G-ONX

FHD I FHD 2CH SMART DASHCAM

USER MANUAL

GNET
GLOBAL NETWORK

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IMPORTANT SAFETY INSTRUCTIONS WARNING

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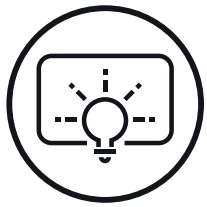
- Do not expose the unit to electrical shock or debris.
  - This may cause product damage, fire, or electrical shock.
- Avoid use with excessive vehicle window tints or special auto glass.
  - Images may be blurry or distorted and may cause interference with the reception rate of the GPS.
- Do not modify or dismantle the device/ accessories.
  - We are not responsible for any damage to the device or vehicle due to user tampering.
- Never operate the device or adjust settings while driving.
  - Always keep your eyes on the road.
- Do not use liquids or chemicals to clean the product or accessories.
  - This may cause product damage, fire, or electrical shock.
- Please use a non-scratch lens cloth to clean the product and accessories.
  - Routinely clean camera lens for best results.
- In the absence of the external GPS, the device's date and time may be reset.
  - Please always check that the date/ time is correct.
- When parked for long periods of time in direct sunlight, a temperature increase inside the vehicle may result in a memory card corruption and/ or recognition error.
  - It is recommended to remove the memory card and store it out of direct sunlight during long periods of vehicle inactivity.
- Avoid high temperature or high humidity environment for normal operation of the product.
- Check the operation of the rear camera(s) periodically before driving.
  - Only the front camera will be captured in the event of a malfunction or defect.

*Warning: Operation of this equipment in a residential environment could cause radio interference.

CAUTION FOR MEMORY CARD

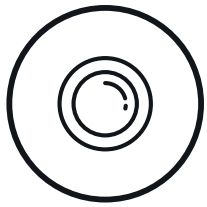
- Overtime, memory degradation can occur and should be replaced periodically.
- To prevent incompatibility problems, please use only a genuine GNET memory card. The GNET memory cards are specifically designed to operate with our GNET systems and are covered under our warranty program.
- When a vehicle accident occurred, it is recommended to remove the memory card from the device and save the data to a computer immediately. When the memory card is full, the data will be overwritten, and the accident data will be lost.
- Please be sure to remove the memory card only after the recording LED is off. Otherwise, if removed too early, video data could be lost or corrupted. This can also shorten the card's lifespan.
- Please do not interchange / swap the memory cards between other products. Data may be erased and lost if the memory card is automatically formatted.
- It is recommended that the memory card be formatted at least twice a month for product and lifespan maintenance. For best results, please use the official SD Formatter (www.sdcard.org).
- GNET System dash cameras can support memory card (SD) capacities ranging from 8GB to 1TB.
- When a new or used memory card is inserted into the device for the first time, the system will go into standby mode for 3 to 5 minutes. Please do not attempt to remove the memory card during standby mode or when the device is formatting the card.
- It is possible to format the memory card in the GNET application for Mac and PC. Please visit the GNET SYSTEM's website at:
  https://www.gnetsystem.com/eng → SUPPORT → DOWNLOAD

PRODUCT FEATURES



SONY STARVIS
IMAGE SENSOR

CLOUD SYSTEM

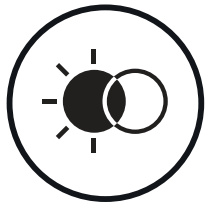


2CH
UHD/FHD

LBP

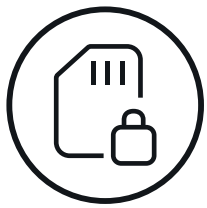
H.265 CODEC

G-NET
Wi-Fi APP



REAL HDR

TIME LAPSE



SD LOCKS FOR
MEMORY PROTECTION

PARKING
MODE

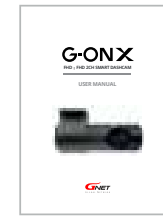
PACKAGE COMPONENTS

• Basic Components (Embedded GPS)

Main camera

Rear camera

Wi-Fi dongle



User manual

Power Cable

Micro SD memory card

Rear camera connection cable

• Optional Product

Cigar Jack

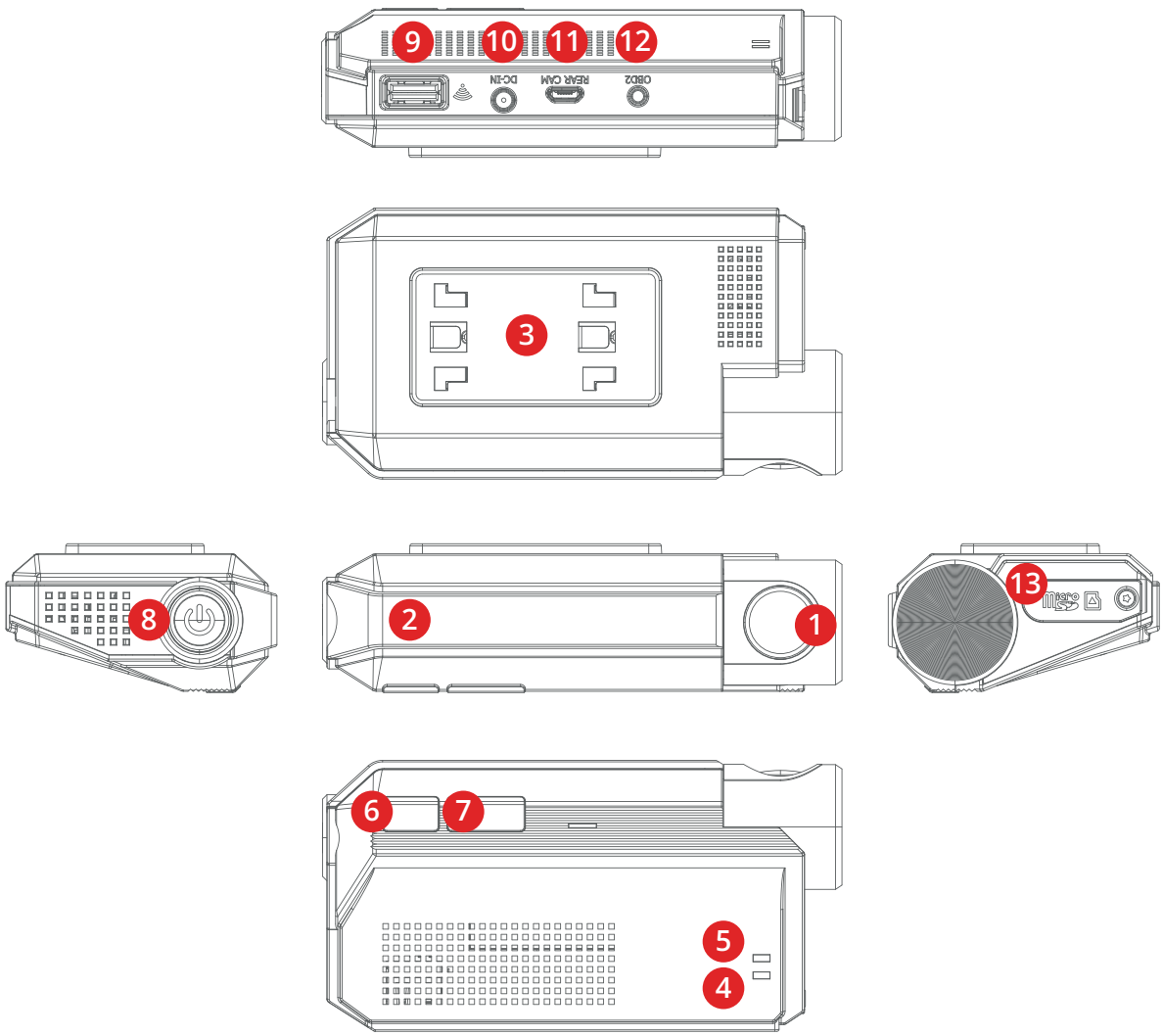
External GPS

! Cigarette lighter and OBD power cables are each sold separately.

※ The size and appearance of the components depicted above may be different from the real components.
※ Specifications and components may be changed without notice for quality assurance.
※ We highly recommend that a GNET Genuine Memory Card be used with all GNET products.

