GISOO G-Net system DASH CAM USER MANUAL

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

BEFORE USE

CAUTION FOR SAFE USE	
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4. SPECIFICATION	
5, INSTALLATION	

WI-FI CONNECTION WITH IOS AND ANDROID

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• WARRANTY

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Check

- All copyrights reserved to GNET SYSTEM,
- If you take illegal action(copy, modification, distribution) without prior consent by GINET SYSTEM, GINET SYSTEM will apply legal sanctions,
- · Do not shock and insert foreign material,
- Video quality and GPS signal reception may be affected by dark tint or special windshield, Refrain from dark tint or special windshield,
- · Do not control Dash cam while driving for safe driving,
- · Check always time, If don't use Dash cam for long time, Dash cam would be initialized except connecting External GPS,
- If exposed by direct sunlight, temperature in car would be high. So Memory card error and camera image distortion are likely to happen.
 In case that parking car outside for long period, We highly recommend that pull off power cable from power terminal of Dash cam,
- Avoid high temperature and high humidity which exceed Dash cam specification,
- · Periodically check Dash cam operation,
- Before driving, periodically check Rear cam operation through Live function on LCD, If Rear cam is defective, Voice guide goes off once, And then, Rebooting dash cam, it only record front cam.

• There is the lifetime of memory card for writing & reading which is expendable product,

- Please purchase genuine Gnet memory card for preventing incompatibility problem Warranty of memory card is covered only when using genuine memory card which is designated and supplied by GINET SYSTEM.
- When car accident, recommend get memory car out of Dash carn, Then save video data to your computer, After time pass, video data will be overwritten, Accident video is likely to erase,
- Please make sure to remove memory card, after turning Record LED off,
 Video data is possible to be damaged, It cause defective memory card or shorten lifetime of memory card.
- If memory card has different data which isn't related data for Dash cam, The Dash cam automatically erase different data for keeping video data stable, (Do not use memory card for different purpose,)
- Don't need to format Memory card periodically, However, recommend formatting memory card over 1time every month for maintenance, – Recommend you format or check memory card through SD formatter program (www.sdcard.org),
- Recommend using Gnet genuine memory card, If you use other brand Memory card, compatibility problem would be faced with Dash carn, Support memory card Min: 4GB Max: 128GB,
- In case that first use of Memory card or after format, Memory card will be standby mode for 3min ~ 5min to copy JDR File system and inspect Memory card, Do not remove Memory card during standby mode and format,

1. PRODUCT FEATURES

G-Net system DASH CAM GISOO



CMOS Sensor Super Clear Image Quality



Front : Full HD 1080p Rear : D1 480p Decent Video Quality



Auto Recovery System of Memory card Auto Recovery for DATA error



Keep Video safe. In case of sudden power cut off



Voice Guide & Record Support Built-in Microphone



Wi-Fi function : Communication with your IOS & Android Device Check Video/ Save Video to your device/ Change setting /Update latest Firmware Communication distance: 3m~5m Depending on environment, communication distance would be affected



Intelligent Security LED

Depending on recording type Security LED shows different type of light flicker



Touch Screen LCD for simple use



Format Free Function Don't need to format Memory card periodically Keep Running Memory card safe

· Basic Components

Optional product is sold separately



(Including bracket)









	GI500
•	

Front cam / Rear cam

Rear cam connection cable (Connecting between Front cam and Rear cam)

Direct power cable

USB Reader Micro SD Memory card

User Manual

· Optional Product







External GPS

Cigar jack power Cable

Wi-Fi dongle

* The image of components may be different from the real components.

- *Specifications and Components are subject to change without notice for improving quality.
- *Highly recommend using Gnet Genuine Memory card that Gnet supplied.

