



## Dual Dash Cam User Manual



Email:DSH0920@outlook.com

### About this guide

Every effort has been made to ensure the accuracy of the user guide, but there is no guarantee that its content will be free of errors. Also, specifications such as specifications may be slightly different due to product improvements.

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## Warning


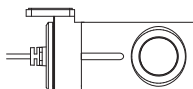
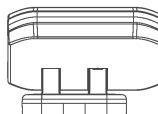
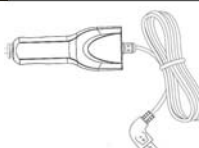
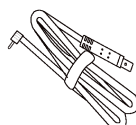


### **Warning:**

1. Failure to comply with safety warnings and regulations can result in serious injury or death.
2. Please use the original charge cable included to power it
3. PINJSD Dash Cam is not intended to be touched, modified, or calibrated while operating a vehicle.
4. PINJSD is not responsible for any damages resulting from the user's misuse of the camera.
5. Do not use damaged power cords or plugs, or loose electrical sockets. Faulty connections can cause electric shock or fire.
6. Do not touch the car charger with wet hands or disconnect the charger by pulling the cord. Doing so may result in electrocution.
7. Do not short-circuit the charger or the device. That may cause electric shock or fire, or cause the battery to malfunction or explode.

## Precautions for Use ■■■

1. Due to local laws and vehicle safety considerations, do not operate the machine while driving.
2. Set the time and date correctly before using this unit.  
※The safe driving function of this machine is a guide. Follow the actual road conditions.
3. Use this machine for non-commercial purposes within the applicable laws. We are not responsible for any loss of data that occurs while using this unit and the attached software.
4. During use, the device becomes hot, which is normal.  
※Improper use or operation of the machine may cause damage to the machine or accessories and will void the warranty.
5. Never disassemble by user.
6. PINJSD is not responsible for any data / content loss that may occur during operation.
7. By using this unit and the attached software, you agree to the above notices and caution.

## Package Contents

		
Dash cam	Rear camera	
		
Built-in GPS	Car cigar	
		
Rear camera cable	Electrostatic adsorption	User manual

Following items are included in the package, If any items are missing or damaged, contact PINJSD immediately.

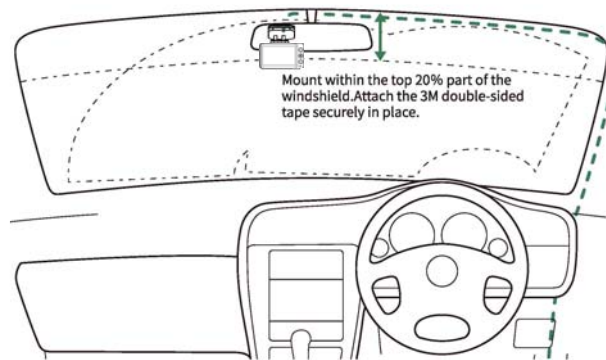
## Installation ■

Please pay attention to the installation precautions and install this machine to the vehicle.

### **Precautions for installation:**

- Mount within the top 20% part of the windshield. Attach the 3M double-sided tape securely in place. Attach it and make sure it does not obstruct your view.
- Install it within the range of the wiper. If it is installed outside the range of the wiper, it may not be possible to record clearly when it rains.
- Install it in a place that does not interfere with the operation of the rearview mirror.
- Please avoid the colored part of the windshield edge and the place where visibility is obstructed.
- Make sure it does not hinder the operation or operation of the airbag.
- Do not place objects around the machine.
- Before installation, make sure that the power cord can be connected at the installation position and it is easy to operate the button.
- Use only the included power supply. Using other brands of power may result in equipment burnout or explosion .

## Installation



## Installation with Electrostatic stickers

1. Attach the Electrostatic stickers to the windshield.
2. Remove the protective film from the Electrostatic stickers.
3. Attach the holder.
4. Insert the machine face down into the holder and secure.

