirm the information if set password here
  - User ID – Appears ID input windows in the main menu (Default: admin)
  - Password – Set password for login (Default–None)
- 5 Time Set – Set the exact time in case of install without external GPS

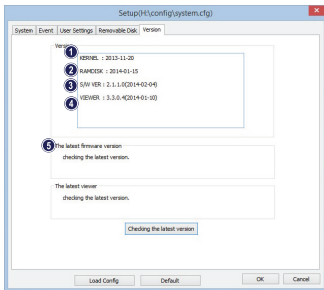
- This is a personal information area. Please keep secure for the information.
- In case of lost the preset password, It couldn't be possible to login and playback all recordings. Please be careful

## REMOVABLE DISK



- This function is for format or recover memory card when there occur errors or other problems
- Please consider data loss before work, so need to necessary to backup in advance
  - Select drive which is mounted the memory card
  - Select the function what you want
  - All of data will be deleted if format the drive
- The performance of memory card could be getting slowed by using for a long time
- Management of memory card is very important
- Please format or check the memory card once a week or 2~3 times a month in order to keep stable recording condition and long memory card use

## VERSION



- 1 KERNEL – Display kernel information
- 2 RAMDISK – Display RAMDISK information of product
- 3 S/W VER – Display Software information
- 4 VIEWER – Display viewer version information
- 5 Latest Firmware/Viewer – Click “Checking the latest version” to confirm the latest program version for the product

- Make sure the internet connection before firmware upgrade
- If download the firmware without SD card, Please copy the firmware file to "Update" folder directly



## ⦿ BEFORE CONNECT SMARTPHONE

- It provides Android and IOS platform.
- Please search "IROAD" on Google Play Store or Apple App Store



- Real-time recording and playback via Wi-Fi can be able to delayed depending on specification of Smart device
- Do not handle the product while driving, it causes some serious accident
  - Please operate the product in safe place after parked
- Wi-Fi USB Dongle is optional product
  - Wi-Fi USB Module Purchasing Note : Please use RealTek 8188CUS(RTL 8188CUS) chip only
  - Wi-Fi USB Module Connection Note : Please connect the Wi-Fi USB Module when power is off  
Otherwise it might cause some damage to Wi-Fi module

### ⦿ PRECAUTION for Using Wi-Fi

- **Before registering Smart Devices**

Make sure of the voice confirmation as press Wi-Fi button

- **Can not connect or find the product when first use**

Confirm the Wi-Fi signal or setting of Smart device

- Please retry with the "Off" value of passpoint in "Wi-Fi advanced setting" menu, if that value is "On"
- Please retry with the value of "All" in "Wi-Fi Signal Strength" menu

- **There could be able to have dropouts of Wi-Fi signal depending on receiving sensitivity**

Recommend to connect inside vehicle for stable usage

- **There could be differ saving frames as per smart devices when Wi-Fi connect**

Automatically recover(saving frame) when device is disconnected the link

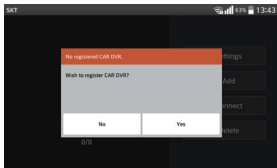
- **It has to be installed RTL8188 driver, Please contact the seller**

## HOW TO CONNECT – ANDROID

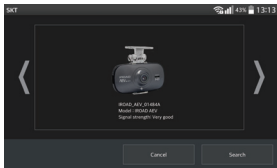


IROAD

1 . Execute IROAD app icon after installation to smart device

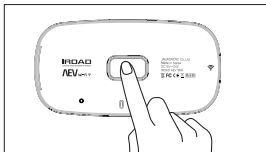


2 . The screen of IROAD app is horizontal mode Information window appears to guide registration when first use as left picture  
If select "No" to terminate the application,  
or select "YES" to go product registration page

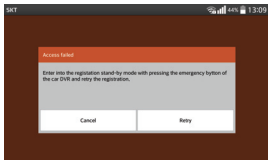


3 . It is searching and displaying registerable product around  
– It is searching and displaying registerable product around  
The priority of listing product is depending on Signal strength

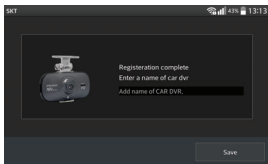
## ⦿ HOW TO CONNECT – ANDROID



4 . Press the Wi-Fi registration button of product, there will be voice guidance "Stand-by mode for the registration" and select the product in the list what you want to register Touch "Search" button (2 minutes for registration standby mode. If finished standby mode, there will be voice guidance "Stand-by mode for the registration disabled")



5 . In case of registration is not active or connection is failed in standby mode, voice guidance appears. Please press Wi-Fi button to activate registration mode again. It remember the smart device in case of reregistration so, skip the registration step

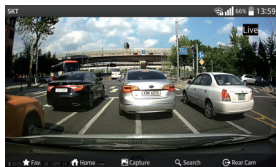


6 . Registration process is finished as right picture shown Register DVR name, it can be useful when you need several product connections

## HOW TO USE – ADROID

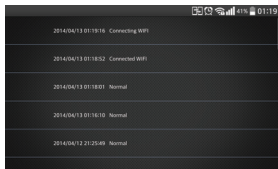


- ① Easily setup the product via smart device if touch the “Setting” icon  
– It will be rebooting when save button after finished setup
- ② Move to registration page if click “Add” icon
- ③ Real-time recording shows if click “Connect” icon after registration
- ④ Delete register product if click “Delete” icon
- ⑤ Touch to confirm real-time recording video



