Product specification

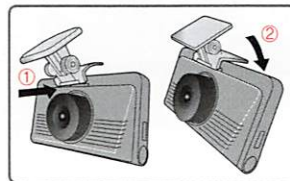| Channel	4 ch (Fron, Right, Left, Rear)
Image Sensor	Full HD COMS Sensor (Front-FHD, Right/Left-HD, Rear-HD)
Audio input	Builtin Microphone
Video compression	H.256
Audio compression	ADPCM
Recording Resolution	Front 1080p(1920X1080P), Side/Rear 720p(1280X720)
Wi-Fi button	Smartphone registration standby mode
Vibration Sensor	Event recording by impact
Voice Support (Speaker)	An audible alarm and voice guide for operational status
Memory support	Micro SD 16MB~1TB, External 2M Method SSD storage support (maximum 1TB)
(Dual save supported)	Specification:M.2 SATA3, interface key:B Key, B+M Compatible,
	Max. Storage capacity : 2280 supported
External GPS Sensor	Location & Speed recording, Based on google map (option)
Viewer	Windows Vista / 7 / 8 / 10, 32Bit / 64Bit suppoerted CPU i5 3,0GHz,
	Memory 4GB or higher required Depending on PC's capabilities,
	It may not be smooth to play 3 channels at the same time,
	Google map mis suppoerted from windows 7 under Google policy
	Explore 10 or higher is required
Power	DC 12V ~ 24V
Acceptable currency value of the supplied fuse	3A
Operation Temperature	−20° C ~ 70° C (Storage : −20° C ~ 80° C)
Humidity	10~95%
LCD(Touch)	4.5 Inch 854x480 Pressure Sensitive Touch screen
Water/Dust Proof	Right, Left side Camera : IP69K
Dimension	Front 128x64x36mm / Right, Left, Rear 44x36x46mm

※Some specifications of this product are subject to change without prior notice for quality improvement.

Product installing

⚠️ If you install the product at a non-professional installation store, it may not be possible to receive free repairs. Therefore, be sure to seek professional help. We are not responsible for any breakdowns, accidents, vehicle or product damage caused by this.
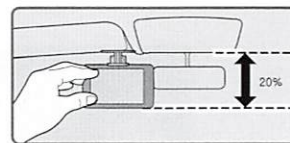
Connecting a dash cam to a vehicle

1 Insert the Micro SD memory and insert the mount into the groove on the top of camera as shown in ①, then insert the port side groove part as shown ② and push it until it click
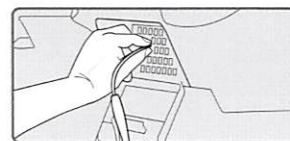
2 Remove the double-sided tape attached to the mount.

3 Select and attach the location of the vehicle attachment and then rotate the handle to adjust an angle of recording of a dash cam. At this time, be careful not to obstruct the front surface of the lens. ※Please be careful for a dash cam not to obstruct the view of a driver.

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 a direct power cable to the fuse box terminal inside the vehicle. [Connect a direct power cable to fuse box terminal which is always power-supplied even if the ACC is cut off to trunk, emergency light and door lock.] Connect the DC power jack and the Side & Rear camera cables to the connection terminal on the top of a dash cam

Product installing

Basic Components

- Front Camera (Inc, Mount)
- Power Cable
- Memory
- Quick Guide
- Side Camera x2(Inc, Mount)
- Connection Cable
- Bracket
- Bracket Sponge

⚠️ Please make sure that all the above components are included. (External GPS, cigar jack, and Wi-Fi dongle are sold separately)