## Rear camera mounting method (example)

Installation on the windshield



※When installing on the front / rear glass, check on the LCD screen of this unit. The image may be upside down.

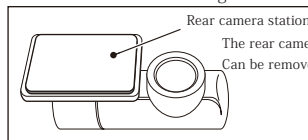
Mounted on rear glass



### <Mounting method>

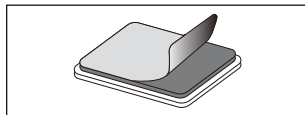
1. Decide where to install the rear camera and attach the rear camera station to the rear glass. Wipe off the oil and dirt on the rice sticking surface, dry it well, and then stick it firmly to the rear glass with a double-sided wipe.

※ It is recommended to leave it for 24 hours after installing the rear camera body to increase the adhesive strength of rice.

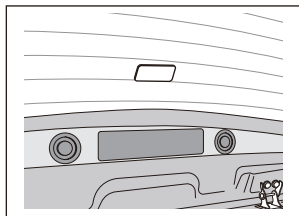


The rear camera station is from the rear camera body  
Can be removed by sliding

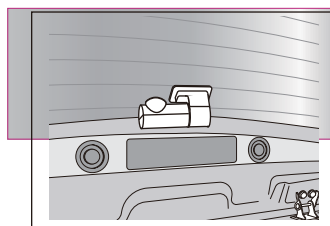
Remove the adhesive sheet



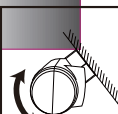
Stick firmly to the rear glass



2. Attach the rear camera to the station.



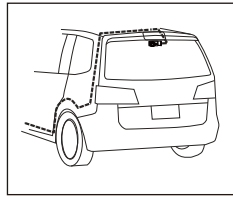
Rear camera  
Install while sliding



The angle of the rear camera can be adjusted by rotating it. Be sure to adjust while supporting the rice



### 3. Wire the rear camera cable to the rear window.



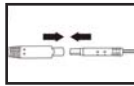
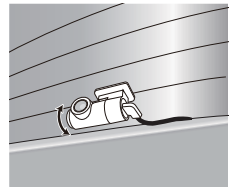
#### 3. Wire the rear camera cable to the rear window.

It is a long power cable for the rear camera and can be installed on the rear glass. In the illustration on the left, the lower side of the car is wired, but depending on the car model, it may be necessary to pass the upper part of the car (loop, lining, etc.) of due to the handling of the rear camera cable.

A short power cable for the rear camera is also included.

It can be installed on the windshield.

### 4. connect the rear camera with a cable.



You can record the optimum image by pasting it on the top of the rear window and adjusting the angle.  
When adjusting the angle of the camera, please adjust while supporting the camera body.  
(If you turn it forcibly, it may come off the station.)

### 5. Open and close the back door and trunk slowly to make sure that the wiring is not pinched.

If the rear camera and cable are damaged, moisture and water may get inside the camera and the cable, causing damage.

Please install while checking the actual image

#### ⚠ Tips

.For safe driving, install and wire so as not to obstruct the driver's view or drive.

.Connect all accessories before turning on the power.

.Do not insert or remove the rear camera cable while the power is on. It will be the cause of the failure.

.Do not connect accessories while the power is on, as it may cause a malfunction or malfunction.

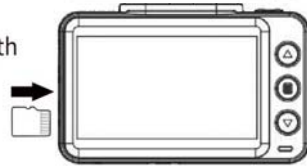
.When installing the rear camera, make sure that the image is not upside down on the LCD screen of this product before installing it.

.Depending on the mounting position, it may be easily affected by the reflection of light such as the headlights of the rear vehicle and sunlight, so when mounting, check the appropriate position before mounting.

## Insert Micro SD Card

### Removing micro SD card

When you push the micro SD card with your fingernail, the card comes out of the slot.