NAME OF EACH PART

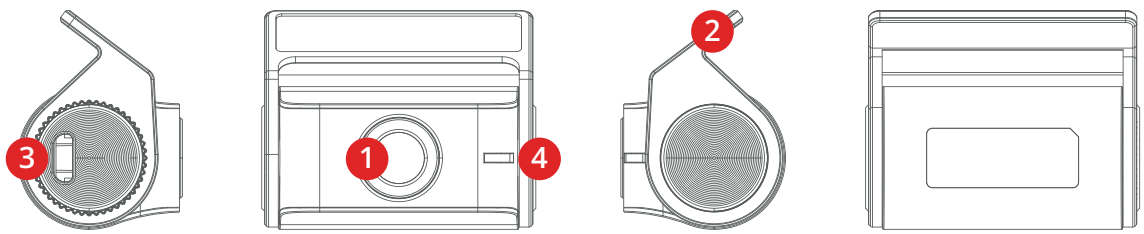
- **Front Camera**



① Front camera lens
② Security LED
③ Front camera bracket
④ GPS LED
⑤ REC LED
⑥ Wi-Fi connection button
⑦ Manual recording button
⑧ Power button
⑨ Wi-Fi USB dongle port
⑩ Power connector port (DC-IN)
⑪ Rear camera connector port
⑫ OBD2 connector port
⑬ Micro SD card cover

NAME OF EACH PART

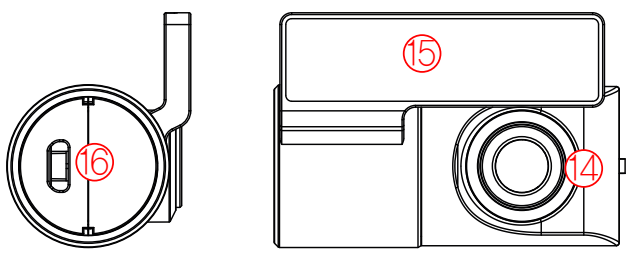
- **Rear Camera**



① Camera lens ② Rear cam mount ③ Rear cam connector port ④ Status LED

Rear camera

⑭ Rear camera lens
⑮ Rear camera mount
⑯ Rear cable connection port



SPECIFICATIONS

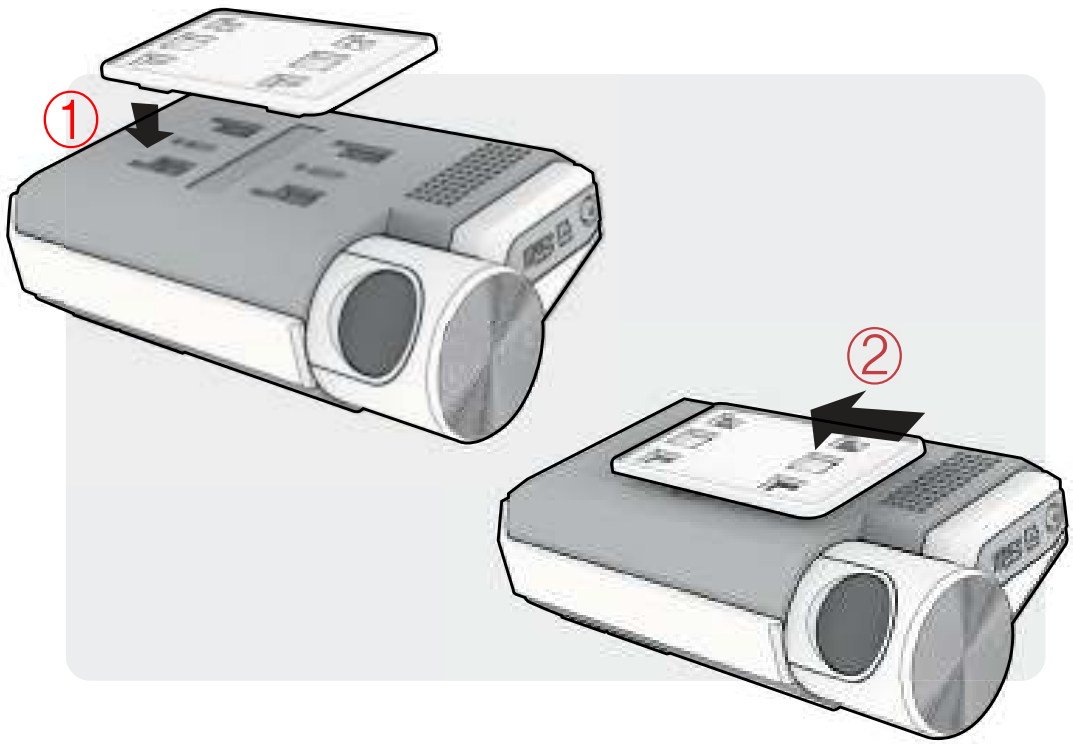
Image Sensor	Full HD SONY STARVIS Sensor
Audio input	Built-in Microphone
Video Compression	H.265
Audio Compression	ADPCM
Resolution	Front Cam 1080P (1920x1080P), Rear Cam 1080P (1920x1080P)
Frame Rate	All cameras : Max. 30 FPS
Recording Time(Approx.)	All cameras : Max. 30 FPS
Wi-Fi (Optional)	Connect to GNET Smart phone application via Wi-Fi dongle
G-Sensor	Event recording by External Shock
Speaker	Operation status alarm / Voice guidance
Embedded GPS	Synched with Google map, Keep track of location and Speed
Angle Of View	Front / Rear: about 140 degree wide-angle lens
Viewer	Windows XP/7/8/10, Mac, Support 32Bit / 64Bit, The "Microsoft WebView2 Runtime" must be installed on an user's PC to see the Google map on GNET VIEWER.
Power	DC 12V - 24V
Allowable current of providing fuse	3A
Operation Temperature	-20℃ ~ 70℃
Humidity	10~95%
Dimension (WxHxD, mm)	Front: 98.7 X 49.6 X 42.6 Rear: 59 X 28 X 37

※ Specifications and components are subject to change without notice for quality assurance.

INSTALLATION

- **How to install Dash cam**

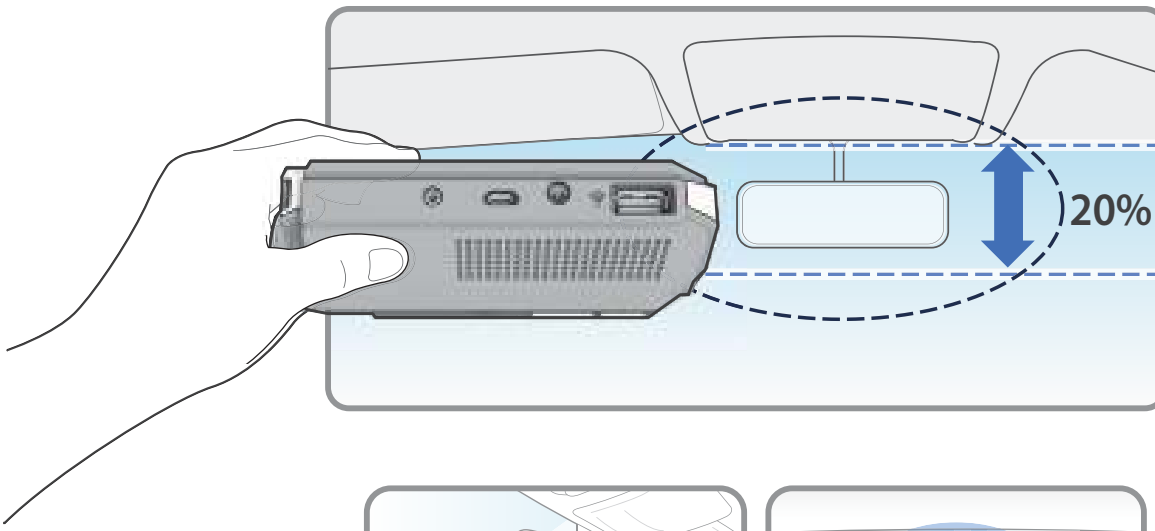
1 Assemble the front camera with the provided bracket in the order displayed. Make sure bracket is hooked correctly. Push and align it until a sound is heard. (①,②).

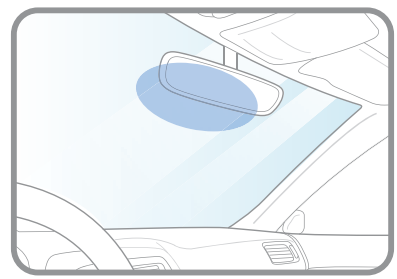


2 Once the bracket is secure, ensure that the memory card has been inserted. Proceed to peel the cover from the double sided tape on the bracket.

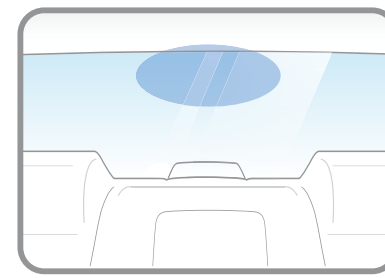
INSTALLATION

3 Install the front camera onto the front windshield of the vehicle making sure the angle and location is properly aligned.





[Front]



[Rear]

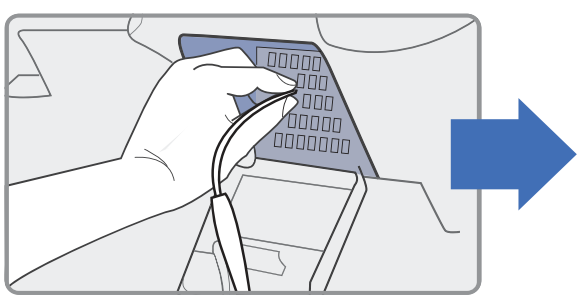
TIP: The adhesive is extremely sticky. Avoid touching the adhesive to the windshield until the mount is properly positioned and aligned.

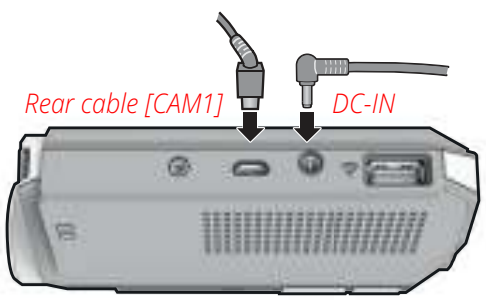
4 Depending on the vehicle, the front angle may be different. It is recommend to hold a dash cam vertically based on a regular passenger car.

5 Connect the power cable to the fuse box terminal inside the vehicle.
(The connected terminal should be one which is always supplied power even when ACC power is turned off, such as emergency lights and/ or door racks.)
Otherwise if using a cigar power cable, plug it directly into the vehicle cigar socket.

