D-FORCE S1

4CH FHD(HDR) WITH CLOUD DASHCAM

For Taxi, Van, Truck, Trailer, Caravan, Bus and all kinds of vehicles

Quick User Guide

The QUICK USER GUIDE shows only the basic information for using D-FORCE S1. For more information about D-FORCE S1, please refer to the website (http://www.gnetsystem.com)

Date of manufacture : marked on gift box
Manufacturer/Country of Origin: Gnet System Co.,Ltd / The Republic Of Korea
Certificate No. R-R-TUP-D-FORCES1

Warranty and Liability

1. Usually, memory storage devices have a usable lifespan, and data may be lost due to the lifespan of the storage device and static electricity or external voltage shock. Be sure to copy important data to another storage device.
2. We are not responsible for any damage caused by product failure, loss of stored data, or any other damage related to this product.

※ For quality improvement, manuals and product specifications may be revised without prior notice to users.

MEMORY CARD INFORMATION

- **The SD memory card has a limited life cycle and will gradually degrade overtime with constant writing and deleting of data.** Therefore, it is necessary to replace the SD memory card once it has reached its lifecycle.
- To prevent incompatibility problems, use a genuine GNET Memory card. The GNET memory cards are specifically designed to operate with GNET dashcams and are covered under our warranty program. Other memory cards are not covered under our warranty.
- If you wish to save certain footage, it is advised to remove the memory card from the device and save the data to a computer immediately. When the memory card is full and overwritten, the data cannot be retrieved.
- Ensure to remove the memory card only after the recording LED is off. If removed too early, video data could be lost or corrupted. This can also shorten the card's lifespan.
- Do not swap memory cards between other products. Data may be erased and lost if the memory card is automatically formatted.
- We recommend formatting the memory card more than once a month for maintenance. It is recommended that you format or check the memory card through a SD formatter program via PC Viewer or GNET App. – Please check your Micro SD memory card's condition after downloading the SD Formatter program through http://www.sdcard.org.
- 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. Do not attempt to remove the memory card during standby mode or when the device is formatting the card.

SPECIFICATIONS

Channel	4Channels(Front, Rear, Left and Right camera)
Image sensor	FHD SONY STARVIS(FHD for all cameras)
Audio input	Built-in Microphone
Video Compression	H.265
Audio Compression	ADPCM
Resolution	Front, Rear, Right, Left 1080P (FHD 1920 X 1080P)
Frame Rate	All cameras : Max. 30 FPS
Wi-Fi button	Standby mode for registration on Smartphone
G-Sensor	Event recording by External Shock
Speaker	Operation Status alarm / Voice guidance
External GPS	Synched with Google map, Keep track of location and Speed
Angle Of View	Front: 140°, Rear: 140°, Right Side: 140°, Left Side: 140°
Viewer	Windows 7/8/10 Support 32Bit / 64Bit, 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 (Dashcam / LCD monitor)	-10℃ ~ 70℃ (Storage temperature: -20℃ ~ 80℃) / -10℃ ~ 60℃ (Storage temperature: -20℃ ~ 80℃)
Humidity	10~95%
Waterproof/dustproof	External truck IR camera: IP69K
Dimension (WxHxD, mm)	LCD Monitor: 308.2x131.5x29.4MM 12.3inch Divider: 170x74.8x18MM / Front camera:59.5x39.8x31.2MM Left, Right and Rear camera:60x48x59.5MM

INSTALLATION (How to connect FUSE BOX with dashcam)

Manufacturer is not responsible for breakdowns, accidents, and damage to vehicles and products that occur due to installation in a non-professional installation shop, and free A/S may not be available, so be sure to install with the help of a professional.

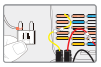
How to install the fuse cable

The fuse box inside the car is different for each car model, so please refer to the car manual. It is suggested you that the hardwire kit connection is installed by the dealer or car-related company where you purchased the product.

1 Open the fuse box inside the vehicle (under the driver's seat, etc.) and use an electric tester, etc. to find the fuse to install.

* [ACC] (Red line) : Connect the red cable (ACC) with the fuse that is not flowing with the current after the engine
* [VCC] (Yellow line) : Connect the cable (VCC) with the fuse that has the current flowing even after the engine is turned off.

2 After connecting the VCC and the ACC onto the vehicle fuses, place them into the Fuse box.



3 [GND](Black line) : Connect the black cable (GND) to a ground plate. See car Manual for details. Once connected, the dashcam will turn on with the key in the ACC position. Parking mode will start once the key is turned off. Activating the voltage cut off. The camera will shut down when the car battery voltage drops below the selected cut off voltage.

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

NOTES FOR USE

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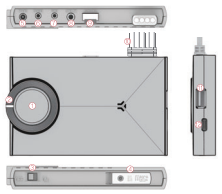
- A strong impact or insert impurities may cause the product damage or fire or electric shock.
- If the product is installed on tinted glass that is too dark or special glass, the video may be displayed faintly or distorted, and the GPS reception rate may decrease.
- Do not disassemble or modify the product. (We are not responsible for products damaged due to user manipulation.)
- For safe driving, please refrain from operating the product while driving.
- When cleaning the inside of the vehicle, do not clean the product with volatile chemicals or water. (It may damage the product or cause fire or electric shock.)
- If you do not use it for a long time, the time setting of the product may be initialized, so always check the time. (Not initialized when external GPS is connected)
- When exposed to direct sunlight for a long period of time, the SD card recognition error and camera image may be distorted due to the temperature rise inside the car. Turning off the power can also help you use the product without any problems if you need to park the car outdoors for a long time.
- For normal operation of the product, avoid places with high temperature or high humidity
- Periodically check whether the product is operating normally.
- You can check the video through AV OUT LCD, GNET PC VIEWER or GNET APP, and if the camera is not recognized, it will be displayed on a blue screen
- Artificially extending or cutting the side camera and front and rear camera cables may cause product quality problems.
- Some specifications are subject to change for updates and optimizations.

NAME OF EACH PART



① Wi-Fi connector button
② REC LED
③ Power button
④ Micro SD card cover
⑤ Power connector port (DC-IN)
⑥ OBD2 connector port
⑦ GPS connector port
⑧ AV.OUT Port
⑨ Direction indication connector port
⑩ Connector cable with Side, Front and Rear camera, and Storage
⑪ Wi-Fi USB dongle port
⑫ C TYPE CABLE

⑬ Right camera
⑭ Left camera
⑮ Rear camera
⑯ Front camera
⑰ External storage

WHAT' S IN THE BOX

Basic Components

Check that all of the product parts below are included.
External GPS, Cigarette lighter power cable, OBD power cable, External SSD case are optional.

1ea(s) = Divider, 1pcs = Front camera, 2 = Side cameras, 1pcs = Rear camera | Hardwire kit 5m | Micro SD memory card | Wi-Fi dongle | User manual | Rear camera connection cable | Front camera connection cable | Side camera connection cable (M x 2)

Optional Products

12.3 inch LCD monitor | LCD Bracket | LCD+ MOUNT | Bracket | Bracket Screw | Screw Lanch | Direction indication connection cable | AV-OUT cable | External GPS | OBD power cable | Cigarette lighte power cable | External storage cable | LCD monitor connection cable

※ The size and appearance of the components depicted above may be different from the real components.
※ We highly recommend using the genuine memory card provided due to system compatibility.
※ Specifications and components may be changed without notice for quality assurance.

MEMORY CARD INSERTION

Be sure to read the information before using the Micro SD memory card.

Insert it into the slot as shown above

INSTALLATION DIAGRAM

Diagram product's ports and cables

* Install VCC, ACC and GND cable after you check colors.

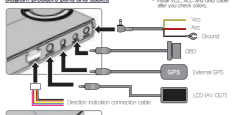


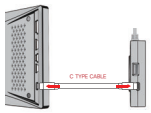
Diagram of connection between cameras with cables

※Side cameras are recorded with reverse function.

Left and right direction indicator camera and rear camera connection cable

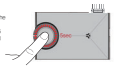
PRODUCT FEATURES

How to connect memory



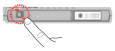
how to change into WI-FI or CLOUD MODE

The Wi-Fi button allows you to toggle between the CLOUD and Wi-Fi mode when you press the button for 5 seconds. Hold the Wi-Fi button for 5 seconds to switch between Wi-Fi mode & Cloud mode. Wi-Fi mode is used to connect to the smart phone app.



POWER

Power on or off by the slide button on the bottom of the product



Dashcam becomes 'Power-On' after pressing the slide button to restart the dashcam powered off.

LIVE VIDEO

When the vehicle's turn indicator (left/right/emergency) is operated while the vehicle's power is on, a real-time image is displayed on the display screen by AV OUT.

Only vehicles connected to the display device and AV OUT support this function.

Change of Real-time video screen

Right turn signal light: ON

Real-time video screen and change
When you change the vehicle's turn indicator to the right, a real-time image of the direction you changed appears on the display.

Left turn signal light: ON

Real-time video screen and change
When you change the vehicle's turn indicator to the right, a real-time image of the direction you changed appears on the display.

Hazard light: ON

When the car HAZARD LIGHT is turned on, the real-time video in the left/right direction is displayed at the same time.

The real-time screen of this product shows blind spots during driving and parking, and it is an auxiliary device that enables the driver to drive safely. In case of an accident, the driver is responsible.

Wi-Fi CONNECTION TO SMARTPHONE APPLICATION

Wi-Fi CONNECTION TO SMARTPHONE APPLICATION – ANDROID

1 Install and run GNET App on your smart phone.
GNET APP can not be used while CLOUD is on.

2 Press the Wi-Fi mode as pictured and then, dashcam announces "Standby mode for registration".

The registration standby mode is maintained for 2 minutes. Dashcam announces "Registration standby mode has been canceled" in case of the time over.

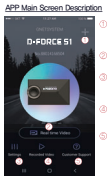
3 Touch the "Device Registration" button in the center of the mobile phone APP screen.

Press the + icon to add a new dashcam to the dashcam list. Press connect once the dashcam has been added.

4 Dashcam will announce "Complete the registration" once connection is complete.

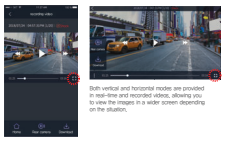
"Support" will guide you if you fail to register your dashcam with GNET APP.

APP Main Screen Description



① This function allows you to connect other Dashcams or delete the registered devices.
※ Supported only on Android mobile
② Real-Time Video:
You can watch a real-time video.
③ Settings: You can easily change settings via your smartphone.
After changing the settings, press "Save" button to reboot the dashcam.
④ Recorded Video: You can see a recorded video of the dashcam. The video that you need can be saved to the mobile device via download.
⑤ Customer Support:
You can get help with connection via customer support on app or you can get help by calling our customer support center.

App screen description for a recorded video



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

LCD SCREEN

① MENU BUTTON
- Recorded video
- Settings
- System

② Voice recording
③ Safe driving
④ ADAS
⑤ Watch splash screen
⑥ Record button
⑦ Power off
⑧ Standby mode for Wi-Fi registration

⑨ SCREEN DIVISION

How to see the 12.3inch wide touch screen monitor

When you touch the screen you want, you can see the image larger. Touch again to return to split screen

PC VIEWER

① Upper button
- Save
- Folder open
- Print
- Settings

② Google map
(can be used when GPS and Internet are connected)
③ Playlists and Information Display
④ GPS reception window
(Available when GPS is connected)
⑤ Video Control popup.
- Thumbnail
- Draw a lane
- View a screen
- Split View
- PIP View
- Toggle (change) color

⑥ G-Sensor (acceleration) graph
⑦ Speedometer
(can be used only when an external 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

* 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 theG-Sensor data location is output.

HOW TO CONNECT AN APPLE iOS SMART PHONE

1 Install and run GNET App on your smart phone.
GNET APP can not be used while CLOUD is on.

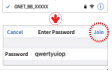
2 Press the Wi-Fi mode as pictured and then, dashcam announces "Standby mode for registration".

The registration standby mode is maintained for 2 minutes. Dashcam announces "Registration standby mode has been canceled" in case of the time over.

3 Go to the IOS Settings.

4 Select the Wi-Fi network name starting with GNET_B0_XXXX.

5 Once the network name is selected, enter the network password [qwertyuiop].



6 Dashcam will announce "Complete the registration" once connection is complete.

"Support" will guide you if you fail to register your dashcam with GNET APP.

Warranty Card

Product	GNET Dash cam		Model	D-FORCE S1	
Serial Number			Purchase Date		
Customer Information	Name		Tel		
	Address				
Sales Vendor			Tel		
Warranty Period	Dash Camera : 2 years Micro SD card : 6 months				

* If you require product repair, service and/or support
➡ Please contact your local seller or send us an e-mail : info@gnetsystem.com

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