#### Note

1. Do not remove or insert a micro SD card while the power of this unit is on. This may damage the micro SD card and data.
2. Use a micro SD card with a rating of Class 10 or higher (1GB or more, maximum 128 GB).
3. Format the micro SD card when using for the first time.
4. Be careful when removing the micro SD card, as the card may pop out and be lost. The memory card slot has a spring to make it easy to remove the card.
5. Format the micro SD card regularly (recommended period: once a month).
6. Please change micro SD card (Class10(10MB/sec) required) format to FAT 32 on PC if use micro SD card capacity > 32GB.

## Power ON/OFF

### <Power OFF>

- When the engine is turned off, the power is automatically turned off.
- If you press and hold the power button while the power is on, the power of this unit will be turned off.

## Power ON/OFF

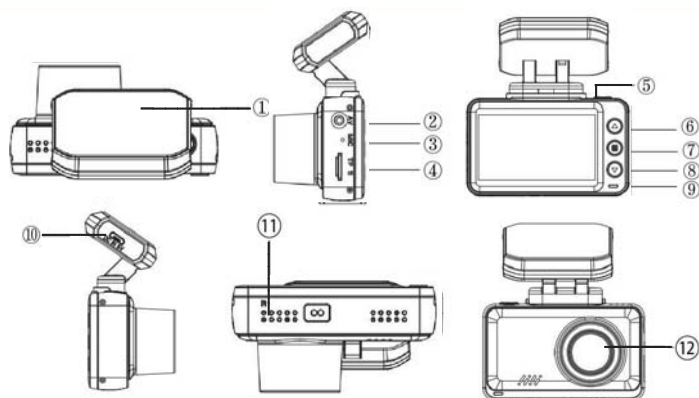
### <Power ON>

● If you turn on the engine (ACC on) while the cigar power adapter is connected, the power will be turned on automatically and the opening screen will be displayed.

● Press and hold the power button to turn off the power during startup, and then briefly press the power button again to turn on the power of the unit and display the opening screen.



## Overview



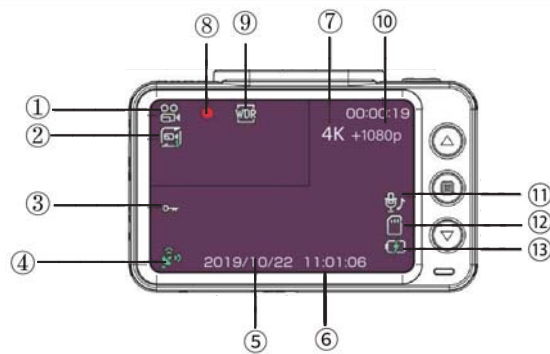
- ① Built in GPS inside    ② Rear camera Input  
 ③ Collect sound around    ④ Insert/ remove microSD card  
 ⑤ Power button    ⑥ Up    ⑦ Menu    ⑧ Down    ⑨ Power light  
 ⑩ Power cable connection port    ⑪ Reset button  
 ⑫ Front camera, please remove the lens protection before use with lens

## Button Description

Button	Operating	Recording mode	Setting menu	Photo mode	Playback mode
【UP(▲)】	Short press	WIFI ON/OFF	Up(Forward)	WIFI ON/OFF	On playback:speed rewind Playback stopped:Up(Forward)
	Long press		-		-
【MODE(⏏)】	Short press	Enter the setting menu (Stop recording)	Return	Enter photo settings	Enter playback settings
		Lock video(Recording)	Continuously short press the 【MODE(⏏)】 to switch the menu bar		
	Long press	Switch photo mode	-	Switch to playback mode	Switch to recording mode
【DOWN(▼)】	Short press	Switch between front and rear camera screens	Down(Next)	-	Playback:fast forward Playback stopped:Down(Next)
	Long press	Sound recording ON/OFF			-
【POWER(⏻)】	Short press	Recording ON/OFF	Yes	Take photo	Play/pause playback
	Long press	POWER OFF			

When you turn on the power,the dash cam will start recording.