· Front Cam



Micro SD Memory card Slot Power on off Bottom

- Put Power Bottom for 3seconds → Power off
 After Power off. Put Power bottom → Power on.
- After Power off, Put Power bottom → Power on



Speaker
 Camera lens
 Security LED

① LED



6 Wi-Fi USB



⑦ GPS LED⑨ L0⑧ Record LED



- 10 DC-IN
- (1) Rear cam connection terminal
- 2 External GPS connection terminal

· Rear cam





② Camera lens③ Front cam connection terminal

Image Sensor	Full HD CMOS Sensor
Audio input	Built in Microphone
Video Compression	H.264
Audio Compression	ADPOM
Resolution	Front cam Full HD(1920x1080) / Rear cam D1(720x480)
FPS	Front cam : Max 30fps, Rear cam : Max 30fps
Wi-Fi	Communication with your iOS & Android (3m~5m)
G-Sensor	3Axis Acceleration(3D,x,y,z) Event record by External Shock
Voice Guide(Speaker)	Inform operational Status / Voice guidance
External GPS Sensor	Synched with Google map, Keep track of location and Speed
Lens Angle	135°
Viewer	Windows10/ Support over OSX 10,7
Power	DC 12V - 24V
Operation	-25°C ~ 80°C
Humidity	10~95%
LCD(Touch)	480X320 LCD Panel (Touch type)
Power button	Put power button for 3sec \rightarrow Power off / After power off, Put power button \rightarrow Power on

*Specifications and components are subjected to change without notice for improving quality.

· How to install the Dash cam



Assemble the Front cam with a bracket, Until come sound of click according to the order (①, ②)

2 Put Memory card into Memory card slot then detach adhesive tape.

Connect direct power cable to Fuse box in car. (Connect Power cable and Rear cam connection cable in each terminal.)

* How to connect direct power cable (2way wire)

Black cable (Ground) : It should connect to ground in car,

Red cable (VCC) : If you connect red cable (VCC) to continuous power supply of fuse in fuse box (ex : Boot, Emergency light, Door Lock) Dash cam will operate it, even if your car power off,

If you connect red cable (VCC) to power supply of fuse which is operated when car starts, the Dash cam will operate it whenever car start, When car power off, the Dash cam will not be operated,

3 Install Front carn to Front windshield, then adjust the right angle position,



5 Detach Adhesive type from Rear cam bracket, then install Rear cam to back windshield,





** Caution, In case that Rear carn connection cable completely is curved as left picture, It causes Video data flow to interrupt,

· How to install the Dash cam

6 Tuck Power cable and Rear cam connection cable to roofline and pillar,



% Caution : lew car navigations may face GPS reception of interruption, When installing Power cable and Rear can connection cable, Recommend installing each cable in the opposite direction, For instance, Power cable is toward driver seat and rear cam connection cable is toward passenger seat.

* Caution of installing Dash cam.

- Do not install Dash cam outside,
- ▶ Do not place Dash cam on Driver's View,

· Insert Memory card







- . Misplacing memory card causes Dash carn to not record video data, Therefore, Insert memory in right position,
- In case that first use Memory card or after formal, memory card will be standby mode for 3min \sim 5min to Copy JDR File system and inspect Memory card,
- After voice guide of "start recording" comes, Dash cam starts recording,

· HOW TO USE

Power On	 All LED lights will lit when starting up your vehicle, Recording starts with the voice guidance, 'Start recording,' Only red recording LED will lit, Blue GPS LED will lit only if carn is connected with GPS unit,
Power Off	 Press the power button on the side, 'power off' button on the LCD screen or plug out the power cable,
External GPS Unit	 If connected with the GPS unit, the blue GPS LED will blink and lit. Inspect the connection if the GPS LED does not lit even if cam is connected with the GPS Unit
WIFI Registration	 After pressing the WIFI button on the LCD screen, voice guidance "Standby mode for registration" will be heard. Standby mode for registration will be released if no connection is made within two minutes,

Main Screen

After Voice guide of "start recording" comes out, dash carn shows LCD screen as below,

