



트럭 전용 블랙박스

지넷시스템 안전 운전의 파트너



GT900 α PREMIUM

3-4CH QHD | HD | HD | HD

Quick User Guide rev01

This manual includes the basic information required in order to set up and operate the GTX Premium. For more details including all other official user manuals for GTX Premium product, please visit the GNET SYSTEM's website,

(<https://www.gnetsystem.com/eng> → SUPPORT → DOWNLOAD

PRECAUTIONS FOR SAFE USE

All rights to the product are in GNET and are protected under copyright law, Unauthorized copying, modification and distribution without prior consent of GNET may be Subject to criminal penalties.

- Do not expose the unit to excessive shocks or debris.
(This may damage the product or cause fire and electric shock.)
- Avoid excessive tanning or special glass as much as possible.
(The images could be blurry or distorted and it may cause a problem to GPS reception rate.)
- 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.
- Do not use liquids or chemicals to clean the product or accessories.
– This may cause product damage, fire, or electrical shock.
- If it is not used for a long period of time, the time of the product may be reset. Please always check the time. (Excluded when connecting external GPS).
- When exposed to direct sunlight for a long period of time, recognition error of SD card and camera image distortion may occur due to temperature increase inside vehicle. If outdoor Parking is required for a long period of time, disconnecting power may help to use your dash cam without any problems.
- Avoid high temperature or high humidity environment for normal operation of the product.
- Please periodically check if the equipment operates normally.
- Check the operation of the side and rear camera periodically on the LCD real-time screen Before driving.
- If the cables are artificially extended or cut, the quality of the product may be affected.

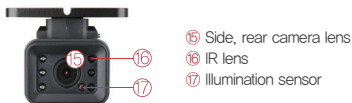
CAUTION FOR MEMORY CARD

- 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 4GB to 256GB.
- 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 SPECIFICATION



- | | | |
|-----------------------------------|--|-----------------------|
| ① Front camera lens | ⑥ GPS LED | ⑫ SD Memory card slot |
| ② Security LED | ⑦ REC LED | ⑬ Power button |
| ③ Front Camera Mount | ⑧ Power connection terminal | ⑭ Wi-Fi port |
| ④ Angle adjustment screw of mount | ⑨ AV-OUT | |
| ⑤ 4.5inch LCD | ⑩ GPS connection terminal | |
| | ⑪ Side, rear camera, external storage connection cable | |



- | |
|--------------------------|
| ⑮ Side, rear camera lens |
| ⑯ IR lens |
| ⑰ Illumination sensor |

SPECIFICATIONS

Channel	4CH [Front, left, right, rear(option)]
Image sensor	QHD SONY STARVIS (Front-QHD, Left-HD, Right-HD, Rear-HD)
Audio input	Built-in Microphone
Video Compression	H,265
Audio Compression	ADPCM
Resolution	Front 1440P (2560x1440P) / SIDE AND REAR 720P (1280x720P)
Frame Rate	Front Max 30 FPS, SIDE AND REAR Max 30 FPS
Wi-Fi	Registration standby mode
G-Sensor	Event recording by External Shock
Speaker	Operation Status alarm / Voice guidance
Memory (Dual save)	Micro SD 32~512GB / External storage Max 1TB (External SSD) Size : M2 SATA3, Interface key : B Key, B+M Key
External GPS	Synchronize with Google map, Keep track of the location and Speed
Angle Of View	Front : 140° / Side, Rear : 130°
Viewer	Windows 7/8/10/64Bit In order to use Google map, WebView2 Runtime is required Require Min. CPU i5 3.0GHz, Memory 4GB Synchronizing Google map with PC viewer is supported over Windows7 and Explorer 10 as per Google's policy.
Power	DC 12V ~ 24V
Allowable current of providing fuse	3A
Operation Temperature	-10°C ~ 60°C (Storage: -20°C ~ 80°C)
Humidity	10~95%
LCD (Touch)	4.5inch 854x480 resistive LCD panel
Dust proof & water proof	Side and Rear camera with IP69K
Size of dashcam	128x64x36mm / Side, Rear : 44x48x34mm

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

PRODUCT COMPONENTS

Basic Components



Front Camera
(Including a bracket)



Side Camera x2
(Including a bracket)



Micro SD
memory card



Power cable



User Manual



Connection cable x2



Bracket x2



Bracket sponge x2



Screw x2, Allen key x2

! Please make sure that all of the above product components are included.
(Rear Camera, Rear camera cable, Cigarette Lighter Power cable, External GPS, Wi-Fi Dongle, and External storage case are sold separately).

Option Components



Rear Camera
(Including a bracket)



Rear connection
cable



External GPS



Cigarette Lighter
Power cable



Wi-Fi Dongle

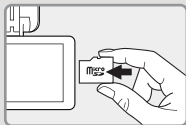


External Storage
case

- ※ 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 SD memory card be used with all GNET products.

Insert a memory card

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

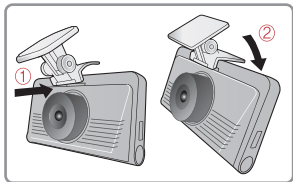


PRODUCT INSTALLING (FRONT CAMERA)

- !** 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.

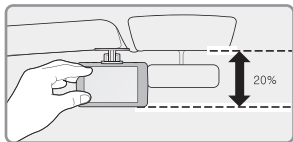
Connecting a dash cam to a vehicle

- 1 Insert the 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 you hear the "click".



- 2 Peel off the double-sided tape attached to the mount.

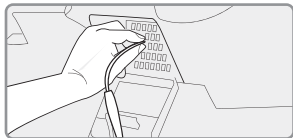
- 3 Select and attach the location of the vehicle attachment and then rotate the handle to adjust an angle of recording of a dash cam. At this time, be careful not to obstruct the front surface of the lens.



※ Please be careful about a dash cam not to obstruct the view of a driver.

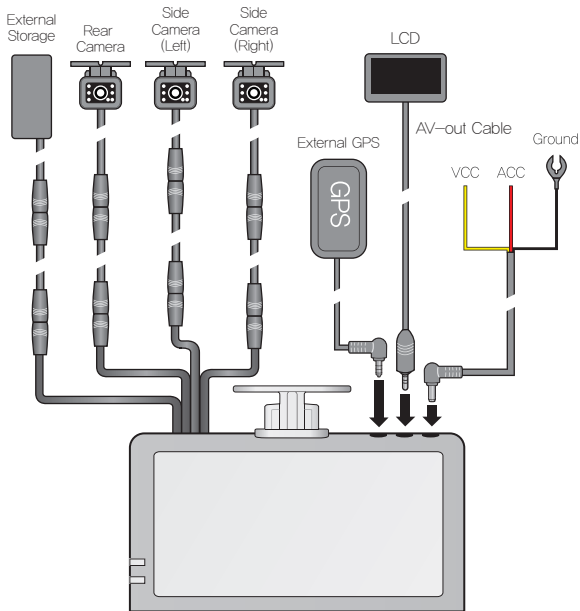
- 4 Depending on the vehicle, the front angle may be different. It is recommended to hold a dash cam vertically based on a regular passenger car.

- 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 truck, 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.

WIRING DIAGRAM



- ! Make sure to connect or disconnect the external camera only when the power is off.

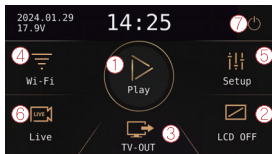
Use the cables which GNET approved

If the camera cable is bent as shown in the picture
On the right, data transmission may be disturbed,
Which result in an error in recording.



PRODUCT USAGE DESCRIPTION

How to operate a product - Main Screen



Once the product is fully powered on, "Start recording" message appears on the LCD

- | | |
|-----------|---|
| ① Play | Play a recorded video back. |
| ② LCD off | LCD screen turns off when you touch it. After the screen is off, just touch anywhere to turn it on. |

- | | |
|----------|---|
| 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 to turn it on again |
| ④ Wi-Fi | When you touch the Wi-Fi button, you will hear the voice "Standby mode for the registration." If there is no connection for 2 minutes, it will be automatically canceled, 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

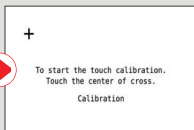
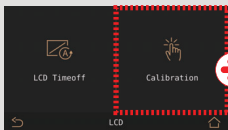
Switching mode (CLOUD/Wi-Fi)



- 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 Set up | Changing the settings |
| ⑥ Live | You can check the actual view of the camera |
| ⑦ Power off | Shut down the system.
※ If the dash cam is shut down by pressing the power button, you must press the power button again to restart the dash cam. |

TOUCH TEST

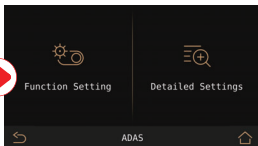
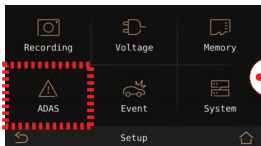


If the LCD touch does not work well, you can correct calibrate the touch. Follow the on-screen instructions and touch the center of the cross-hairs in order.

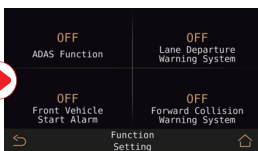
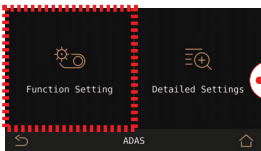
※ On the main screen, press the power button three times for more than 0.5 seconds to Move on to the touch calibration screen.

ADAS USAGE DESCRIPTION – LCD

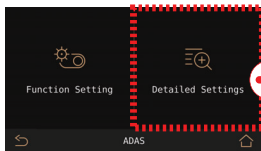
! ADAS Settings can only be set after GPS connection



Touch the ADAS button in the main setting to set 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 Detail Setting : In ADAS detail 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 50km/h, 60km/h, and 70km/h to set the alarm to sound when it exceeds that speed.

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, dash cam need to be installed in the middle.
- ※ At night, ADAS recognition function may decrease.



- ① Lane departure warning system : A function that informs, when the car leave the lane. As shown in the picture, if the lane is detected while driving, the white lane is displayed. If the lane deviates, the red lane is displayed as shown in the picture above and buzzer sounds. However, the lane departure warning system only operates when the speed is higher than the set-speed.



- ② Front car departure: A function that informs the driver that the car in front has departed. When the distance from the car in front of you increases by more than 2 meters during the stop, it displays the departure icon of the car in front of you with a notification sound on the LCD screen.



- ③ Collision warning : A function that informs you when there is a risk of a collision with a car in front of you A collision warning icon is displayed with a notification alert with below reasons;
Distance between the car in front is short
Speed of the car is fast
Distance between the car in front is rapidly reduced within a short period of time

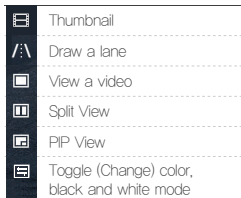
플레이어 메뉴 명칭



③ Playlists and Information Display

④ GPS reception window
It can be used only when an external GPS is connected.

⑤ Video control pop-up



④ G-sensor (acceleration) graph

⑦ Speedometer
It can be used only when an external GPS is connected

⑧ Play a recorded video



⑨ Adjust playback speed ⑩ Sound control

• The color adjustment panel function is only available in HW mode.

How to check G-Sensor data

〈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)

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.

CELLULAR PHONE CONNECTION

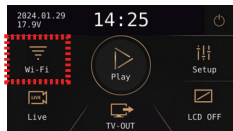
How to connect an Android

- 1 After installing the GNET application, run it on the cellular phone.
* If CLOUD is activated, will not be able to connect with GNET APP.

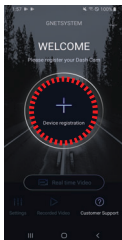


- 2 Touch the Wi-Fi button of the dash camera to enter standby mode with the voice message "Registration standby mode"

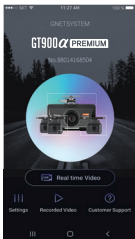
The registration standby mode keeps for 2 minutes. When the time elapsed, the voice guidance "Registration standby mode is canceled" will come out.



- 3 Touch the registration button to search for the dash camera.



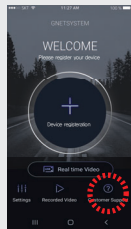
Touch the "+" button to search for the dash camera, then use the left and right arrows to select your dash camera and touch "Connection" on the screen



The registration of the dash camera is completed.

Failure of connection

Press the Customer support button of GNET App on your mobile phone.



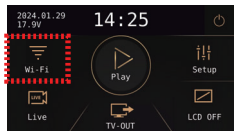
How to connect an IOS

- 1 After installing the GNET application, run it on the cellular phone.
* If CLOUD is activated, will not be able to connect with GNET APP.



- 2 Touch the Wi-Fi button of the dash camera to enter standby mode with the voice message "Registration standby mode"

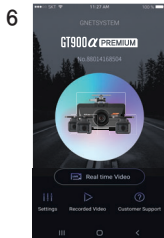
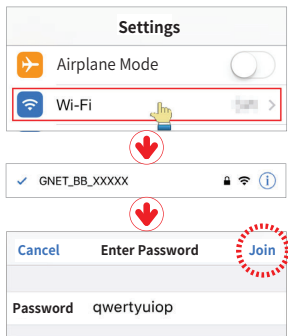
The registration standby mode keeps for 2 minutes. When the time elapsed, the voice guidance "Registration standby mode is canceled" will come out.



- 3 Turn on the Wi-Fi from mobile phone

- 4 Connect to the dash camera's Wi-Fi network (begins with GNET_BB_)

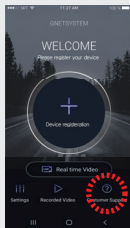
- 5 Enter the password [qwertyuiop] and press connect button



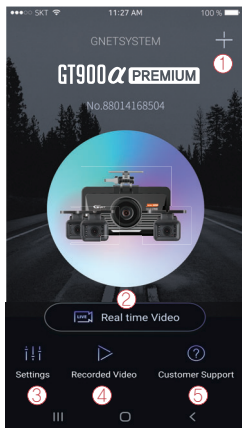
The registration of the dash camera is completed, available the GNET application.

Failure of connection

Press the Customer support button of GNET App on your mobile phone.

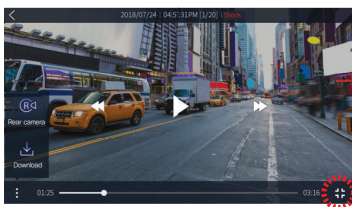


APP Main Screen Description



- ① This function allows you to connect other dash cams or delete the registered devices.
※ Supported only on Android mobile
- ② To view a live video feed from the dash cam.
- ③ You can easily toggle camera settings via your mobile phone. When finished, select the “Save” button to reboot the system.
- ④ View previously recorded video from the cam. Video can be downloaded directly onto the mobile phone.
- ⑤ Customer Support
Need product support? Select this button to be directed to our customer support center.

APP Screen description for a recorded video



Both vertical and horizontal modes are provided to the screen of real-time and recorded videos, allowing you to view the images in a wider screen depending on the situation.

Warranty Card

Product	GNET Dash cam		Model	GT900 Alpha Premium
Serial Number			Purchase Date	
Customer Information	Name		Tel	
	Address			
Seller/ Vendor			Tel	
Warranty Period	Dash Camera : 1 Year Micro SD card : 3 months			

*If you would like to repair the product, please contact by e-mail address info@gnetssystem.com



www.gnetssystem.com/eng
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info@gnetssystem.com