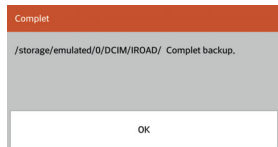
- Menu icon will appear lower right side of screen if touch the screen lightly while real-time streaming


## ⊙ HOW TO USE – ANDROID




- Move to playback list screen
- Select to playback recording what you want to confirm

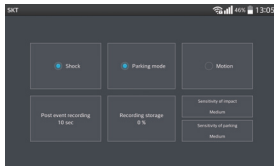
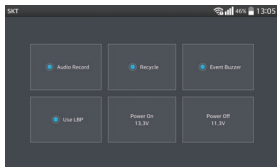
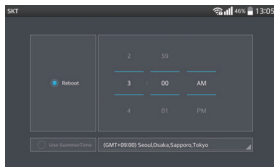
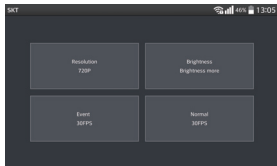
## ⊙ VIDEO BACKUP – ANDROID



- Select the recording and playback
- Touch the backup  icon in lower right side of screen and select whether backup with audio
- Backup file path will be displayed as below when finished (/storage/emulated/0/DCIM/IROAD)

## ◎ SYSTEM SETTING – ANDROID

- Move to System Setting menu if touch “Settings”  icon in main menu screen
- Touch “Save” button to apply the setting as finish it

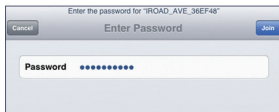
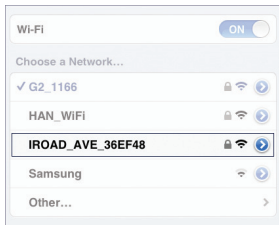


## ◎ HOW TO CONNECT – iOS



IROAD

1 . Execute IROAD app icon after installation to smart device



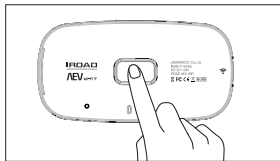
2 . Turn on Wi-Fi function of smart device

3 . Select "iROAD\_AEV\_XXXXXX" in the list

4 . Write [qwertyuiop] in the password box and touch the "Join" button

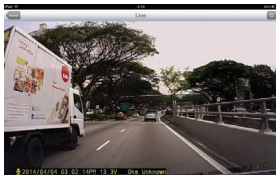
5 . Press the Wi-Fi registration button of product to activate register standby mode

(Voice guidance : "Stand-by mode for the registration" )





## ⦿ HOW TO USE – iOS



6 . Real-time recording shows directly if click IROAD Application

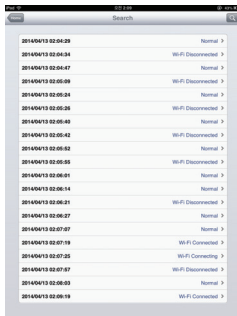
## ⦿ APP FUNCTION – iOS



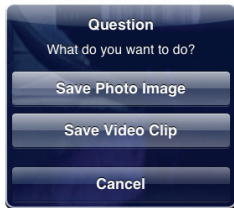
- ① Confirm real-time recording
- ② Playback recorded video in the list  
Select to playback recording what you want to confirm
- ③ Easily setup the product via smart device if touch the "settings" icon  
– It will be rebooting when save button after finished setup



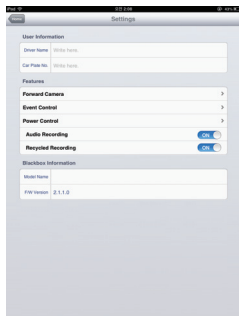
## ⦿ PLAYBACK & BACKUP – iOS



- Touch “Search” button, Playback list screen and recording list will appear
- Select to playback recording what you want to confirm
- “Save” button will activate when pause video playback
- And go to the recorded data to be backed up
- Click the backup button after choosing backup type in selected recording file



## ⦿ SYSTEM SETTING – iOS



- Easily setup the product configuration via smart device if click “Settings” icon
  - Easily setup the product configuration via smart device if click “Settings” icon
  - It will be rebooting when save button after finished setup



# PRODUCT WARRANTY CARD

Thank you for using IROAD vehicle recorder

JAEWONCNC Co.,Ltd Consumer compensation in a accordance with the provisions of the following quality assurance

- This product is manufactured through a process of strict quality control and inspection. In normal use, Product will be repaired for free of charge if there isn't consumer's fault. The service fee might be charged if warranty repair instructions applicable.
- Warranty period of each product is as follow

- Product(Camera) : 1 Year      • Memory Card, External GPS : 3 Months      • Power Cable, Uninterrupted Cable, AV Cable : 2 Months
- Adhesive Tape, SD Reader : Warranty does not cover

The warranty period starts since the date you purchase product (Check the receipt, if date not confirmed manufactured date + 2 months)

Consumer Service : The place where you purchase, [www.jaewoncnc.co.kr](http://www.jaewoncnc.co.kr)  
132-24 Wontac Bldg 3F, Chunggok-dong, Gwangjin-gu, Seoul 143-891, KOREA

PRODUCT	IROAD Vehicle Recorder	MODEL	IROAD AEV
Purchasing Date	. . .	Purchasing Place	
Serial No.		Consumer	
		Contact	

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