## Recording Mode







## Recording Mode

### Screen icon description

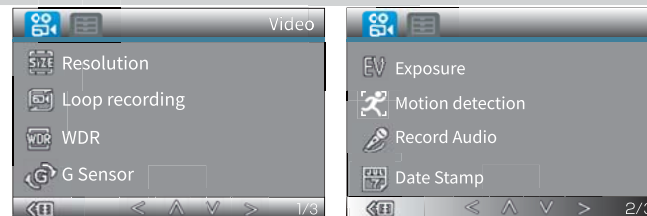
- ① Display video mode
- ② Loop recording icon  
※generate 1/3/5 minutes per file
- ③ Lock file icon: display at G-sensor recording / manual lock
- ④ GPS icon to display GPS status icon
- ⑤⑥ date and time display: display date and time of this machine
- ⑦ Display the resolution
- ⑧ The red icon flashes during recording
- ⑨ WDR:image correction function
- ⑩ The length of the current recording video
- ⑪ Audio recording icon for recording settings
- ⑫ Micro SD icon shows the status of SD card by icon
- ⑬ Battery icon

## Recording Mode

### Record mode button description

Button	Function
	Short press to open WIFI function
	Enter the settings menu
	Press short to front and rear camera switching ;Long press setting for speech recording
	Press short to stop or start recording

### Setting menu



**Resolution:** After inserting the rear camera, the resolution can be selected

4K +1080P  
2.5K +1080p  
2.5K+ 720P  
1080P+1080P

## Recording Mode

**Loop recording:** 1 minute/3 minutes/5 minutes/OFF

Each video will keep 1, 3, 5 minutes in length, loop recording, when the SD card is full, the new video will automatically overwrite the old video; when OFF is selected, the loop recording will be closed, and the video will be recorded until paused or dash cam is turned off or the SD card is full.

**WDR:** OFF/ON

**G Sensor:** OFF/Low/Medium/High

The gravity sensor sensitivity of the dash cam is generally recommended to be set to “Medium”; the video file will be locked when the sensitivity of the sensor is triggered by a car collision.

Too high sensitivity will cause a large number of video files to be locked, the dash cam frequently sends out alarms, and the SD card quickly becomes full (locked files cannot be deleted automatically and need to be deleted manually) If the sensitivity is too low, important files cannot be locked in time.

**Exposure:** Exposure correction will balance the intensity of light and prevent overexposure and over-dark light.


**Motion detection:** OFF/ON

After using the hard-wired connection, turn on motion detection, the dash cam will automatically monitor the surrounding environment, and will automatically record for 10 seconds if it detects the movement of the object in front.





**Record Audio:** OFF/ON

**Date Stamp:** OFF/ON

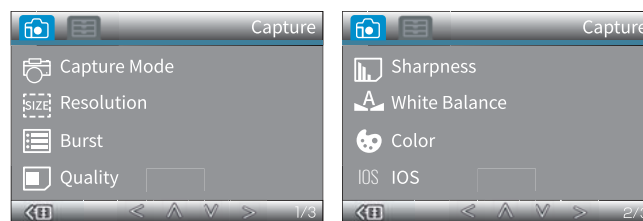
## Photo Mode

In the video standby state, long press the  button to switch to the photo mode, the upper left corner of the screen displays the photo icon in this mode.

### Photo mode button description

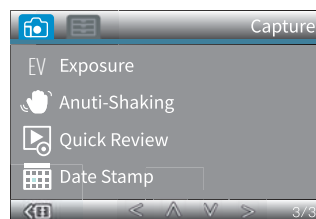
Button	Function
	Short press to open WIFI function
	Short press the menu button to enter the photo menu settings, and long press the  button to switch to playback mode.
	Short press to take a photo

### Setting menu





## Photo Mode



**Capture Mode:** Single/2S Timer/5S Timer/10S Timer  
 After selecting the camera mode, exit the setting, short press the power button, the dash cam will automatically photo after the set time. For example, if you select 2S Timer, the recorder will shoot after pressing the power button for two seconds.