3-Wire Power Cable

- Connect **VCC** to current fuse at vehicle start-off
- Connect **ACC** to a fuse that does not flow when the vehicle is switched off
- Connect **GND** to ground on the vehicle's body



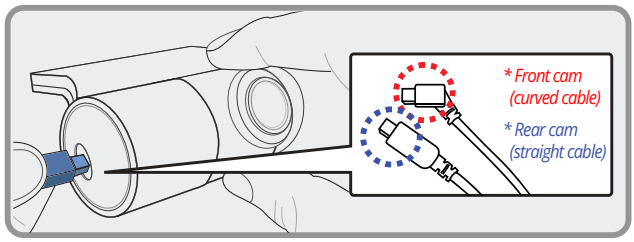


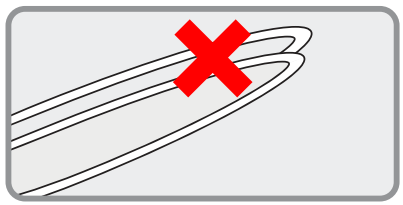
⚠ CAUTION

GNET strongly recommends having an experienced installer with the proper knowledge of electrical systems install the device. Incorrectly wiring the power cable can result in damage to the vehicle or the battery and can cause bodily injure.

6 Connect the other side of the power cable to the DC-IN labeled port of the front camera.

7 Attach the rear camera to the rear windshield of the vehicle and connect the cable to the front camera.

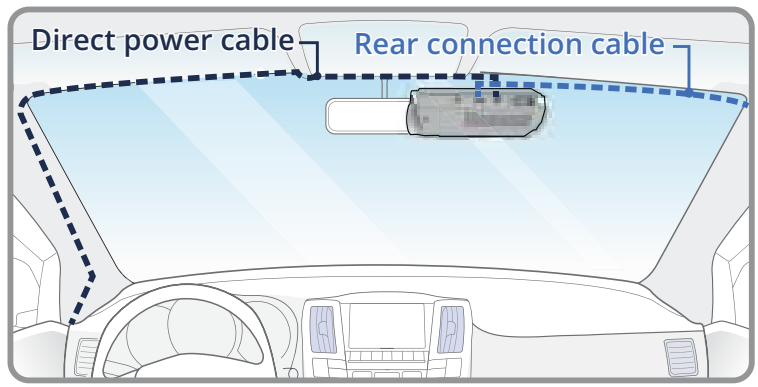




WARNING

When the cable is bent as shown in the picture, the data flow may be interrupted and a recording error may occur. Please be careful.

8 Carefully tuck the power cable and rear camera connection cable into the linings of the vehicle between the ceiling and glass.



⚠ CAUTION

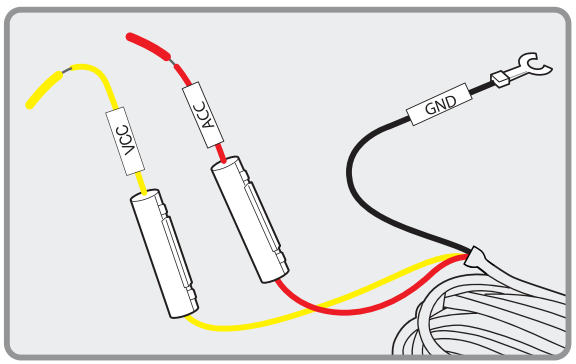
GNET strongly recommends having an experienced installer with the proper knowledge of electrical systems install the device. Incorrectly wiring the power cable can result in damage to the vehicle or the battery and can cause bodily injure.

• How to Install Fuse Cable

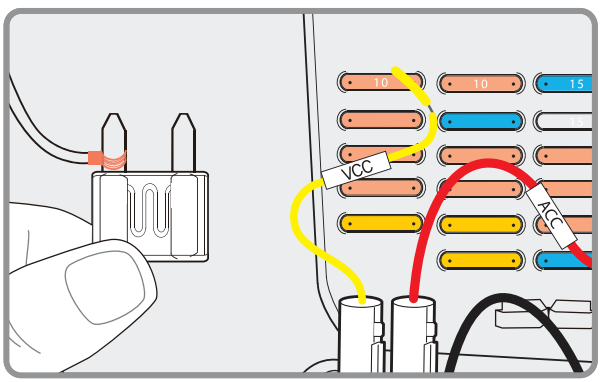
Please refer to the car manual because the fuse box is differ depending on car model.
It is recommended that install the power from the automobile shop.
We are not responsible for any damage caused by self-installation.

1 Find the Fuse box using electric tester from fuse box of the vehicle.

※[VCC] (Yellow line) : When the car is off, it connects with fuse that current is flowing
※[ACC] (Red line) : When the car is off, it connects with fuse that current does not flow

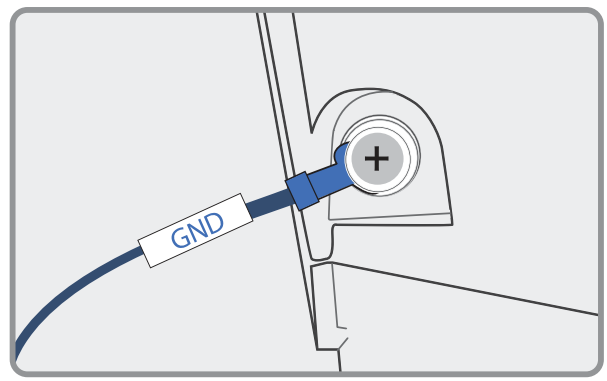


2 After connecting [VCC], [ACC] on vehicle fuse, put them into the Fuse box.

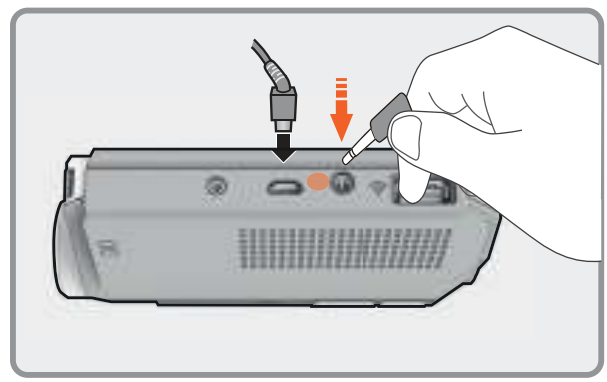


INSTALLATION

3 Connect [GND] line to vehicle.
(Do not connect the volt which is connected to dash board. Current is not flowing)

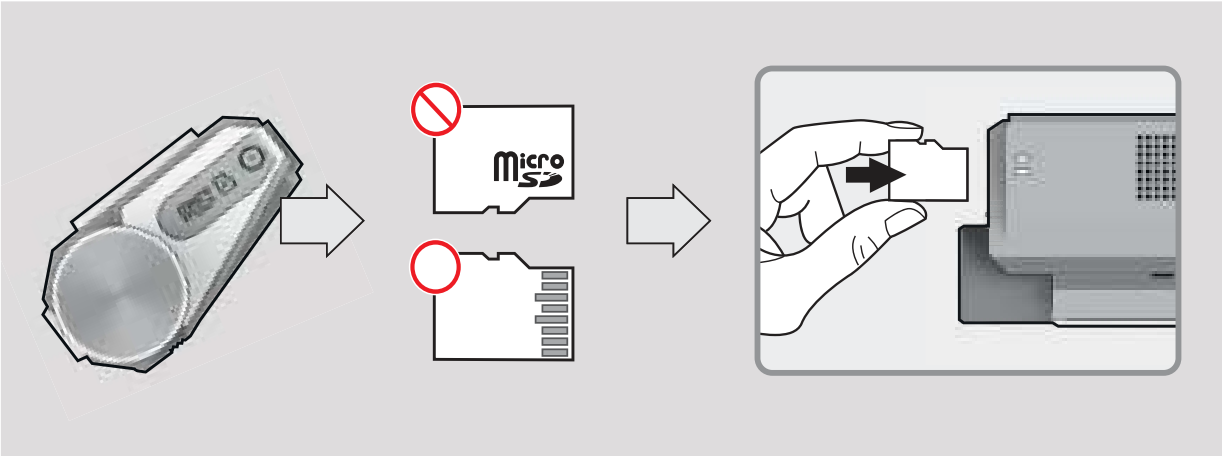


4 Connect the power cable to confirm the operation of product.
And organize cables to finish installation work.



- **Inserting the Memory Card**

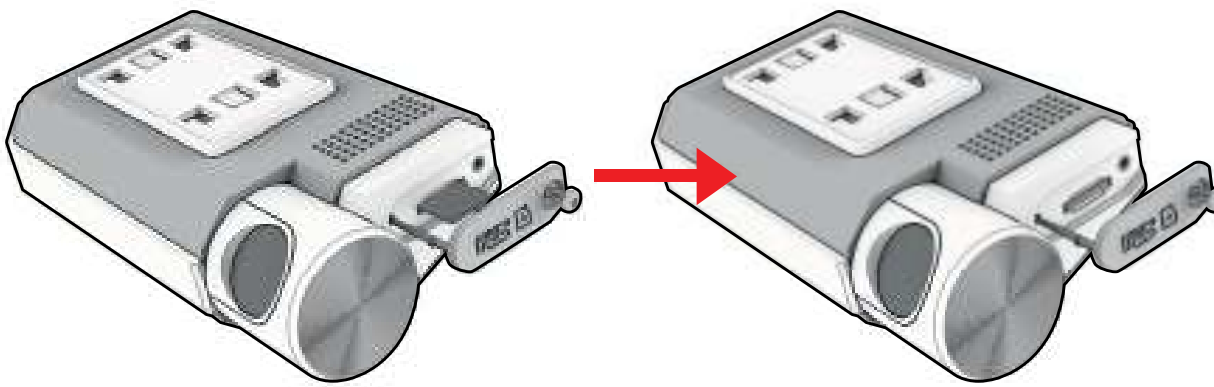
Please be fully aware of the orientation of the Micro SD Memory Card.