	2	6	-0	1 Play	Play recorded video,
~	LCD OFF			2 LCD off	After Screen is turned off, then touch LCD anywhere, LCD would be turned on,
0	3		Play	3 Live	Watch Real time video,
	Live		rtay	4 Setup	Adjust setting,
٥	4 Setup	05/23 09:53	11.4V O Power Off	5 Wi-Fi	When press Wi-Fi button, voice guide of "Standby mode registration" come out, II don't have Wi-Fi connection for 2min, Wi-Fi registration mode would be automatically released.
				🛞 Þlí don't in	stall Wi-Fi dongle
				6 Power off	Shut down System,

Check

The screen is changed to right picture, you can remove SD card safely. After insert SD card while it is standby mode, please press reboot button to get start normal recording.

** Standby mode is not meaning to turn off the camera, So, there is likely to be charged, if Neglect the device over 1 hour.

1. Video play



Total	Normal	Event		
Normal 16/05/23 09:53:48	16/05/23 09:53:30	tormal 16/05/23 09:53:20		
Normal 16/05/23 09:51:17	Norma1 16/05/23 09:50:07	Norma1 16/05/23 09:49:25		
A <	001/090	> _		



- 1 When touch the play button, recorded video list is shown,
- 2 Organize video type list (Normal and Event) by touching top tab,
- 3 Touch one of the recorded video files, the video will be played,
- 4 Once touch left and right arrow, it moves to the next video list page or previous video list page.
- 5 When touch play list , Dash cam shows you the recorded video as left picture,



Total	Normal	Event
Normal 16/05/23 09:53:48	16/05/23 09:53:30	tiormal 16/05/23 09:53:20
Normal 16/05/23 09:51:17	Normal 16/05/23 09:50:07	Normal 16/05/23 09:49:25
🕥 <	001/090	> 💿

6 Move to initial Screen when touch home or back icon,

* Enlargement

In case that checking exactly specific part on video, keep touching where you want. Then it shows Enlarged screen,



- 1 After playing video, touch anywhere except on function icon, Function icon would disappear within a second,
- 2 Keep touching specific part where you want, it would enlarge.
- 3 The enlarged video would back to normal size of video, when back to video list by Keeping touching or touching back icon.

How to use LCD – SETUP

2 SETUP



Changed setting will be saved when it returns to the main by touching from or saved buttons,



When the Setting Front, Rear, Parking on/off, Languages and Memory (ratio, format) through Smartphone are changed. the system will be rebooted to save setting.



- Able to move Setup Screen by Touching Setup button.
- 2 Able to set Brightness, resolution, Event (FPS), Normal (FPS) by touching Front. Rear button at Setup screen.



The default resolution of GI500 is 1080P (Front) and D1 (Rear).

1080P Resolution		B Bri	asic ghtness
30 Event(fps)		Norm	30 mal(fps)
∩	Fr	ont	`

$\%\,\mathrm{Not}$ apply that Normal fps is bigger than Event fps,

If adjust above figure, you would watch pop up message. When you touch \bigwedge or \bigwedge button as the FPS of

Front and Rear are same,





3 Set Date/time, Auto rebooting time when you touch Date/Time button at Time zone setting.



① The arrow will show up with one screen touch, you can set the Date/Time as you touch the arrow.



② Able to set reboot ON/OFF when you touch Reboot button, you can set the specific time of reboot,

How to use LCD – SETUP







Able to set audio recording, voice guide and volume when you touch 'Sound' button at the sound setting,

Able to set buzzer, parking, impact, movement and recording time as touch "Even" button. Set ON/OFF of EVENT with one time touch, recording time is able to set after the arrow is shown on the screen as touch the arrow

6 Able to set motion detection and LBP when you touch "System" button at screen setting, Also, User can check sensing, LBP, Memory, LCD setting and Version information in system setting.



∧ Sensing	G LBP	Ø Version	G LBP	ON	12.7V POWER ON
D Memory	С6 LCD	Gun	Winter	LEP ON	11.8V POWER OFF
n	System	~	A	LBF	> 🔨

 $\textcircled{\sc 0}$ Sensing – Adjust Security LED ON/OFF, Parking Sensitivity and Impact Sensitivity.