Basic Components

- Rear Camera (Inc, Mount)
- Rear connection Cable
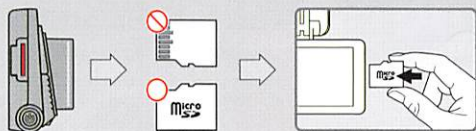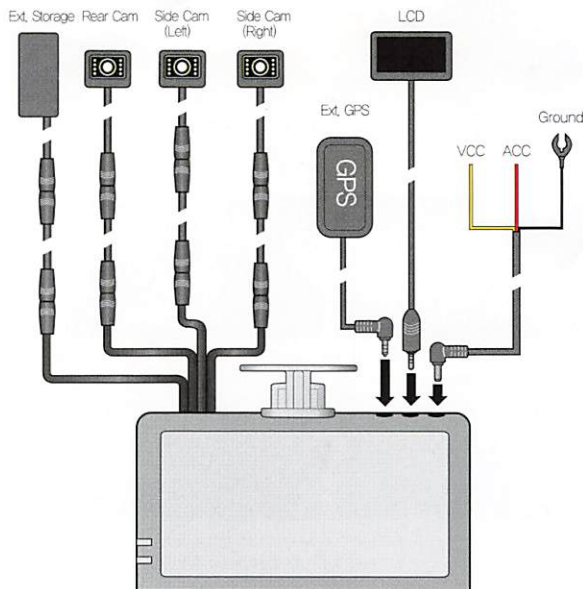- Ext, GPS
- Cigar Jack
- Wi-fi Dongle
- Ext, Storage

※The image of the component may differ from the real,
※SD MEMORY is recommended for the dedicated SD card of GNET.
※The contents of this product are subject to change without prior notice for improvement of product performance.

Insert a memory card

⚠️ Be sure to read the precautions before using Micro SD memory.

Wiring Diagram

Ext, Storage   Rear Cam   Side Cam (Left)   Side Cam (Right)   LCD

Ext, GPS

GPS

VCC   ACC   Ground

⚠️ Make sure to connect or disconnect the external camera only when the power is turned off

Use only cables approved by our company,

If the camera cable is bent as shown in the picture on the right, data transmission may be disturbed, resulting in an error in recording. Be careful,
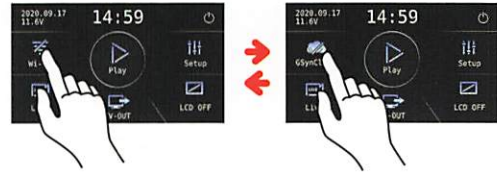
Product usage description

How to operate the product–Main screen

When the product is turned on, the screen shown on the left is displayed on the LCD with a message saying "Start recording".

① Playback	Play recorded video
② Screen off	LCD screen turns off when you touch it, After the screen is turned off, just touch anywhere to turn it on again.

③ TV-OUT — When touched, a real-time video appears on the connected monitor screen and LCD screen of the dash cam turns off, Touch anywhere after the LCD screen turns off to turn it on again.

④ Wi-Fi — When you tap Wi-Fi button, you will hear a voice "standby mode for registration".
If there is no connection for 2 minutes, it is automatically disconnected, and when you touch the button again, a guide voice will be heard.

▶When the device is not equipped with a Wi-Fi module
▶When the device is equipped with a Wi-Fi module

When switching to CLOUD or Wi-Fi mode

– Press and hold the Wi-Fi button for 5 seconds to change to CLOUD mode (The dash cam will be rebooted)
– To change to Wi-Fi mode, press and hold the CLOUD button for 5 seconds(The dash cam will be rebooted)
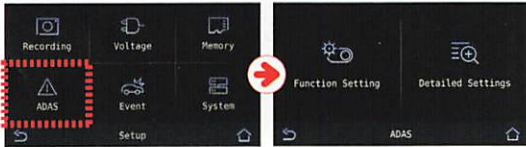
⑤ Settings	Various settings can be changed.
⑥ Real-time video	You can check the current video
⑦ Power off	The system shuts down. ※ If the dash cam is shut down by pressing the power button,you must press the power button again to restart the dash cam.

ADAS Feature Description

❗ Lane detection point, front car departure and collision alarm icons can be viewed only when the current status of LCD is a real-time image.

※ To increase ADAS recognition rate, it is recommended to install a dash cam in the middle.
※ At night, ADAS recognition rates may be reduced.

① Lane departure detection:
a function that notifies when you are out of lane.
As shown in the picture, if the lane is detected while driving, the green dot is displayed.
If the lane deviates, the red dot is displayed as shown in the picture above and a buzzer sounds.
However, the lane departure detection alert only operates when the speed is higher than the set-speed.