- Push the Micro SD Memory card into the memory card slot until you hear 'clack' sound.
- When using memory card for the first time or when the memory card is reused after format, the system will be in stand-by mode for 3~5 minutes to create system files and checking the memory card.
- Recording starts with voice guidance saying "Start recording"

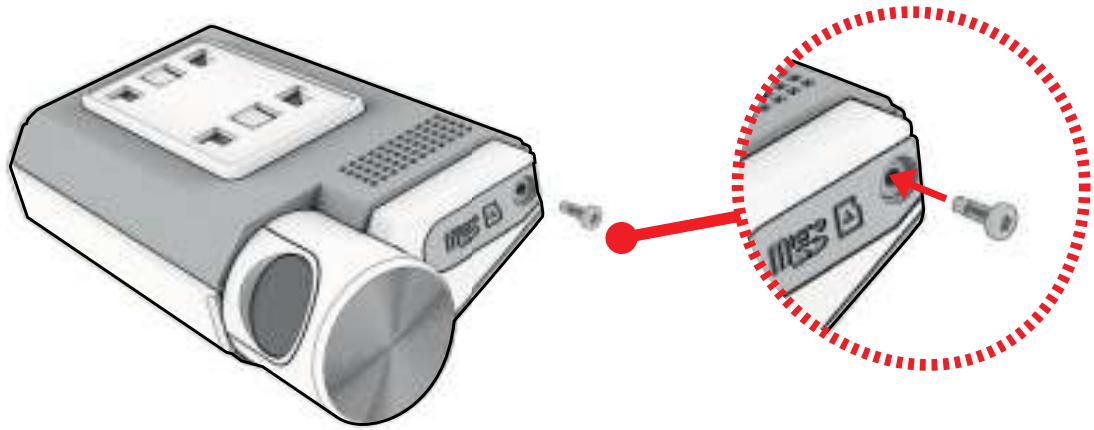
- **SD Card Secure Cover**

1 Open the SD card cover and insert the memory card.



- **SD Card Secure Cover**

2 Then slide the SD cover into the hole as shown, and fasten the screw to the body.



3 Covering the SD card is completed.

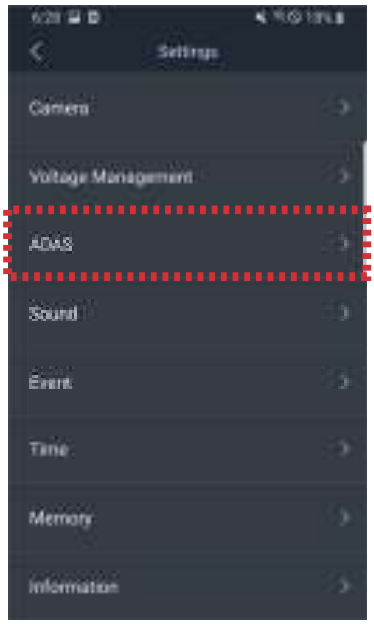
HOW TO USE

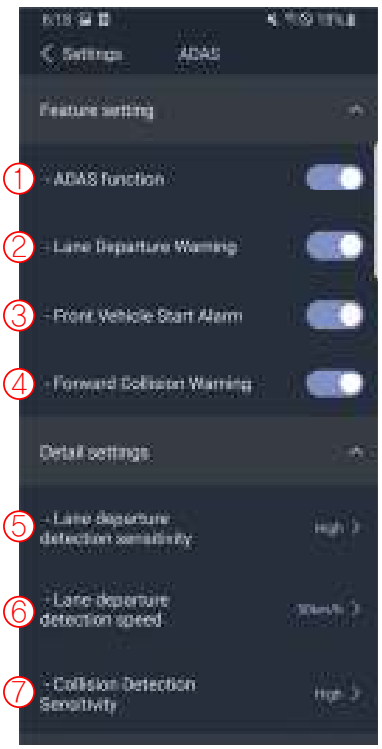
• Product Operation

POWER ON	All LED will be turned on when the engine is on or power is on. [Start recording] starts along with voice guidance and REC LED is turned on. GPS LED will be turned off if it is not connected by GPS.
POWER OFF	All LEDs will be turned off when press the power button or the constant cable is disconnected.
Wi-Fi ↔ CLOUD MODE CHANGE	If you press the Wi-Fi button for 3~4 seconds, it changes from Wi-Fi mode to Cloud mode or from Cloud mode to Wi-Fi mode.
Wi-Fi USER REGISTRATION	If press the Wi-Fi button, the stand-by mode voice guidance will be displayed. If there is no connection for 2 minutes, it will be automatically discontinued. If press the Wi-Fi button again, the voice guidance will be displayed. *Notice : You need to set the CLOUD as [OFF] in the viewer, only if you want to convert [withCLOUD] to GNET APP after you use [withCLOUD] APP. If you press the power button 1sec twice, you can turn on/off the Wi-Fi signal. (G-ON, G-ON2, G-ON3, G-ON4, G-ONQ). If your dash cam is not connected to the CLOUD, please check whether Wi-Fi is off.

• ADAS Function - Android

Set the ADAS function at the GNET application.





① ADAS ON/OFF

Turn on and off all sub-features of ADAS at once.

② LDWS(Lane Departure Warning System)

When the car leaves the lane, the detection alarm will go off. LDWS only works if it is above the set speed.

③ FVSA (Front Vehicle Start Alarm)

When the distance between the car and the front is more than 2m away, the warning alarm beeps.

④ FCWS (Forward Collision Warning System)

When the driver approaches very close to front vehicle, the alarm will be ringing.

⑤ Lane departure detection sensitivity

Set the sensitivity as following 3 steps.
(Lower, Medium, Higher)

⑥ Lane departure detection speed

Set the lane detection speed limit.
(50km/h, 60km/h, 70km/h)

⑦ Collision detection sensitivity

Set the collision detection sensitivity as following 3 steps.
(Lower, Medium, Higher)

- **ADAS Lane correction - Android**

To improve the ADAS recognition rate, it is recommended to adjust the dash camera position by matching the end of the vehicle bonnet line on condition that "the lane correction button" is turned on in the real time screen.

① Guideline view on / off

② Full screen view (landscape)

① Up direction

② Left direction

③ Back

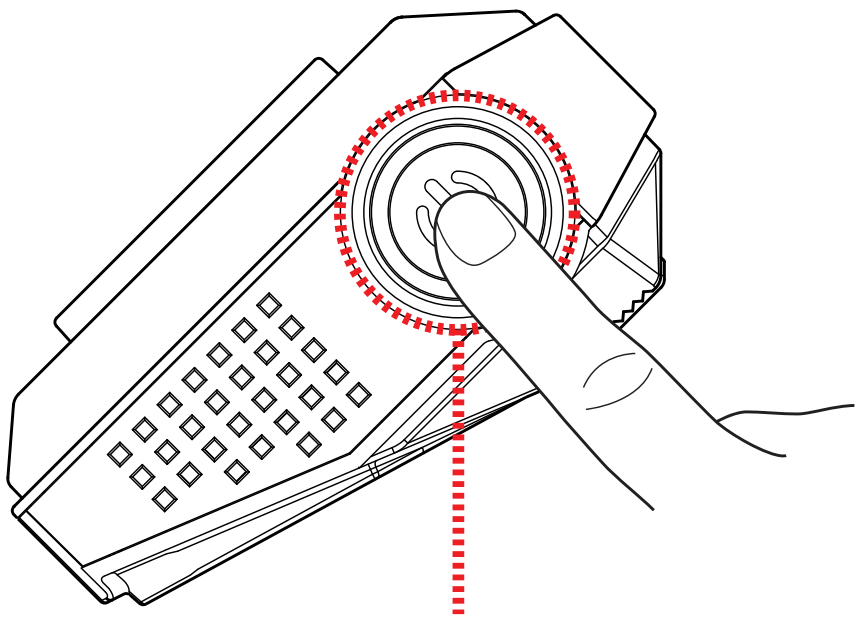
④ Save

⑤ Guideline view on / off

⑥ Screen zoom out

- **Dash cam Power On/Off**

Press the power button to turn the system off.
To restart the system, press and hold the power button.

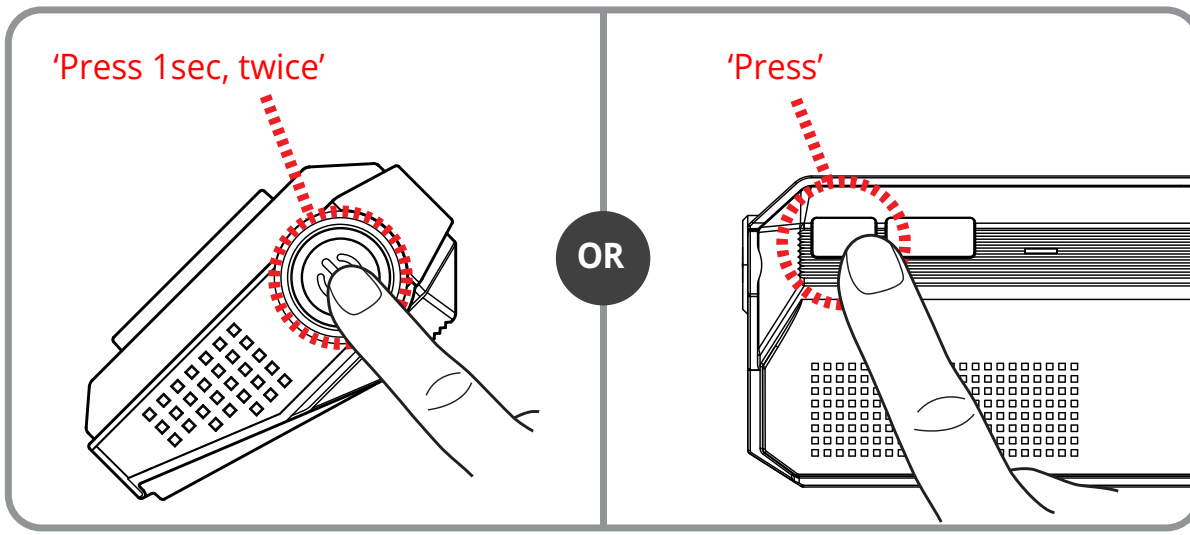


In case of turn the system off by holding the power button, you have to press and hold the power button again in order to restart the system.