(2) Adjust ON/OFF of LBP and set Voltage value,

Voltage (V)					
Power On	12.4	12.7	12.9	13.1	13.3
Power Off	11.3	11.5	11.8	12	12.3



(3) Memory - Adjust storage ratio of Event and Normal recording,

After saving Memory setting, all recorded videos in SD card will be deleted,



* FORMAT

The format function will be activated when you touch "Format" button, And then, the system will be rebooted once the format is done,

How to use LCD – SETUP

*** TAMPER CHECK**

The inspection will start after touching TAMPER CHECK button, And, the system will be rebooted when you 🔀 button in the screen,







How to use LCD – SETUP

* How to check result of Tamper check

 Insert Memory card Reader after taking out the Memory card from Device, And, open the "Config" folder.



2 Open the "Tamper,txt" file in the "Config" folder,



3 You can check the log record when the file is opened,

Tamper.txt - 메모장 - 프 💌					
科智術	권 尊(8)	A141(D)	里기(V)	도용달(H)	
[TAMPER_RESULT] 00000000.jdr=Tamper Detection					
-1 2 -					

- The successful cases from tamper check, the tamper,txt file will be made even if there is no statement in that file,
- If the tamper test is with the copied date from origin Memory card, the test is not correctly working as the date in original Memory card is deleted, So, checking the videos in the Memory card first, and then, able to test the tamper Check.





* CALIBRATION

Adjust calibration of touch screen according to the guide by touching cross which is showing on the screen,

~ Π Sensing LBP Version m 15 Ver 4.79 2.7.2.0 Memory (2016-04-06 • System 1 Version

(5) VERSION - Able to check current version of firmware,

- ④ LCD Adjusting LCD Time off and Calibration
- * TIME OFF

User can check time off option, After setting of Time Off, the LCD will be automatically off according to what user set,

※ Always On [Timer] / Always On [Live] If the settings are done, the screen will be changed to what user set after 1 min without any operation. How to use LCD – SETUP

3. LIVE VIDEO



1 Real time video will play when you touch "LIVE" button.



2 If users touch the video which is playing on screen, the Front and Rear screen will be switched,



3 The (Back) button will disappear after 5 sec without touch or operation, If users touch the screen, the (back) button will appear and can return to the main.

· Record type

Normal Record	 Automatically normal recording is initiated, Security LED will blink every 2 seconds,
Impact Record	 If there is impact on device, the record LED will be blink as recorded event recording at event folder in SD card, Event recording will be automatically changed to continuous recording.
Parking Record	 With No movement for 10 minutes or if the voltage drops 0,5~1,0V, Parking mode will be activated after 2 minutes(2 wired connection) Parking mode is 10 frame, which makes record time to be increased Security LED will blink once every second, The normal recording will be activated if there is impact with device or voltage rises over 1,0v
Motion recording	 While device is under parking mode, the device will record any movement around car within 3m as motion recording, Security LED will quickly blink, Motion recording will be automatically changed to parking mode,

· Voice guide

Contents	Voice guide			
Normal recording	Start recording,			
System off	Shut down the system,			
Already registered	Already registered smart phone,			
Battery off	Shut down the system to protect the battery of car,			
Error of capture	Video is not being entered,			
Disable registration	Stand-by mode for the registration is released,			
Enable registration	Stand-by mode for the registration,			
Firmware invalid	Program file is corrupt and can't be installed,			
Firmware update	On installing the program, Do not turn off the power,			
Error of Front capture	Video of the Front camera is not being entered,			
GPS connect	GPS connected,			
Capacity is full	Recording does not have enough available, Please check overwriting setting,			
Wi–Fi connect	Users connected,			
Wi-Fi disconnect	User access disabled,			
Access users are full	Access users exceed so cannot be accessible,			
No Wi–Fi Dongle	No Wi-Fi Dongle,			
Recording stop	User's searching starts so, recording is paused,			