**Resolution:** 12M 4032x3024/10M 3648x2736/  
 8M 3264x2448/5M 2592x1944/3M 2048x1536/  
 VGA 640x480

**Burst:** Off/On

Turn on the burst, the dash cam will take several photos continuously.

**Quality:** Fine/Normal/Economy

**Sharpness:** Strong/Normal/Soft

**White Balance:** Auto/Daylight/Cloudy/Tungsten/Fluorescent

**Color:** Color/Black & White/Sepia

**ISO:** Auto/100/200/400

**Exposure:** +2/3;+1/3;+2/3;+0/0;-1/3;-2/3;-1.0;-4/3;-5/3;-2.0

**Anti-Shaking:** Off/On

**Quick Review:** Off/2 Seconds/5 Seconds

**Date Stamp:** Off/On

## Playback Mode

Camera mode long press [📷] button to enter playback

### Photo







### Video

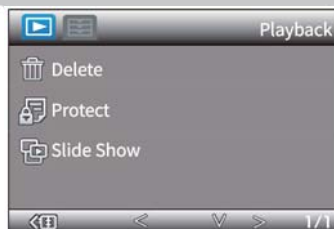


## Playback Mode

### Playback mode button description

Button	ON playback	Playback stopped
	Double press and double speed reverse play	Before: show previous file
	Get the top of the display	Short press to enter the playback setting bar
	Double press to double speed: fast forward playback	Display the following files
	Pause playback	Short press to play video

### Playback mode setting menu



**Delete:** You can delete recorded videos or pictures

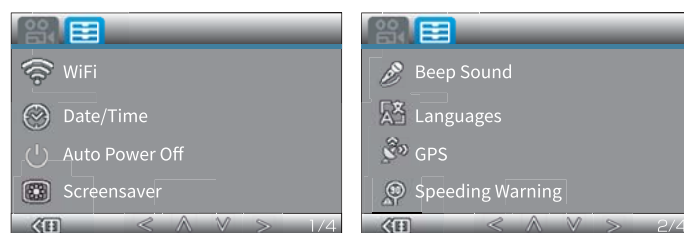
**Protect:** The lock of the display file, the unlock, the whole file lock, and the whole protection release can be executed.refully.

※Protected files can not be removed, but you can remove them manually and erase them

**Slide Show:** Function to display files one after another. When the power button or the mode button is pushed short, the file can be selected and reproduced.

## Set Up

Continuously short press the **[Menu]** to enter this page



### **WiFi:** Off/On

After opening, you can search for the WIFI signal: NVT\*\*\*\*\*  
After the WIFI function is turned on, the dash cam cannot be operated and needs to be connected to the APP for operation.

**Date/Time:** Set year, month, day, hour, minute, and second

**Auto Power Off:** Off/1 minute/3 minutes/5 minutes

**Screensaver:** Off/1 minute/3 minutes/5 minutes

Enter the screen saver mode after 1, 3, 5 minutes. In the screen saver mode, the screen is off but the camera still records normally.

**Beep Sound:** Off/On

**Languages:** English/French/Spanish/Portuguese, German/Italian/Simplified Chinese/Traditional Chinese/Russian/Japanese

**GPS:** Off/On

**Speeding Warning:** 70Km/h;80Km/h;90Km/h;100Km/h  
110Km/h;120Km/h;140Km/h

## Set Up

Continuously short press the **[Menu]** to enter this page



**Time zone:** GMT+0:00;GMT+1:00;GMT+2:00;GMT+3:00;  
MT+4:00;GMT+5:00;GMT+6:00;GMT+7:00;GMT+8:00;  
GMT+9:00;GMT+10:00;GMT+11:00;GMT+12:00;  
GMT-1:00;GMT-2:00;GMT-3:00;GMT-4:00;GMT-5:00;  
GMT-6:00;GMT-7:00;GMT-8:00;GMT-9:00;GMT-10:00;  
GMT-11:00;GMT-12:00

After turning on the GPS, set the time zone, the time information will be automatically located