- **Wi-Fi Power On/Off**

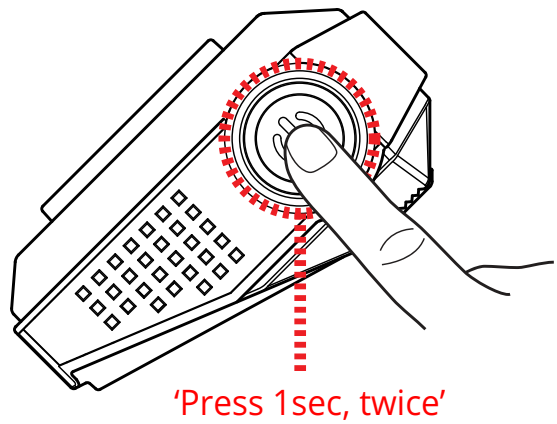
Wi-Fi Power On

The Wi-Fi power will be on when you press the power button for two times or press Wi-Fi button for 1 time.



Wi-Fi Power Off

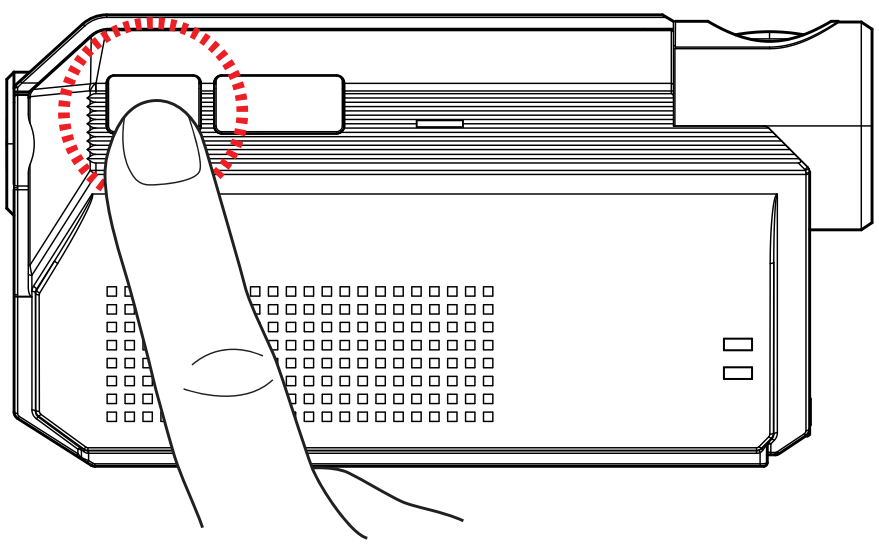
The Wi-Fi power will be off when you press the power button for two times.



- **Change Into Wi-Fi or Cloud Mode**

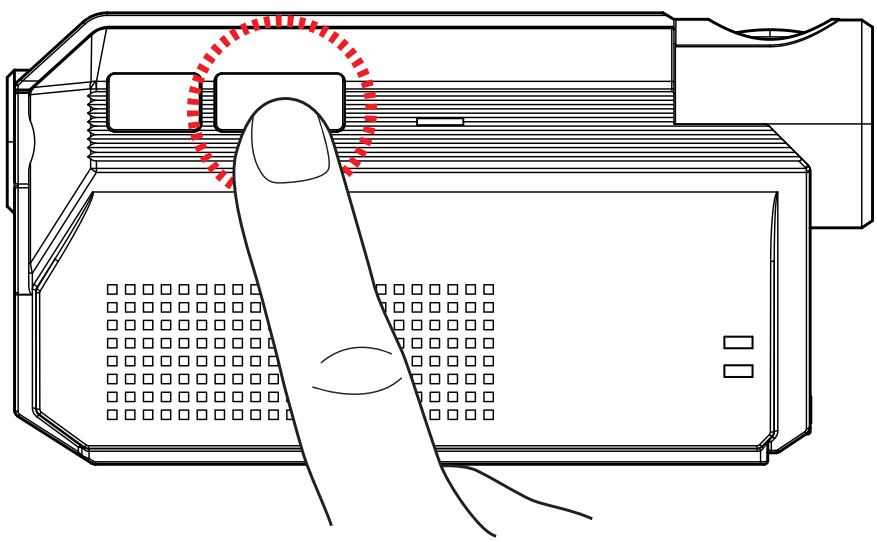
The Wi-Fi mode is changed to the CLOUD mode or the CLOUD mode is changed to the Wi-Fi mode if you press the Wi-Fi button for 3~4 seconds.

(At this time, when switching to the Wi-Fi mode or the CLOUD mode, dash cam is on and does not reboot)



- **Manual Recording**

Manual recording begins when you press the button once.



• Recording Mode

Normal Recording		- When the power is connected, the normal recording will start. - Security LED flickers left and right every 2 seconds.
Event Recording	Impact Recording	- If there is impact or shock, the record LED will flicker and record in event recording mode. - After event recording is finished, it will be automatically changed to normal recording mode.
	Parking Recording	- After the parking mode is entered when the ACC voltage is released, the parking mode automatically operates in 10seconds (3 Wired). - It is recorded in 10 frames, so the recording time can be extended. - Security LED flickers left and right every 4 seconds. - If it connects with ACC voltage, it switchs to normal recording mode (3 Wired).
	Motion Detection recording	- Under parking mode, the device will record any movement happen within around 3 meters. - Security LED will quickly flicker. - When no motion is detected, it automatically changes to parking mode.
Manual Recording		- If press the manual recording button, the device will recognize the moment as an event and sort out the video in seperated folder 'manual'. - It is recorded in 30 frames and security LED will quickly flicker.

- **Voice Guidance**

CONTENTS	VOICE GUIDANCE
Normal recording	Start recording.
System Off	Shut down the system.
Overwriting	Recording does not have enough available. Please check overwriting setting.
GPS connection	GPS connected.
Abnormal recording	Video is not being entered.
Enable registration	Stand-by mode for Wi-Fi registration.
Disable registration	Stand-by mode for Wi-Fi registration.
No Wi-Fi Dongle (or in cloud mode)	No Wi-Fi Dongle.
Complete the smartphone registration	Complete the registration.
Already registered smartphone	Already registered smartphone.
Connect the Wi-Fi	User's connected.
Disconnect the Wi-Fi	User access disabled.
Connect the cloud	Cloud is connected.
Disconnect the cloud	Cloud is disconnected.

- **Voice Guidance**

CONTENTS	VOICE GUIDANCE
Change to cloud mode	Change to cloud mode.
Change to Wi-Fi mode	Change to Wi-Fi mode.
Wi-Fi power On	Wi-Fi power is on.
Wi-Fi power Off	Wi-Fi power is off.
Change the Smartphone setting	Setting changed and reboot.
Change parking mode to normal recording	Driving mode to start recording. Safe driving.
Format the Micro SD memory card	On- formatting the memory card. Please wait.
No Mirco SD memory card	No Memory card.
Micro SD memory card damage	Memory card is damaged and can not be recorded.
Micro SD memory file system recover	Reboot becasue of the damaged memory card. Please repace the memory card if this continues.
Update the firmware	On installing the program. Do not turn off the power.
Fail to firmware update	Program file is corrupt and can not be installed.
Event recording alarm	Impact event has occurred during parking.
LBP On	Shut down the system to protect the battery of car.
LBP Off	Restart the system to protect the battery of car.

MEMORY CARD VIDEO FOLDER

1 Remove the memory card after the device turns off.

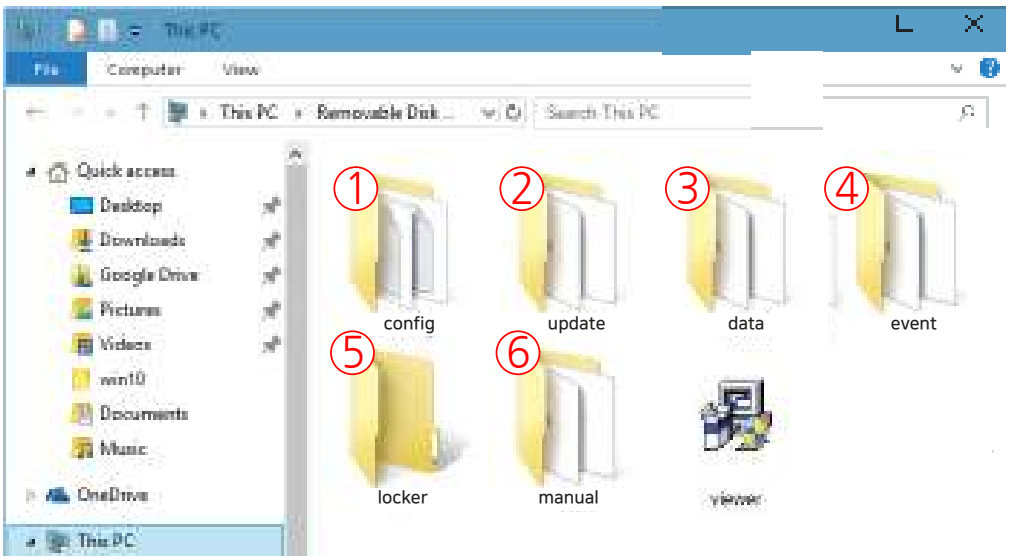
2 Insert the removed memory card into the memory reader and connect it to the USB port on your PC.

3 Select the removable disk in the explorer folder.

- Folders in the removable disk are displayed as shown on the following page.
- When the event storage capacity is more than 10%, the [Events] folder is created.

Do not randomly delete or format files in the memory card.
Back up your important files in advance.

MEMORY CARD VIDEO FOLDER



Predictable recording time of SD memory capacity (Default: All cameras : Max. 30 FPS)

32GB(2hrs), 64GB(4hrs), 128GB(8hrs 20mins), 256GB(16hrs 30mins), 512GB(33hrs), 1TB(66hrs)

※ Total recording time may be different depending on use conditions and environment.

① **Config (Manage system)**	Log.txt : It records the device's statement in a log file. Version.ini : Saving version information of device.
② **Update (Firmware update)**	The latest firmware is stores and updated automatically, or it can be updated by manually inserting the firmware.
③ **Data (Normal recording)**	Recordings are saved. File list numbers are different depending on the Micro SD memory card's capacity.
④ **Event (Event recording)**	Event(impact) data is stored. * The event on parking mode is saved in the general 'Data' folder.
⑤ **Locker (Locked recording)**	It prevents a video file from being overwritten.
⑥ **Manual (Manual recording)**	The manually record video is saved.

BEFORE WI-FI CONNECTION

- **Download our smartphone app**

- Available for Android and Apple iOS. Search 'GNET' on Google Play and App Store.
- Simply scan and access the QR code below.

GET IT ON Google Play

Download on the App Store

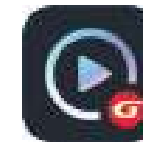
- **Precaution before connecting the Smartphone**

- Set the time zone on the GNET app or the viewer.
- Smartphone make, model, or specification can interfere and delay real time video playback.
- DO NOT operate the device or adjust App settings while driving. Please always safely pull over when interacting with GNET products.

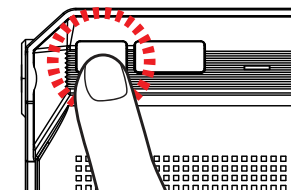
SMARTPHONE CONNECTION

• How to connect an Apple iOS smartphone

1 Install the GNET application on the smartphone.
* G-net application is not available while cloud mode is on.



2 Press the Wi-Fi® button on the dash camera to enter standby mode with the voice message. (last 2 minutes)



3 Enter the Settings menu and proceed to locate and connect to the dash camera's Wi-Fi network. (begins with GNET_BB_)

The password is as follows: qwertyuiop

4 The registration of the dash camera is complete.

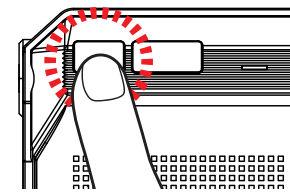
* If the connection fails due to a weak Wi-Fi signal, please carefully unplug and immediately re-insert the Wi-Fi dongle back into the camera. Proceed to try the connection again by pressing the Wi-Fi button to enter standby mode.

SMARTPHONE CONNECTION

• How to connect an Android smartphone

1 Install the GNET application on the smartphone.
* G-net application is not available while cloud mode is on.

2 Press the Wi-Fi® button on the dash camera to enter standby mode with the voice message. (last 2 minutes)



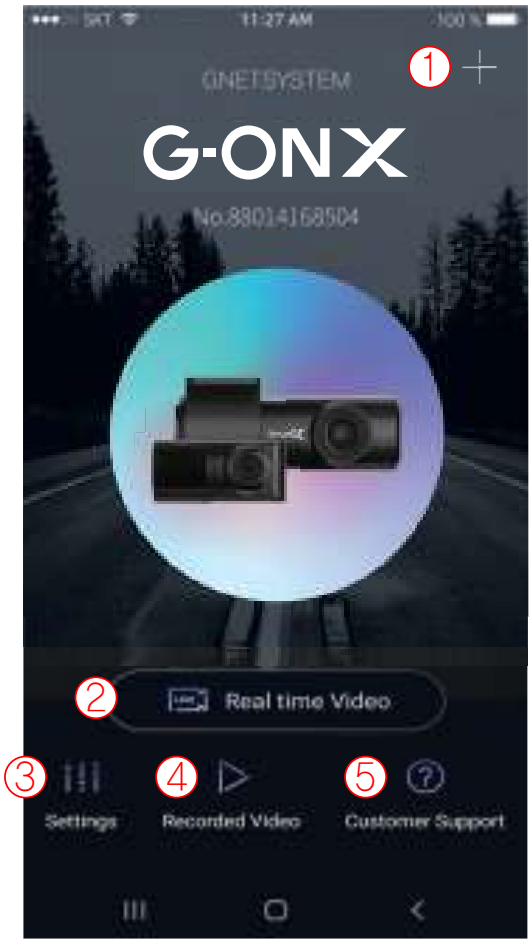
3 Touch the "+" to search for your device - use the left and right arrows scroll. Once your device has been located select the "Connect" button.

[★] will indicate first time connection to the device

4 The registration of the dash camera is complete.

* If the connection fails due to a weak Wi-Fi signal, please carefully unplug and immediately re-insert the Wi-Fi dongle back into the camera. Proceed to try the connection again by pressing the Wi-Fi button to enter standby mode.

• APP Main Screen Description



① This function allows you to connect other dash cams or delete the registered devices.
※ Supported only on Android mobile

② **Real-Time Video**
Select this button to view a live video feed from the dash camera.

③ **Settings**
You can easily toggle camera settings via your smartphone. When finished, select the "Save" button to reboot the system.

④ **Recorded Video**
View previously recorded video from the camera's SD card. Video can be downloaded directly onto the smartphone.

⑤ **Customer Support**
If you need product support, select this button to go to the Customer Support Center.

PC VIEWER INSTALLATION

The PC specification should be over **'CPU i5 3.0 GHz, Memory 4GB'** to play the Full HD If the PC specification is lower than standard, it is possible to happen "No-play back" or disconnect

1 PC viewer program is not installed in case of first use or when format the memory card.

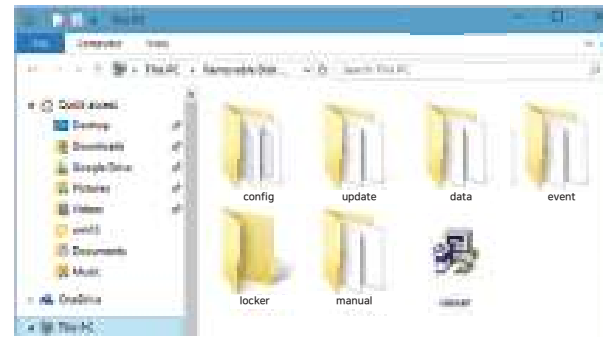
2 Insert the Micro SD memory card and turn on the device.

3 Depends on the capacity, the recording time will be different. At first use, take 3~5 minutes to initialize and create the file system (All LED flicker while initializing. After it starts recording, REC LED will turn on) Therefore do not turn off the power

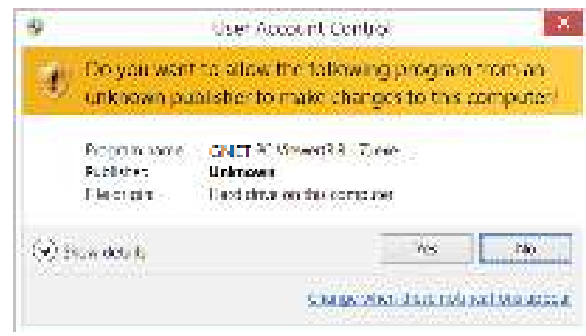
4 Insert the Micro SD memory card to PC

PC VIEWER INSTALLATION

5 Install the [Viewer.exe] file in the Micro SD memory card as picture shown.



6 Click the [YES] button on the user control menu.



7 Click the [Next] button and click the [Installation] button.

PC VIEWER INSTALLATION

8 Confirmation the latest version pop-up will appears as picture shown if network is connected. If there is no internet connection, PC Viewer program will be executed directly.

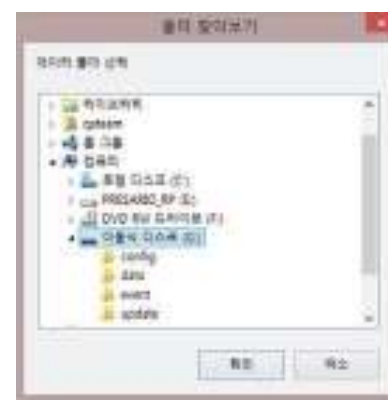
9 Click the [Execute a viewer] button to start viewer program.

10 When the installation is completed, the PC Viewer program runs automatically and Gnet icon will be created on the computer.

Gnet icon ▶

11 [Open the file]

When click the file button( ),
the browse folder will appear like picture.
And select removable disk,
Press [OK] button.



SCREEN GUIDE

- **PC Viewer (Window)**

① Tool Box

	Save		Folder Open
	Print		Setting

② Google Map

When GPS and internet are connected, it will work normally

③ Playlists and Information Display

④ GPS reception window

It can be used only when GPS is connected

⑤ Video control popup

Thumbnail
Draw a lane
View a video
Split View
PIP View
Toggle (change) color black and white mode

⑥ G-sensor (acceleration) graph

⑦ Speedometer

(It can be used only when GPS is connected)

⑧ Play a recorded video

	forward play
	Pause
	Repeat event video
	Previous, Next Event
	Play one frame

⑨ Adjust playback speed

⑩ Sound control

- **How to Check G-sensor data**

When you play the video, three-dimensional coordinate system information (G-sensor data) on the X-axis(progress direction), Y-axis (left-right), and Z-axis (height) of the image currently being played at the G-sensor data location is output.

<Magnification of G-sensor data>

① The location of the image currently being played

② Numerical values and graphs of three-dimensional coordinate system information (G-sensor data)

QUESTION & ANSWER

Q The dash cam makes a “ding dong” sound while driving.

A As an impact detection sensor inside the dash cam detects impact or curve while driving, there is a buzzer sound with LED flickering.
It means that the dash cam is working correctly.
If the sound from the device bothers you, you can configure the sound and buzzer to turn on/off via a dedicated viewer or an app.

Q The recordings are out of focus.

A Out-of-focus issues are caused by incorrect positioning during installation, even if not a lens defect. So, make sure you have the dash cam installed in an exposed position on the windshield. Please kindly move the camera position and try to check the video again. Before installing the dash cam, you must clean the car's windscreen. Dust, excessive pigmentation, and backlighting can blur the video quality. If it still doesn't work after trying all the solutions.
Take a video of the problem and contact your seller or manufacturer.

Q Is dash cam available for a tinted car?

A Dark shades can affect clear vision and video quality. If the video is too dark to recognize any objects in the video, it is recommended to remove the tint where the dash cam is installed.

QUESTION & ANSWER

Q Parking mode doesn't work on curves or slopes of the road.

A To switch to parking mode, the dash cam needs some information such as the path of travel and the horizontal angle of the car. If the car is parked on an incline, the dash cam may not recognize that the car is stationary.
In other words, the vehicle maintains an angle above the specified value, the dash cam may misunderstand that some event has occurred.

Q GPS signal reception does not work properly.

A For your information, GPS needs to be far away from the dashcam to prevent interruption of GPS reception inside the car.

Q How can I set the date and time through GNET viewer?

A Insert the memory card into your PC and open the dedicated PC viewer.
Select the time zone to match the date and time on your current location in Settings and save it. Then, reinsert the memory card into the camera and start over.
Setup is completed in a few minutes depending on your environment.

Q **If the dash cam is connected with a constant power cable, won't the car battery discharge?**

A Our dash cam has a function that automatically turns off when the voltage value of the car engine is below. The feature, LBP(Low Battery Protector) prevents car battery discharge and it gives the minimum battery charge rate so that the driver can activate the engine without failure.
However, in winter, depending on the battery condition and cold temperature, the car battery may be discharged due to the nature of the battery. If the battery has been used for more than 2-3 years, please replace the car battery for safe use.

Q **My car was discharged even though I installed the dash cam with a constant power cable.**

A First of all, you need to make sure if the fuse cable connections are installed correctly according to the instructions. Home users may not be accustomed to
hardwired compared to cigar jack cables. ACC (red) should be connected to a fuse that is powered when the car engine is turned on.
VCC (= B +) (Yellow) should be connected to a fuse that retains power even when the car engine is off.
GND (black) should be connected to a bolt that makes physical contact with the metal surface around the fuse box.
Plus, you need to check the battery life. An aging battery will affect the battery level. If the problem persists even after testing using both methods, please contact the seller or manufacturer's customer service center.

QUESTION & ANSWER

Q **Is dash cam used with AC adapter?**

A Our products are only for car and it is not available to use with AC adapter.

Q **There is noise in the recordings.**

A Dash cam records any sound in your vehicle by amplifying the sound for better recordings. Even if it seems there is no sound around the camera, a few noises may be recorded. Please be aware that it is operating normally.
If the sound cannot be recognized due to noise, you should contact the seller or manufacturer.

Q **The dash cam doesn't turn on at all.**

A [Using Cigar jack Cigarette cable]
a. Please make sure if cigar jack cable is correctly working or not.
b. Confirm that power socket of cigar cable is correctly connected.
c. Please check if it is on parking mode. The dash cam only works on the driving mode.

[Using Fuse cable/ OBD power cable]
a. If input voltage goes down below LBP(lower battery protection) value setting, dash cam interrupt power itself to protect car's battery.
b. Please check dash cam operation after turn on car and charge car battery.

Q Voice is not recorded.

A If the voice recording is not working properly, please check the feature in the Gnet App and the Viewer whether its function is off. If the function is on but you cannot hear any sounds, the speaker is probably damaged.

In the case of LCD model dash cams, you can change the function by touching the LCD screen without using the App or the viewer.

Q Why user should use genuine memory card.

A Each manufacturer's memory card has a different NAND flash and an internal controller. Our genuine memory cards have not only been tested in multiple test environments for many years but are also best compatible with our products.
A memory card is an important storage device and must be well-compatible with the device to read and write data every few seconds during operation. Normal operation and warranty service cannot be guaranteed when using dash cams with other brands of memory cards.

QUESTION & ANSWER

Q The voice repeats from the camera.

A

If you have any trouble with voice guidance repeated,
there are some solutions you should try on.

i) Please turn off the power of dash cam.
ii) Take out the memory card and insert it into your PC to format the SD card.
iii) Check if the rear/ inner camera is connected well.

Q How to use products stably.

A

1. Keep the dash cam lens clean regularly. Fingerprint and dust on the lens are some of the problems that cause blurred video quality.
2. Make sure your dash cam is working properly.
   It may not perform well due to some errors such as a defected memory card or a bad connection with the power cable.
3. Check and format the memory card once a week if the user uses a constant power cable.
   - Basically, our products support a format–free function for a user's convenience. But, it may strain on your memory card while it is reading/ writing. Also, the error can occur due to excessive file operation on the memory card.
4. Please separate the power jack when you do not use a car for a long time.
   - The standby power consumption when the car engine is off will cause the complete car battery drain.

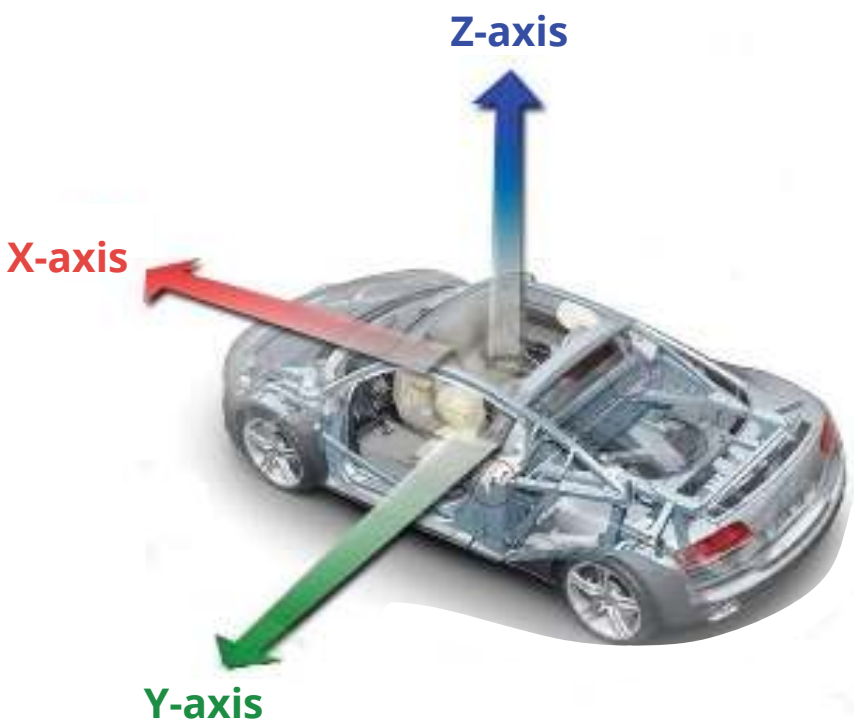
Q **If I download a video on my smartphone, where can I find it?**

A It is different system depends on the manufacture.

A. Samsung : My file → Device Internal storage → DCIM → GNET
B. LG : File management → All files (or Internal storage → DCIM → GNET)
C. iphone : Camera roll (on Photo album)
If you can not find the files, Search for “DCIM” folder on your smartphone

Q What is the G-Sensor?

A The G-sensor (Gravity Sensor) is a sensor that recognizes the movement or tilt of an object due to the action of gravity on the Earth.



X axis:

Front and rear shock and acceleration (+) and deceleration (-) are shown in red.

Y axis:

On the left (+) and right (-) sides, the impact and left/right Tovement (turn left, turn right) are shown in green.

Z axis:

The top (sky +) and bottom (ground -) impacts are shown in blue.

Q What is the LBP?

A LBP stands for Low Battery Protector, which checks the voltage of the car battery in real-time to prevent the car battery from discharging by turning off the dash cam at low voltage.
The purpose is to save the minimum power of the vehicle battery to be able to start the vehicle.

It can be set in 9 steps of 11.3V, 11.5V, 11.8V, 12V, 12.3V, 12.5V, 12.8V, 13.1V, 13.4V in the LBP voltage management system, and the dash cam turns off when it is below the threshold value for 10 minutes.

Configurable voltage (V)					
Power OFF	11.3V	11.5V	11.8V	12V	12.3V
	12.5V	12.8V	13.1V	13.4V	

QUESTION & ANSWER

Q What is the Parking mode ?

A

Parking mode means the dash cam records and stores videos when the vehicle is not being driven.
In the case of using a 3-wire constant power cable, if the ACC power cuts off after parking which means you turn off your vehicle, it enters the parking mode immediately. Entering parking mode, the dash camera recording frame (FPS) is automatically changed from the designed FPS(30FPS in general) to 1FPS. It is changed to 10FPS when movement defects or impacts occurred to minimize unnecessary recording time. In other words, parking mode can record much longer than normal driving mode.

Q What is the Smart Motion Detection?

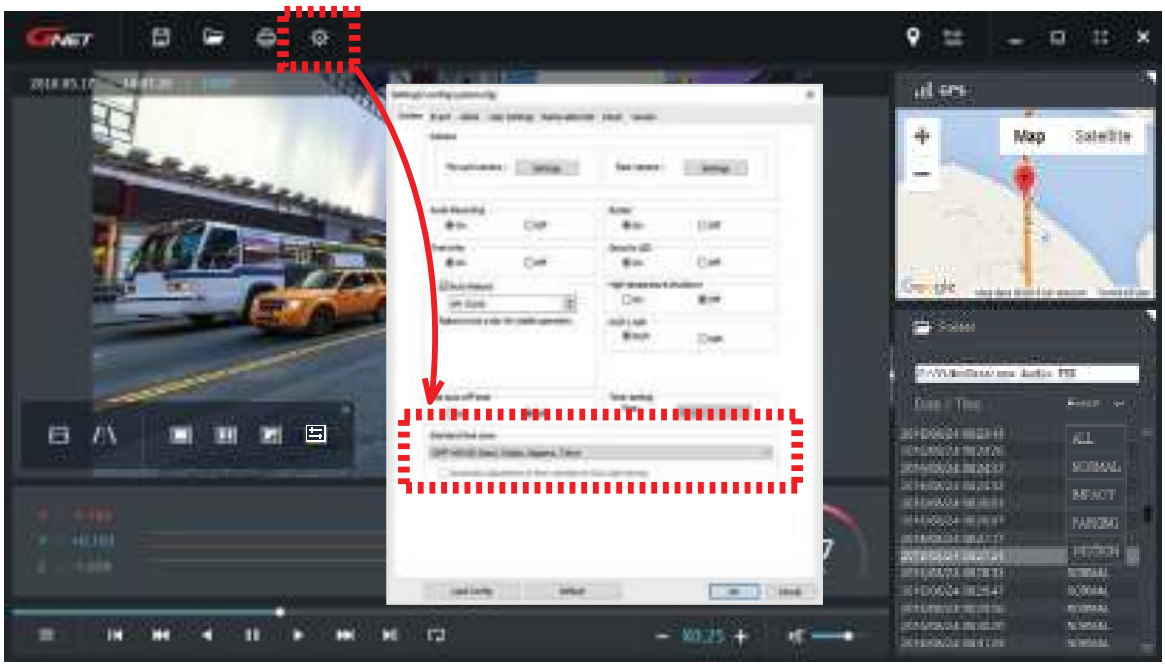
A

During parking:
When parking mode is on, the dash cam records at 10fps.
When parking mode is off, the dash cam records at 30fps.

When parking mode is on and motion detection is OFF, the dash camera continues recording at 1fps.
When both parking mode and motion detection are on, the dash camera will start recording at 10fps only when motion is detected.

Q How can I change the time of device without LCD screen ?

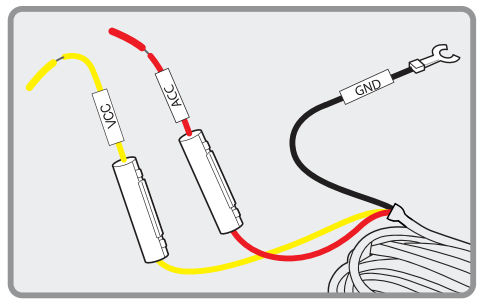
A In PC VIEWER, you can enter the Setting > System > Standard time zone as below



QUESTION & ANSWER

Q How to use direct power cable (3 Wired Type)

A

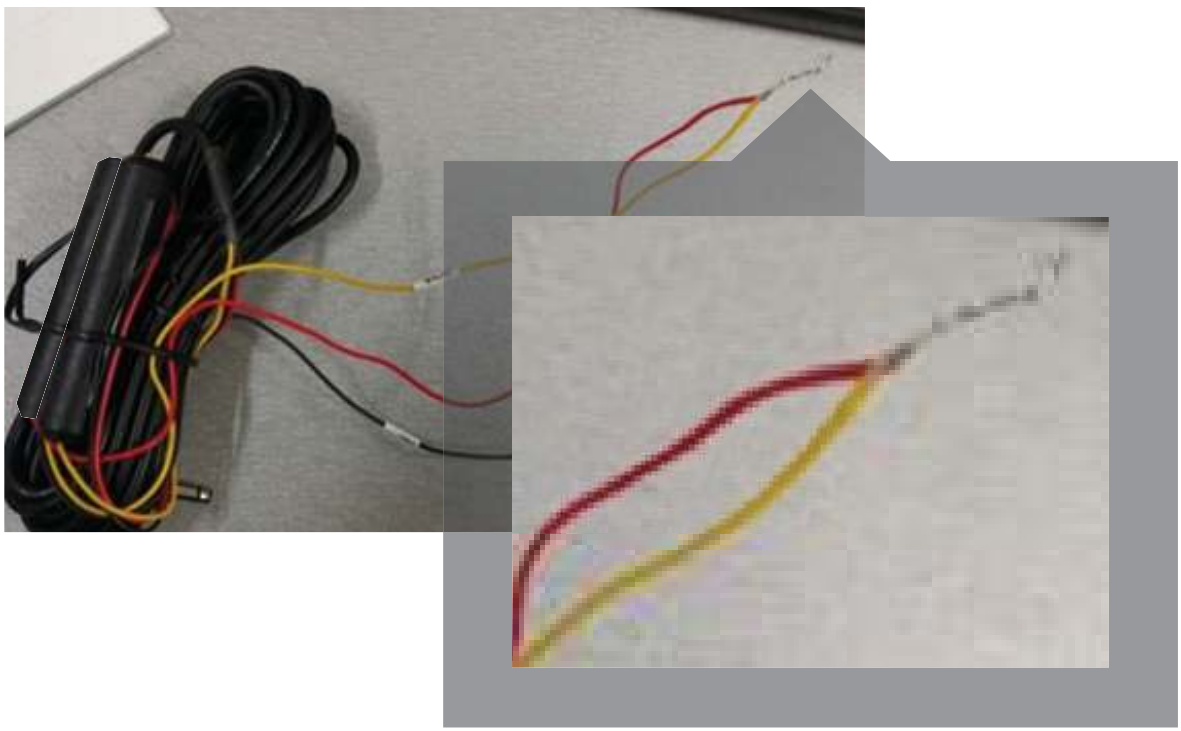


1. For the continuous recording even when the ignition is turned off, please refer to each cable below.

   Black cable(Ground) should be connected to the ground on a car.
   Yellow cable(VCC) should be connected continued the power supply of a fuse in the fuse box. (ex : Emergency light, Hazardous light, Door lock, etc)
   Red cable (ACC) should be connected to power supply of a fuse which is operated when turning on ignition (ex : cigar light fuse, etc)

2. If you do not want to record when the ignition is turned off, please refer to below.

Black Cable (Ground) should be connected to the ground of the car.
Twist **Yellow Cable (VCC)** with the **Red cable (ACC)** as shown below.



These twisted cables should connect to the power supply of a fuse which is operated when turning on the ignition. (ex : cigar light fuse, etc)

TROUBLE SHOOTING

No power (no boot)

A

i) Unplug the power jack and plug it back in.
Ii) Ignite the vehicle in the case that the power of dash cam is powered off by LBP.
Ii) Check if the cable of VCC or ACC is disconnected.

Video input error

A

Regarding of rear camera, you should check the connection between the cables. However, if a video from the front camera doesn't appear, it may occur by the damaged image sensor. Please ask the seller or customer service center at Gnet System.

SD card damage

A Turn off the dash cam and take off the SD card. And then, reinsert it and turn the dash cam on. Otherwise, it is related to the life of the SD card.
If you experience the same symptoms afterward, contact us within 3 months of warranty.

Vehicle battery discharge

A
1. Check the cable connection.
2. Check whether it is a 2-wire or a 3-wire type.
   (2-wire type does not apply to items ② below.)
3. Cause of discharge

   ① Especially, in winter, the cold weather weakens the vehicle's battery performance, and short driving times can cause the vehicle to discharge. It prevents from being discharged discharge by activating the LBP function being symbiotic with the car battery.

   ② Setup → Voltage Management → LBP On → LBP Cutoff Voltage is set 12.0V as default.

   Turn off your device if you need to park for more than 24 hours.
   Even when LBP is set, the battery may drain during long-term parking.

TROUBLE SHOOTING

Recovery Inquiry

A

1. Video that has been stored for a long time is overwritten, making it difficult to restore.
2. If the user checked the SD card on the computer and accidentally deleted the JDR file from the data/events folder (or for any reason), insert the the SD card into the device and boot -> Recovery.

※ If you format the SD card, it can't be recovered.

WARRANTY CARD

Product	GNET Dash cam		**Model**	G-ONX
Serial Number			**Purchasing Date**	
Consumer Information	**Name**		**Tel**	
	Address			
Seller / Vendor			**Tel**	
Warranty Period	Dash Camera : 1 Year Micro SD card : 3 months			

* If you require product repair, service and/or support,
please contact your local seller or send us an email: info@gnetsystem.com

GLOBAL NETWORK

www.gnetsystem.com/eng
www.g-on-the-road.com
info@gnetsystem.com

6F Lotte IT Castle II Gasan Digital 2ro 98,
Geumcheon-gu, Seoul, Korea