· Voice guide

Contents	Voice guide
Wi-Fi function start	Wi-Fi connected,
Wi-Fi function stop	Wi-Fi turned off.
Fail to Wi–Fi function	This Wi-Fi-Module is not supported,
Parking mode recording Start	Records in parking mode,
Event recording Alarm	Impact event has occurred during parking,
Parking mode released	Driving mode to start recording, Safe driving,
Event recording Alarm	Impact event has occurred during parking,
Parking mode released	Driving mode to start recording, Safe driving,
Rear camera is connected	Rear camera is connected,
Rear camera is disconnected	Rear camera is disconnected,
Rear camera invalid	Rear camera is invalid,
Error of Rear camera capture	Video of the Rear view camera is not being entered,
Voice record off	Stop recording the voice,
Voice record on	Start recording the voice,
Restart	Restart recording.
Recording start	Start recording,
Registration complete	Complete the registration,

· Voice guide

Contents	Voice guide		
Registration Wi-Fi via a smart phone	Press the Wi-Fi button to register a smart phone,		
Memory card damage	Reboot because of the damaged memory card, Please replace the memory card if this occurrence continues,		
Memory card format	On formatting the memory card, Please wait,		
Memory card invalid	Memory card is damaged and cannot be recorded,		
No Memory card	No Memory card,		
Setting change	Setting changed and reboot,		
Voice guide off	Shut down the voice guidance,		
Voice guide on	Voice guidance starts,		
Off the system	Shut down the system,		
LBP setting	Restart the system to protect the battery of car.		
Fail to tamper check	Data verification failed,		
Tamper Check start	Start the data verification,		
Tamper Check success	Data verification passed,		
Version failed	Accessed viewer program is a lower version, Please update the viewer program,		



1 Removing Memory card after device is off,

2 Connection PC with Memory card need to use dedicated memory reader.

- 3 Select removal disk in "My computer"
 - "Event folder in SD card need to be set over 10% of capacity through Memory setting which can be adjusted via PC viewer.

Q

Do not remove and format the file.
 Need to backup the file to PC.

1 Config (Manage system)	 Log.txt : It records device' s statement as log file, Version.ini : Saving version information of device, 		
2 Date (Continuous recording)	 Recording files are localed. File list numbers are different depend on SD card's capacity, depend on SD card's capacity, 		
Event (Event recording)	 Event data (Impact, Parking, Movement) are located, 		
 Update (firmware update) 	 Locating update file in this folder, the updating will start. 		

** Recording time (Default: Front/Rear 25/20fps) : 8GB(2hrs), 16GB(4hrs), 32GB(8hrs), 64GB(16hrs), 128GB(32hrs)

G-Net system DASH CAM GISOO

It has a security of the specification of PC should be over CPU-Dual 2.0G, RAM -2G, VGA-256M, If the specification of PC is lower than standard, it is possible to happen 'No play-back' or 'disconnect'.

- There is no viewer program in case of first use or when format the Memory card,
- 2 Connect power to the product after inserting Memory card,
- Depends on the capacity, the recording time will be different. Take 3~5 minutes to initialize and create the tile system when first use (All LED tlicker while initializing, There will be REC on when it starts recording after finishing), so do not turn off the power,
- 4 Insert the Memory card to PC,



Double click the "Viewer,exe" file in Memory card to install GNET viewer program as picture shown,

6 Click the "Yes" button on the user control menu,







8. PC VIEWER INSTALLATION

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

최신비전 확인	2
212 BRO	
2012-11-5(32(3)10)	23805
82 WOR	
2013-02-07010.1.10	23805
10 au	

- 9 Press "Execute a viewer" button to start viewer program,
- When the installation is completed, the program runs automatically and Gnet icon will be created on your computer,



Open the file – Olick the icon in the viewer to browse folder window as shown in the picture, Select removable disk, press "OK" button,



• Menu





- 2 GPS reception Available only when installed GPS.
- 3 Google MAP Only available when there is GPS connection. 7 Volume
- 4 Color / Black and White Mode

- 5 G-Sensor(Acceleration) Graph
- 6 Playback speed





9 Speed meter Available only when installed GPS.

10 Video Control



· Menu

*How to check the G-sensor data,





When play the video, you can check the G-sensor data of X-axis (direction), Y-axis (left and right), Z-axis (height).

· Precaution before connect Smartphone.



- Real time recording and playback via Wi-Fi can be able to be delayed depending on specification of Smart device.
- Do not handle the products while driving, it causes some serious accident, Please operate the product in safe place after parked,



* Wi-Fi I USB dongle is optional product,

- ▶ Wi-Fi USB Module purchasing Note : Use only RealTek 8188CUS(RTL 8188CUS, RTL 8188EU) chip.
- ►Wi-Fi USB Module Connection Note : Connect the Wi-Fi USB Module when power is off. Otherwise it might cause some damage to Wi-Fi module,

· How to connect - Android



Please connect with Smartphone when main screen or turn off the LCD for stabilization,



Execute GNET app icon after installation to smart device,

The screen of GNET app is horizontal mode information window appears to guide registration when first use as picture, it select "No" to terminate the application or select "Yes" to go product registration page.









Before select the registered products, please keep the standby mode by touching the Wi-Fi button,

· How to connect - Android







- Press the Wi-Fit registration button of product, there will be voice guidance "Stand- by mode for the registration" and select the product in the list what you want to register touch "Search" button,
- 2 minutes for registration standby mode, If finished standby mode, there will be voice guidance "Stand-by mode for the registration released"
- In case of registration is not active or connection is failed in standby mode, Voice guidance appears, please press Wi-Fi button to activate registration mode again,
 - ◙

- It remembers the smart device in case of re- registration,

6 Registration process is finished as shown from left image, Register Dash carn name, it can be set when you need several product connections,

· How to connect - Android



- Setup the product via smart device easily if touch the "setup" icon It will be rebooting when save button after finished setup,
- 2 Move to registration page if click "Add" icon,
- 3 Real time recording shows if click "Connect" icon after registration,
- 4 Delete registered product if click "Delete" icon.



 Menu icon will appear the bottom of screen if touch the screen lightly during real time streaming,

\cdot How to connect – iOS

Please connect with Smartphone when main screen or turn off the LCD for stabilization,



Execute GNET app icon after installation to Smart phone,

- 2 Turn on Wi-Fi function of Smart phone,
- 3 Select "GNET_BB_GI500_XXXXX" in the list,
- 4 Write [qwertyuiop] in the password box and tough the "Join" button,



Press the Wi-Fi registration button of product to activate register standby mode, (Voice guidance: "Stand-by mode for the registration")



Maintenance time of register standby mode is 2 minutes, After that, Voice guidance announce "Stand-by mode for the registration is released" How to connect – iOS



6 Real time Video shows directly when touch Gnet application,



If register standby mode is not activated or unlocked, you can see the message, If so, please kindly touch the Wi-Fi user register button to be activated. \cdot How to connect – iOS







When it is playing video, Dash cam will not be recorded for stabilization, When it is playing video, Dasm can will not be recording will be started automatically.
 After it is changed to "live mode", the recording will be started automatically.





Product Warranty Card

	Product	GNET Dash cam		Model	GI500
	Serial Number			Purchasing date	
	Consumer	Name			
		Address			
	Vendor			Tel	
	Period of free	1 year since purchasing date (It date not confirmed by receipt, manufacturing date + 2 Months)			
	gaararitoo	Camera: 1 year, Micro SD Memory card, Accessory: 3 months			

This product is manufactured through a process of strict quality confirm and inspection, In normal use, product will be repaired for free of charge if it is not consumer's fault. The service fee might be charged if warranty repair instructions applicable.

Warranty & Repair : Asking where you bought







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