**Speed Unit:** MPH;KM/H

**Frequency:** 50HZ;60HZ

**Format:** All data will be deleted

**Default Setting:** Return menu setting to defaults

## Product Parameters and Functions

Hardware Parameters:	
Processor type	NOVATEK NT96670
Image sensor	Ultra HD SONY CMOS professional image sensor
Screen	2.45 inch IPS HD
Lens pixels	5 million pixels
Video format	MP4 format
Working voltage	DC 5V
TF card	TF card (Class 10 or above, maximum support 128G)
Operating temperature	(-20°C - +60°C)
Features:	
Language	Support Multi-language
Loop recording	Support
Delayed shutdown	Support
Parking monitoring	Support
G-sensor	Support
Lock	Support
Recording	Support
Storage compression method	H.264/H.265 encoding
Accessories	Main unit, car adapter, instruction manual, rear camera, rear camera connection cable, electrostatic paste
Recording resolution	4K-3840*2160P

## Download APP and Connect to WiFi Signal

1. Download "luckycam" from Google play store or apple store.Or scan the QR code below to download and install



(LuckyCam QR code for Android and IOS)

2. The WIFI function starts by pressing the【△】of this machine in the recording mode. You can also turn on the wifi function in the setup setting bar

※If you want to turn on the WIFI function, select on. Otherwise, the specified WIFI name is not displayed from the list

3. Go to phone settings, select WIFI, and specify the wifi name from the list Select SSID:F8N\_CARDVXXXXXXXXX and enter the: 12345678 in the password input screen

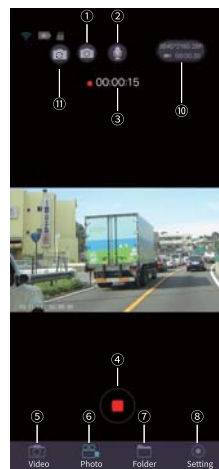
4. Open the APP, after the mobile phone and the recorder are successfully connected, the recorder's video recording screen can be seen in the APP

## Download APP and Connect to WiFi Signal





## APP Function



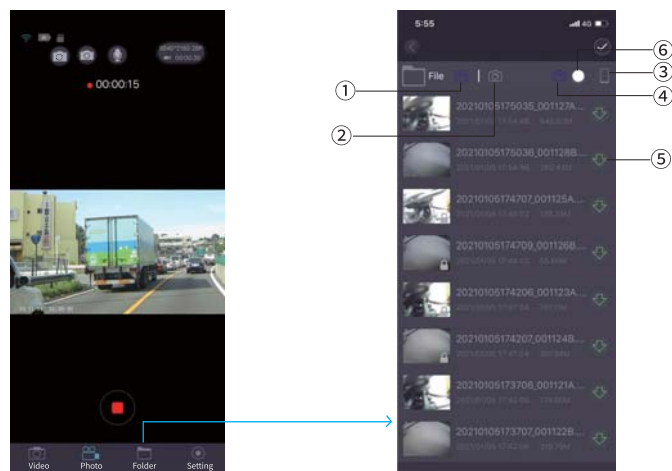
- ① Take pictures
- ② Voice recording switch
- ③ Record time of current video during recording time
- ④ Recording start/stop
- ⑤ Video mode
- ⑥ Photo mode
- ⑦ File playback mode
- ⑧ Setting
- ⑨ Date
- ⑩ Resolution selection
- ⑪ Front and rear camera switch

### Note:

- 1.The rear camera will automatically record after being inserted into the host, without manual adjustment. If the screen is not displayed, please switch the screen display mode
- 2.After WIFI connection and APP operation setting, the screen of the dash cam will display network operation.