② Front car departure:
A function that informs the driver that the front vehicle has departed as shown in the picture.
During the stop, when the distance from the front car is more than 2 meters, it displays the departure icon on the LCD screen along with the alert tone.

③ Collision alarm:
A function that notifies you when there is a risk of collision with the car ahead.
When the distance from the front car is short and the vehicle speed is fast,
When the distance from the front car suddenly decreases in a short time,
It will display a Collision Alarm icon with a warning sound.

Touch test

If the LCD touch does not work well, you can correct the touch, Follow the on-screen instructions and touch the center of the cross-hairs in order.

Start touch calibration, Touch the center of the cross.

※ On the main screen, press the power button three times for more than 0.5 seconds to move on to the touch calibration screen.

ADAS usage description–LCD

❗ ADAS settings can only be set after GPS connection.

Touch the ADAS button in the main setting to set the ADAS function and set the details.

① Function setting–Through the ADAS function ON/OFF button, all functions can be turned ON/OFF, and when the ADAS function is ON, lane departure detection, front vehicle departure, and collision warning can be turned ON/OFF respectively.
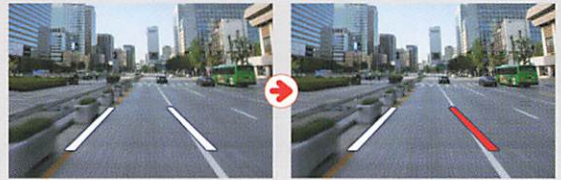
② Detailed setting–In ADAS detailed setting, you can set lane departure detection sensitivity and collision detection sensitivity as low, medium and high respectively, You can set lane departure detection speed to 50 km/h, 60 km/h, and 70 km/h to set the alarm to sound when it exceeds that speed.
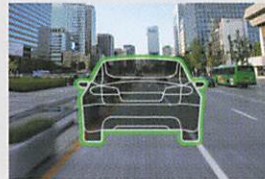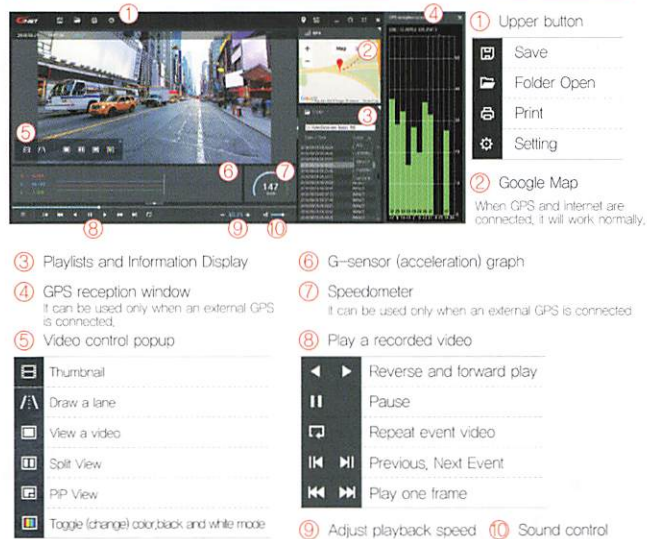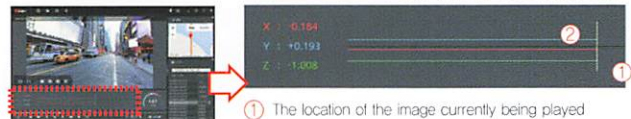

Player menu name

① Upper button

🖫	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 an external 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 an external GPS is connected.

⑧ Play a recorded video

◀ ▶	Reverse and forward play
�II	Pause
⟳	Repeat event video
I◀ ▶I	Previous, Next Event
◀◀ ▶▶	Play one frame

⑨ Adjust playback speed   ⑩ Sound control

How to check G-sensor data

⟨Magnification of G-sensor data⟩

X : -0.154
Y : +0.193
Z : -1.008

① The location of the image currently being played
② Numerical values and graphs of three-dimensional coordinate system information (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.