## APP File Download and Sharing

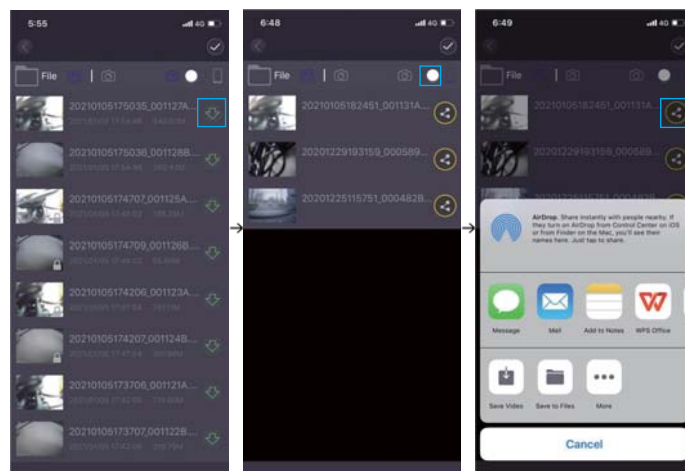
### Interface description



- ① Video file list
  - ② Picture file list
  - ③ Mobile local file list
  - ④ Dash cam file list
  - ⑤ Download icon
  - ⑥ Switch between mobile phone local file and dash cam file list
- ※ XXXA means the video recorded by the front camera  
 XXXB means the video recorded by the rear camera  
 The small lock in the lower right corner of the file represents the locked file

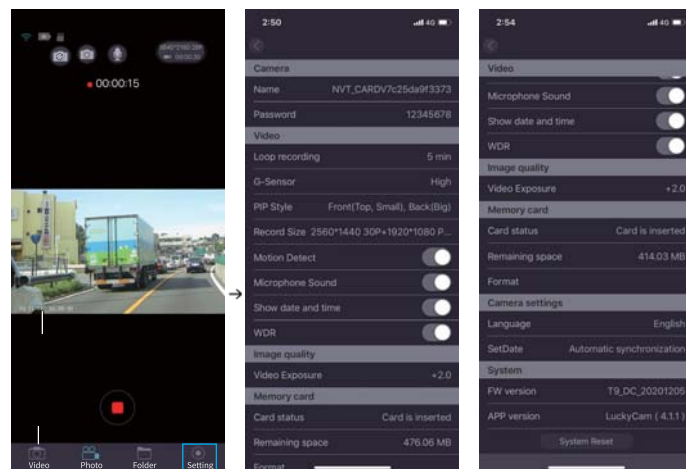
## APP File Download and Sharing

### File download and sharing



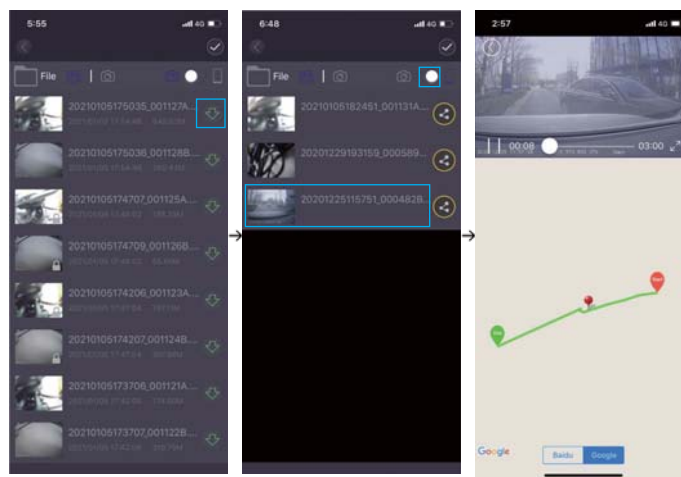
1. Click the download icon next to the video
2. Switch to phone local file
3. Share a file

## APP Setting



## GPS Play

### Play on phone



Note:

Only the video with GPS information at the time of recording will display GPS track and information. The indoor recorded video is unable to display the track map due to lack of GPS information.

## GPS Play

### Play on computer

Data can be output on computer by using a card reader.



The video recorded by this product can be displayed in conjunction with Google Maps by installing the dedicated viewer software on your computer.

※An internet connection is required.

Download URL:<https://www.dvplayer.net/setup.html>

## Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

### RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter