

FINE Vu

**GX1600**

## FineVu GX1600 User Manual

Please be sure to read the 'Safety and Precautions' before using the product, and use it correctly to prevent accidents or dangers.  
(Menu screens and other illustrations in the user manual may differ from the actual product.)



Thank you for purchasing the FineVu dash cam.

We always strive to get closer to our customers.

This user manual contains information on how to use and operate the GX1600 dash cam.

Please be sure to fully read and understand this manual before using the GX1600 dash cam.

Please also note that this manual may include technical or editorial errors or omissions.

In addition, the performance specifications of the GX1600 dash cam are subject to change without notice.

### **Warranty and Support**

- The website address is <http://en.finevu.com> .
- You can download the latest firmware and the user manual through the website.
- No warranties, including implied warranties, are provided for any kind of sales or conformance, other than in the form permitted by FINEDIGITAL Inc.

### **Copyright and Trademarks**

- This manual is protected by copyright law, and all rights are legally protected.
- Except as permitted by copyright law, no part of this manual may be reproduced, copied, modified or translated without the prior written consent of FINEDIGITAL Inc.

### **Certificate**

**This device has passed KS C9990 (anti-disruption test on actuators of automobiles and internal combustion engines).**

Sellers or users should note that this device is registered for electromagnetic compatibility, which aims to protect functions related to car operations and drivers, passengers and other car users from electromagnetic waves.

- Device Name (Model): Drive recorder (GX1600)
- KC Certification Number: R-R-FDK-Fine R075
- BT/Wi-Fi Dongle KC: R-R-JVS-J5
- Trade Name of Certified Person: FINEDIGITAL Inc.
- Manufacturer/Country of Manufacture: FINEDIGITAL Inc./South Korea
- A/S Contact: support@finedigital.com

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## Symbols



### **Warning**

Provides important information related to the safety of the user. Failure to comply may lead to death or serious injury.



### **Caution**

Information provided for the safety of the user and the proper use of the product. Failure to comply may result in personal injury or property damage.



### **Note**

Information provided for user convenience.

# Safety and Precautions



## Warning

Failure to comply with the following instructions may result in death or serious injury of the user.

### Power

- Do not use damaged or altered power cables, and use only genuine products provided by FINEDIGITAL Inc. Use of an incorrect or damaged power cable may cause a safety accident such as fire, damage to the vehicle or injury.
- Do not use at a voltage other than the rated voltage. Use at an incorrect voltage may cause a safety accident such as fire, damage to the vehicle or injury.
- Do not arbitrarily connect the power cable to another device, as this may cause a fire or malfunction.

### Installation

- Do not install in an environment with high humidity or highly combustible liquids or gases. Failure to observe this requirement may cause a fire.
- Do not leave in an environment with high temperature, such as in an enclosed car or in a place where it will be exposed to direct sunlight, for an extended period of time. Failure to observe this requirement may cause a fire or malfunction.
- Do not install in a place where it will interfere with the driver's view, as this may cause a vehicle accident.
- Please plug in the power, GPS, and video cables correctly. Failure to observe this requirement may cause a fire or malfunction.

### Use

- Do not allow metal or flammable materials to enter the memory card slot or the place on the product where the power cord is inserted. Failure to observe this requirement may cause electric shock or fire.
- Do not operate the product with wet hands. This may cause electric shock.
- Do not leave the product or its accessories around infants or children, as the small accessories are a choking hazard.
- Do not cover the product with a cloth or blanket while it is operating. It may overheat and cause a fire or malfunction.
- Please do not operate the dash cam while driving, as this may cause a vehicle accident.



### Caution

Failure to comply with the following instructions may cause personal injury or property damage to the user.

### Installation

- Do not arbitrarily install a constant power supply, as this may cause a product or vehicle malfunction. Be sure to get help from a professional installation engineer.

### Use

- Do not apply excessive force to the lens, lens cover, or the exterior of the camera. Failure to observe this requirement may cause a malfunction.
- Do not use the product with an awl or sharp object. Failure to observe this requirement may cause a malfunction.
- Using the dash cam for an extended period of time may heat up the surface. Please be careful.
- Do not arbitrarily disassemble or alter the product. This may cause damage or data loss, so please request the A/S center for inspection and repair.
- Be careful not to cover the lens when filming.
- Changing the position of the camera while it is installed may result in poor contact.

### Management

- Do not leave the product or its accessories around your pet. Foreign substances from pets may enter the product and cause malfunction.
- If the product is not in use for an extended period of time, do not leave the product unattended with the power cable connected. Failure to observe this requirement may cause a fire or malfunction.
- Do not move an operating product with the car power connector or cables plugged in. Failure to observe this requirement may cause fire or electric shock.



- To improve the performance of the product, the product specifications and contents of the user manual are subject to change without notice.
- This manual shall not be copied, in whole or in part, without permission.
- This company is not responsible for any data loss or product loss caused by a product malfunction in the event of an accident or in any other cases.

## Precautions for Use

A dash cam is an auxiliary device that takes images and records them in a storage device in specific situations when a vehicle is driving or parking. Please use it as a supplementary device to determine the circumstances of an accident. FINEDIGITAL Inc. is not liable for any damages arising from an accident, and will not provide support for any consequences resulting from an accident. Please read and understand the following before using the product.

### If the recording file cannot be found:

- **Recorded videos are deleted over time**  
Because it uses a storage device (Micro SD card) with a limited storage capacity, if the storage device exceeds the capacity during recording, the oldest videos will be deleted sequentially.
- **Sensitivity setting in the impact detection sensor**  
Depending on the impact detection sensitivity setting in the product (normal, sensitive, insensitive, etc.), if the impact intensity is less than the set value, the impact image may not be stored in the event folder or the parking folder.
- **Voltage setting for vehicle battery**  
When using the parking monitoring function, the dash cam will continue to monitor the voltage of the vehicle's battery to protect the vehicle battery, and if the voltage of the vehicle battery drops to the voltage set in the dash cam configuration, the power of the dash cam will be automatically cut off and the dash cam will stop operating.

### How to deal with an accident

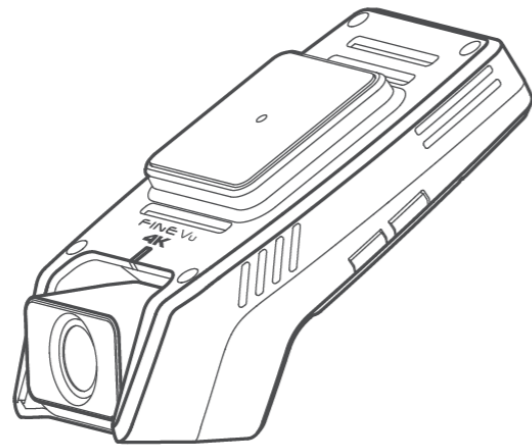
- In the event of an accident, turn off the dash cam power and remove the Micro SD card. If you continue to use it without removing the Micro SD card, the recorded video may be deleted over time. If it is difficult to remove the Micro SD card, you may turn off the power from the dash cam.
- Please back up the accident video using your PC.
- Do not connect the removed Micro SD card to your smartphone. When connecting a Micro SD card to a smartphone, the recorded video may be lost due to the file structure change by the smartphone.

### How to clean and store

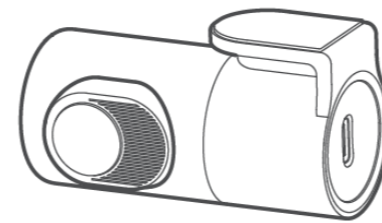
- If there is a foreign substance on the lens, wipe it clean with a soft cloth (cotton).
- To record high-quality images, please avoid touching the lens with your hands or contacting other objects.
- If there is a foreign substance in the terminal of the main body, do not take it out or remove it using a tool; please contact the A/S center for repair.
- If the product is not in use, please keep it indoors, separately from the vehicle.
- Be sure to disconnect the power before storing.
  - Avoid humid environments and keep the product sealed as much as possible.
  - Be sure to remove the memory card and keep it in order to maintain the memory card's performance.

# Product composition

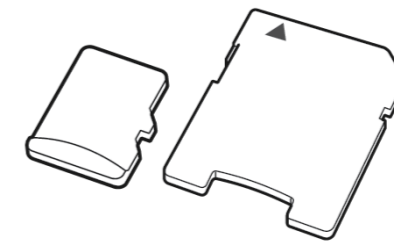
## Components



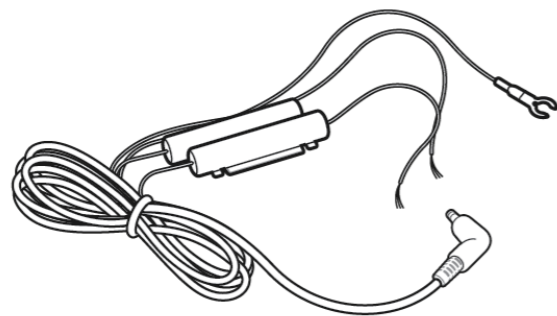
**Front Camera**



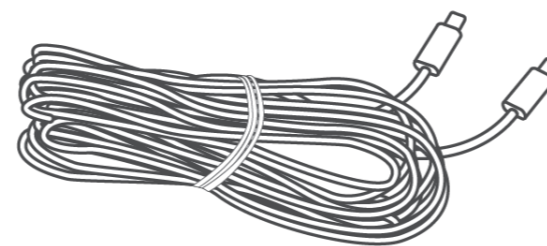
**Rear Camera**



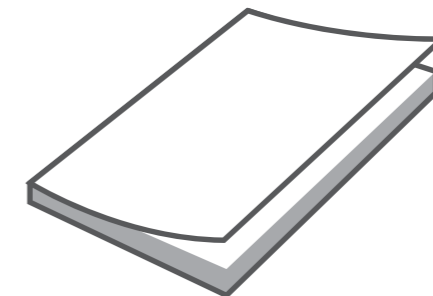
**Micro SD Card & Adapter**



**Power Cable**



**Rear Camera Cable**

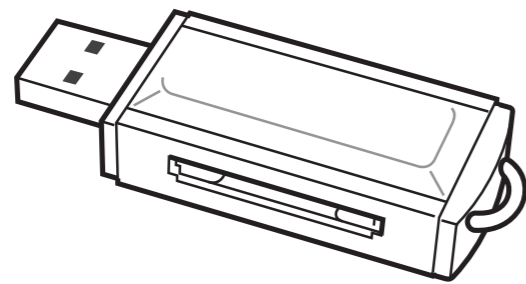


**User Manual**

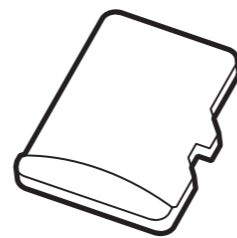


- The components of this product may be changed without prior notice to improve product performance.
- The warranty period for the Micro SD card is 6 months.

## Optional Accessories



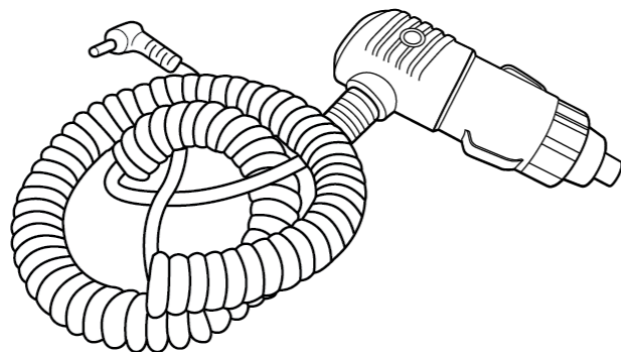
**USB SD Card Reader**



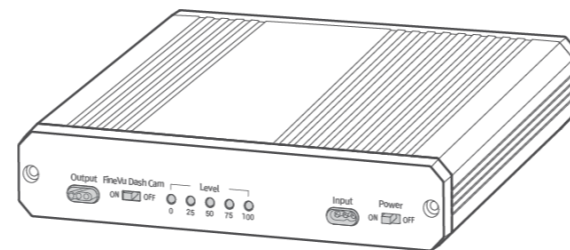
**High Capacity  
Micro SD Card**



**CPL Filter**



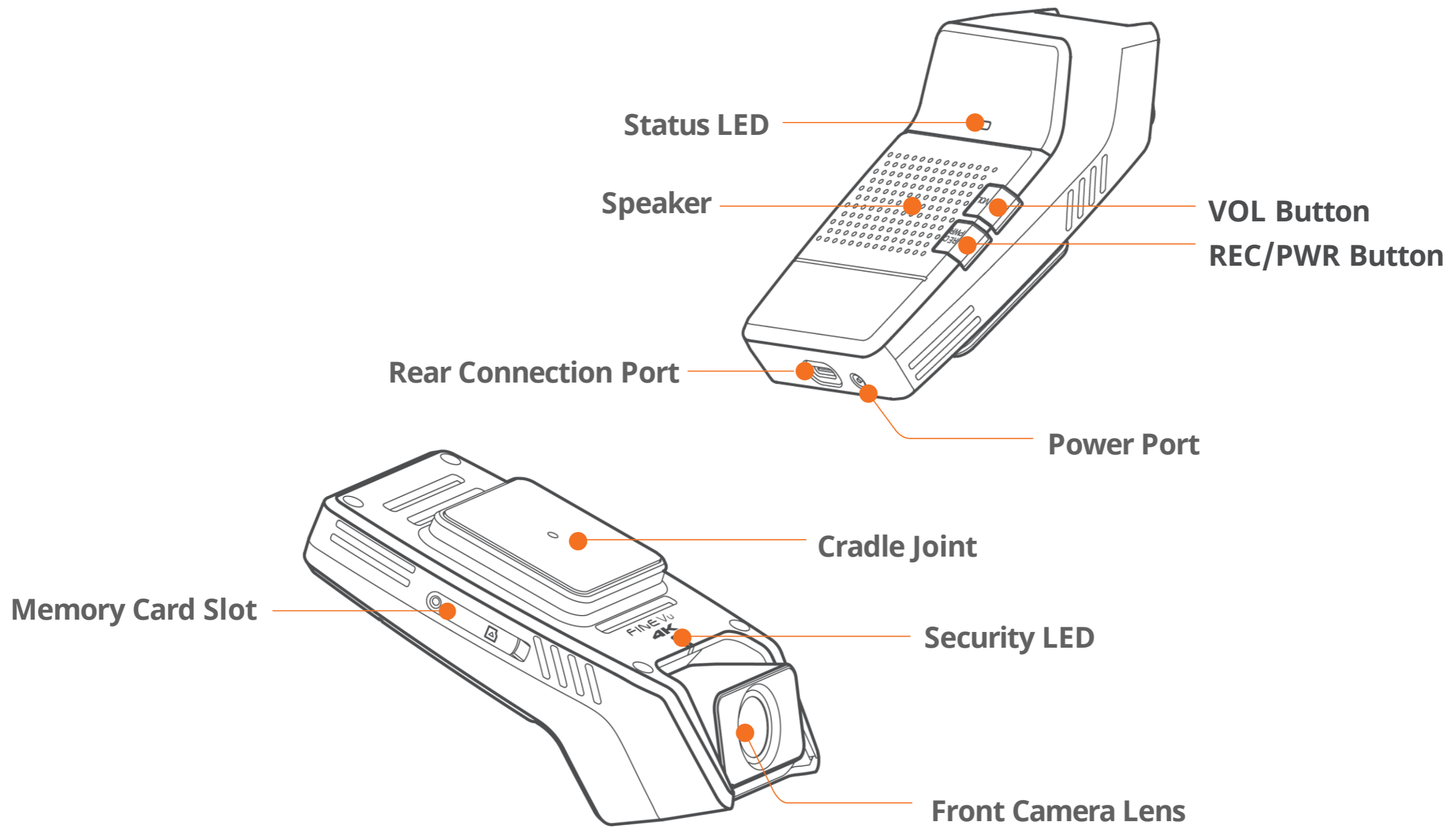
**Cigarette Lighter Power Cable**



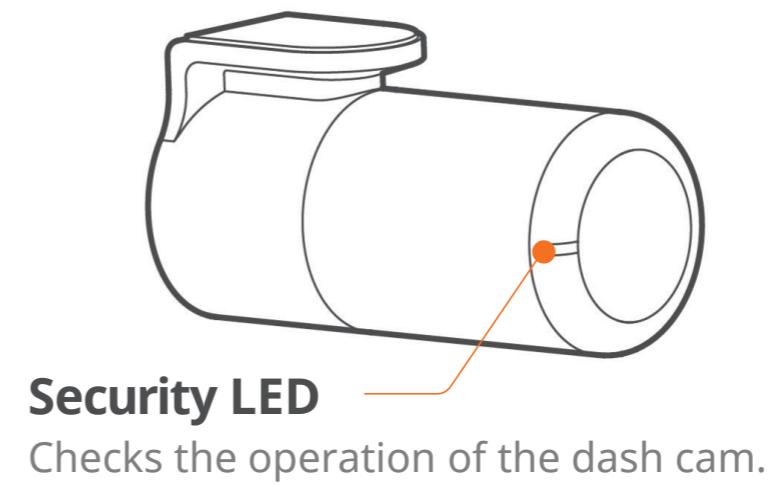
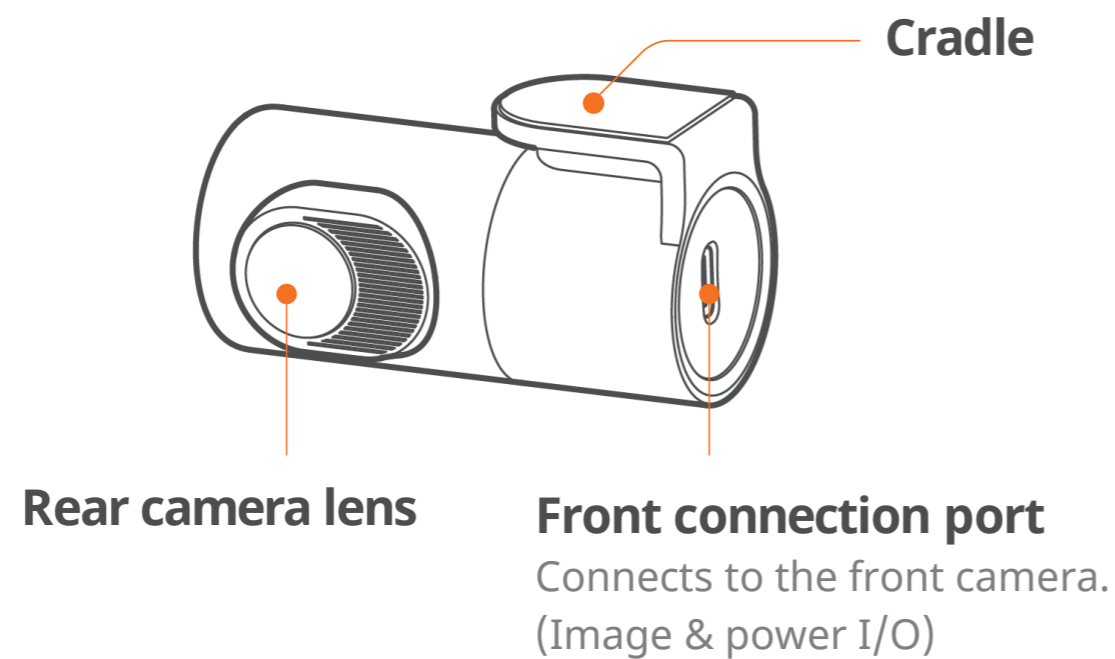
**External Battery Pack**

# Name of Parts

## Front Camera



## Rear Camera



- Connecting a cable other than the rear-only cable to the rear connection port may cause damage.
- Security lighting is set to OFF by default. To use the security lighting, set it in the app > Dash Cam Settings > Environment.

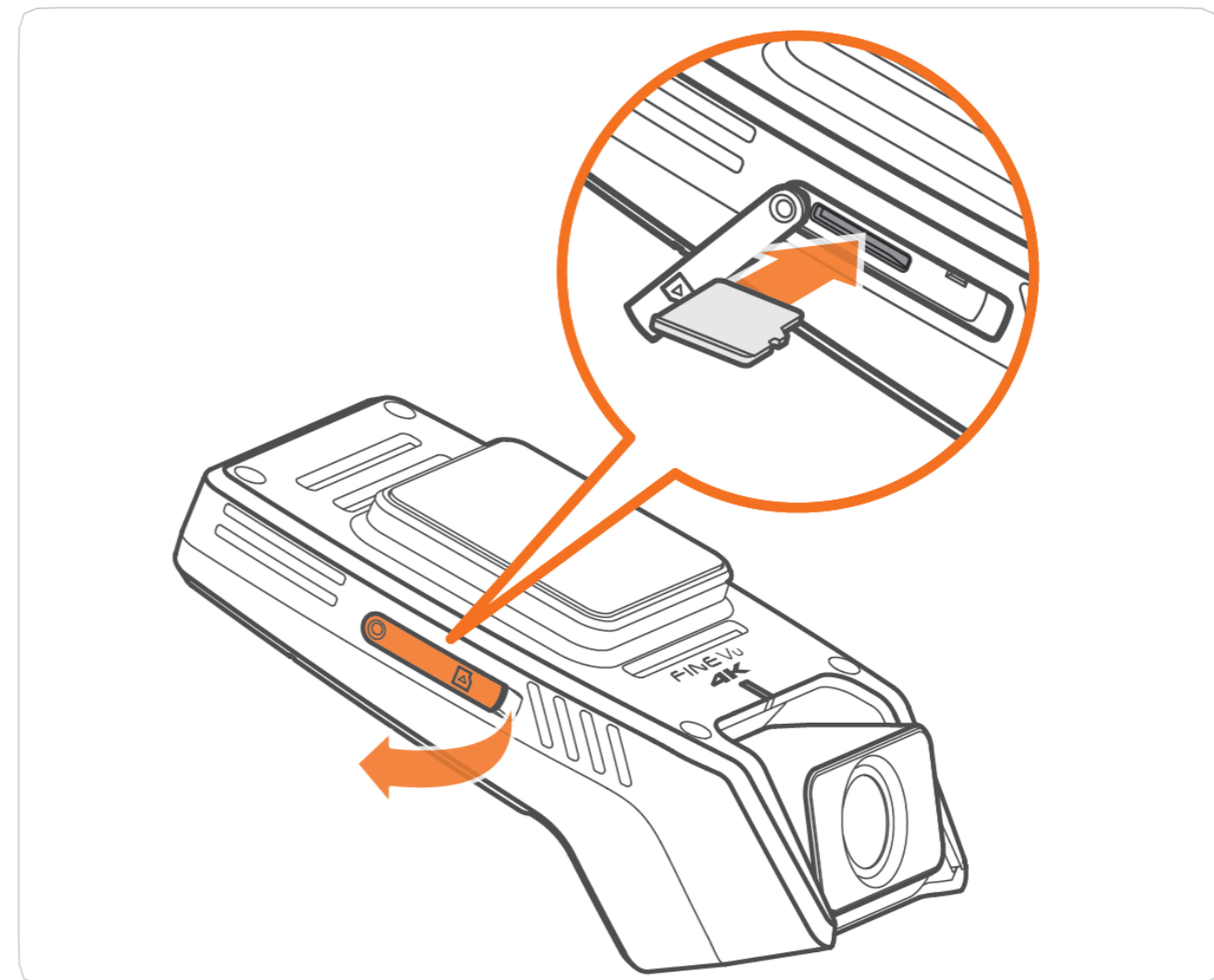
# How to Install

## Inserting the Micro SD card

1. Gently pull open the rubber slot cover located on the side.
2. Insert the Micro SD card into the slot with the metal contacts facing down, and press until it makes a 'click' sound.
3. Close the cover to ensure the slot is not exposed.

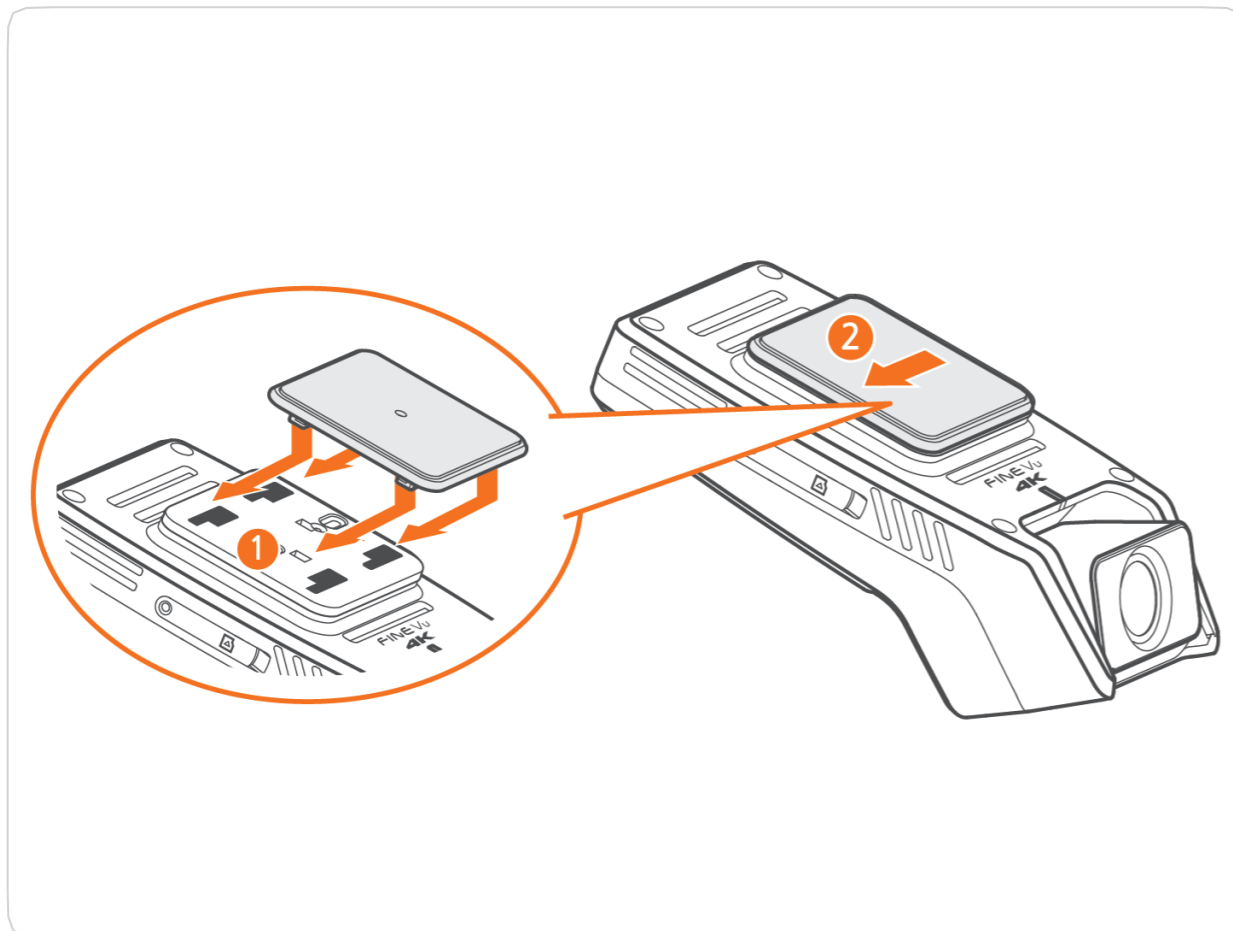
## Removing the Micro SD card

1. Gently pull open the rubber slot cover on the side.
2. Lightly press the inserted Micro SD card with your fingernail.
3. The card will pop out with a click sound.
4. Carefully pull the card out by hand.
5. Close the cover to ensure the slot is not exposed.



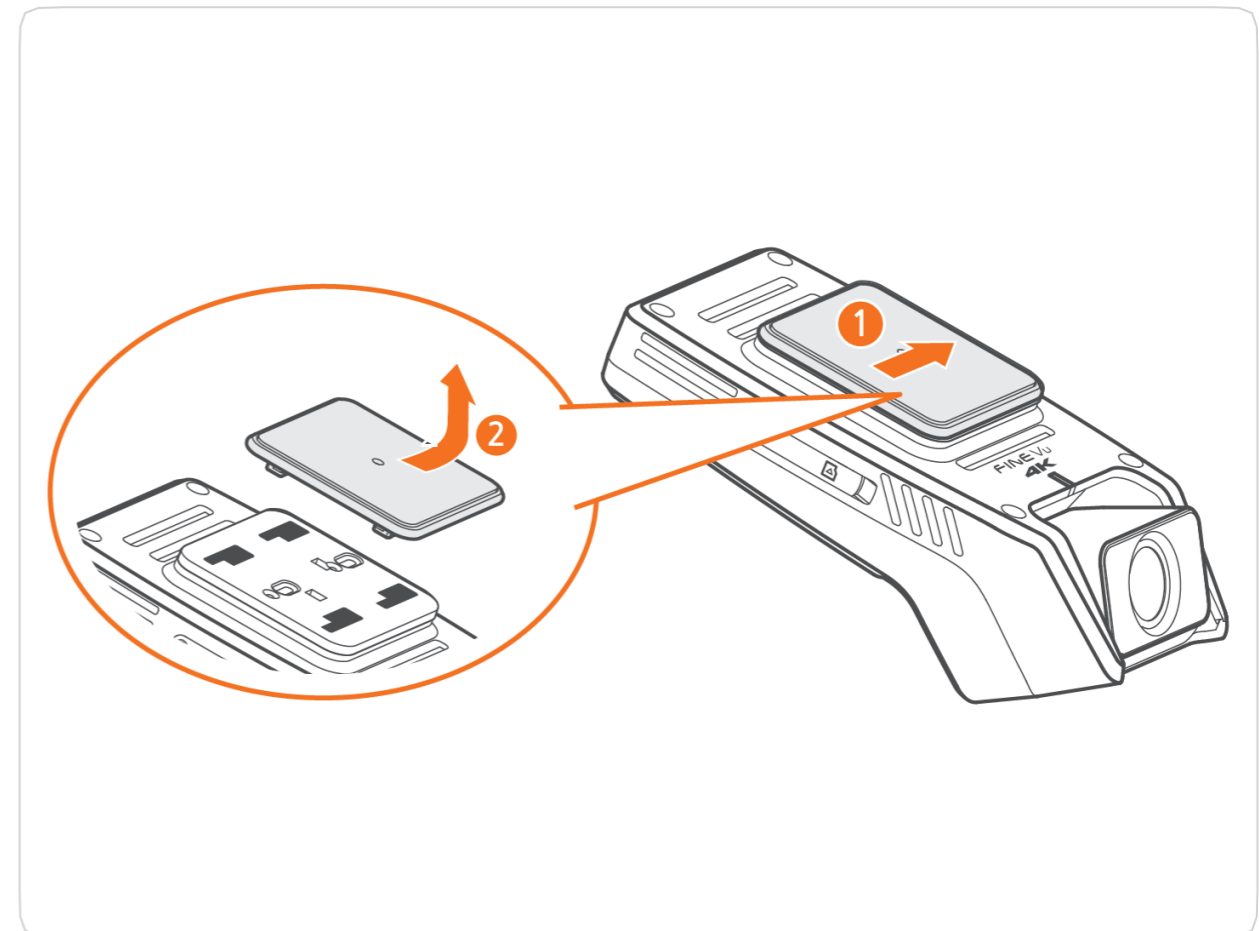
- Please make sure to use a genuine FineVu memory card. If a non-genuine memory card is used, compatibility and normal operation cannot be guaranteed.
- Carefully observe the direction in which the Micro SD card is inserted. If the Micro SD card is inserted incorrectly, the memory card slot of the product or the Micro SD card may be damaged.
- Please regularly back up important videos to a separate storage device.

## Attaching the Cradle



1. Align the cradle part with the arrow ① and insert it into the cradle groove on the main body of the product.
2. While inserting it into the groove, push the cradle in the direction of arrow ② until it makes a 'click' sounds to fix it on the product.

## Detaching the Cradle

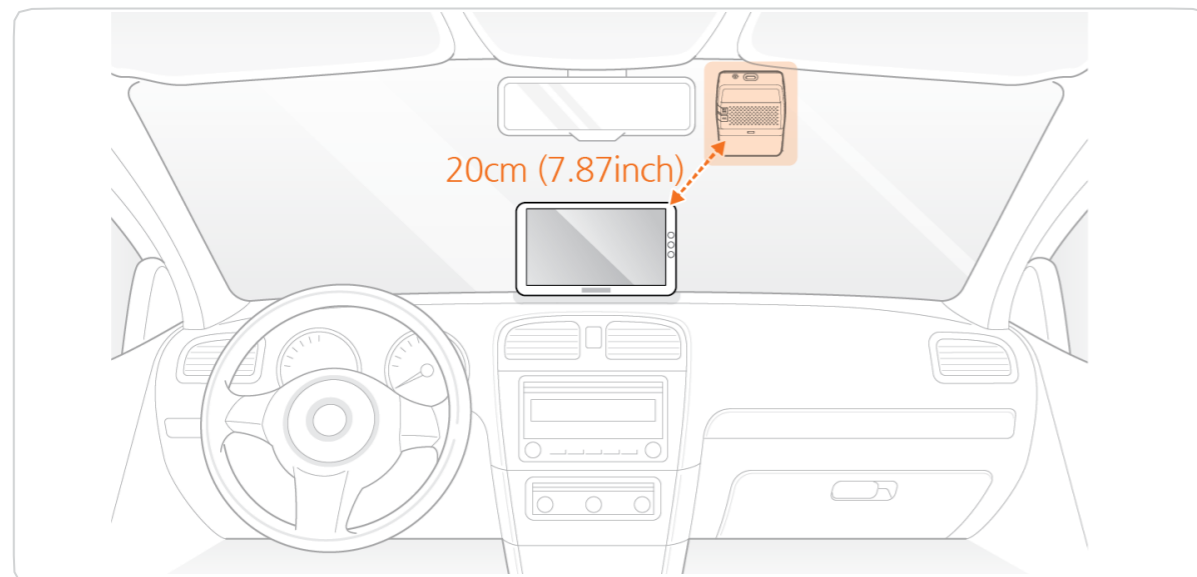


1. Push the cradle in the direction of the arrow ① until it makes a 'click' sound.
2. After pushing it, separate the cradle in the direction of the arrow ②.

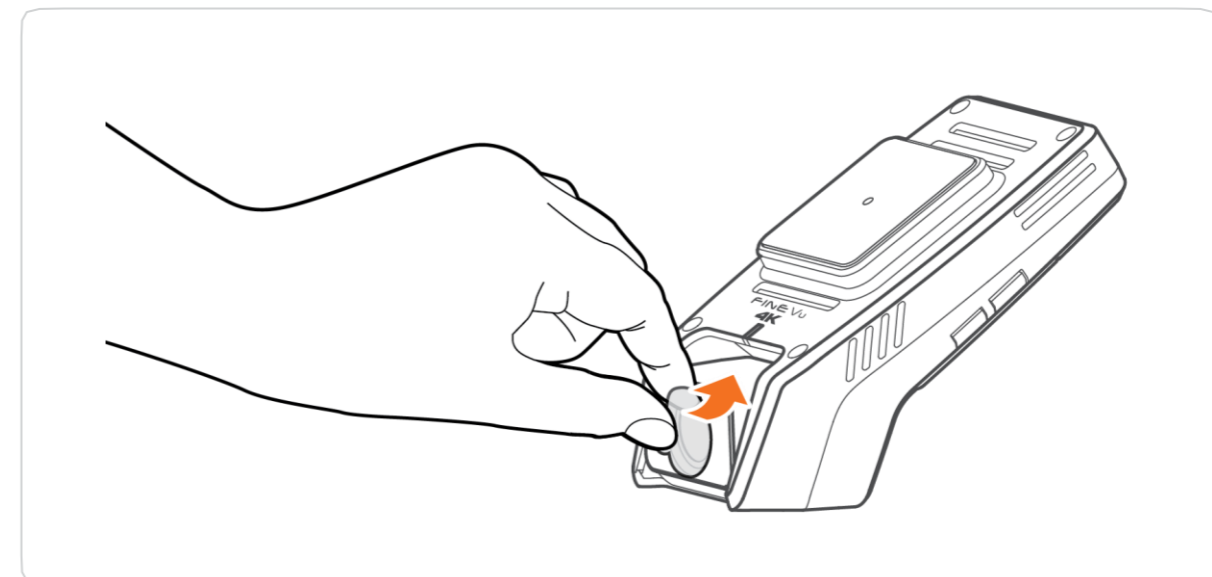


- When attaching the cradle, please align the left and right directions of the cradle well. If you try to attach it in the wrong direction, the product may be damaged.

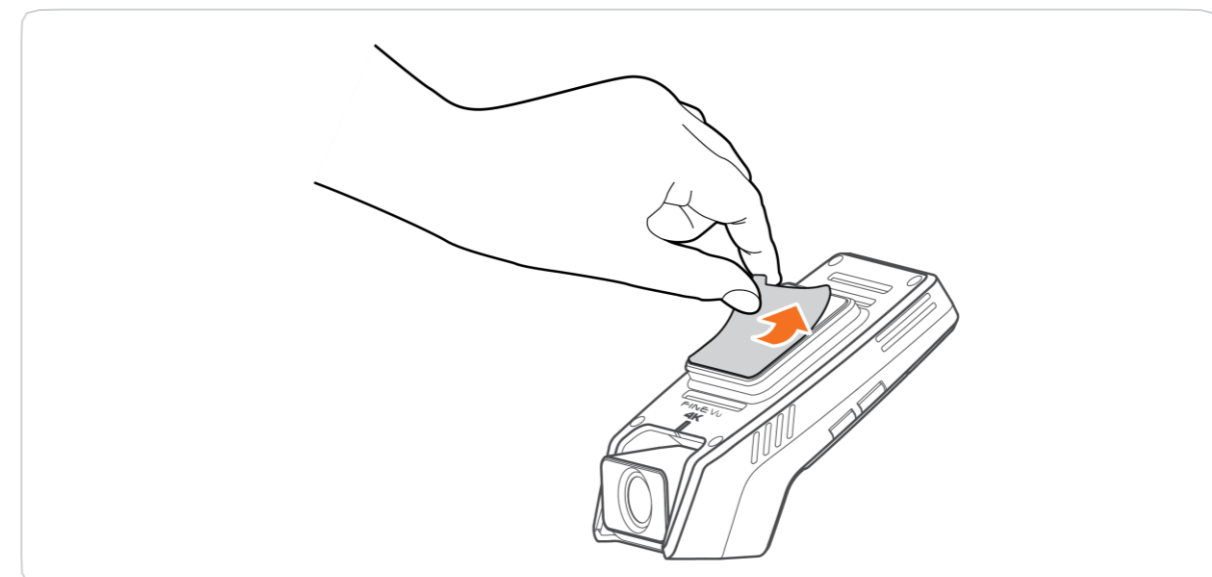
## Installing the Front Camera



1. Decide where you want to install the product.



2. Remove the protective film from the front camera.



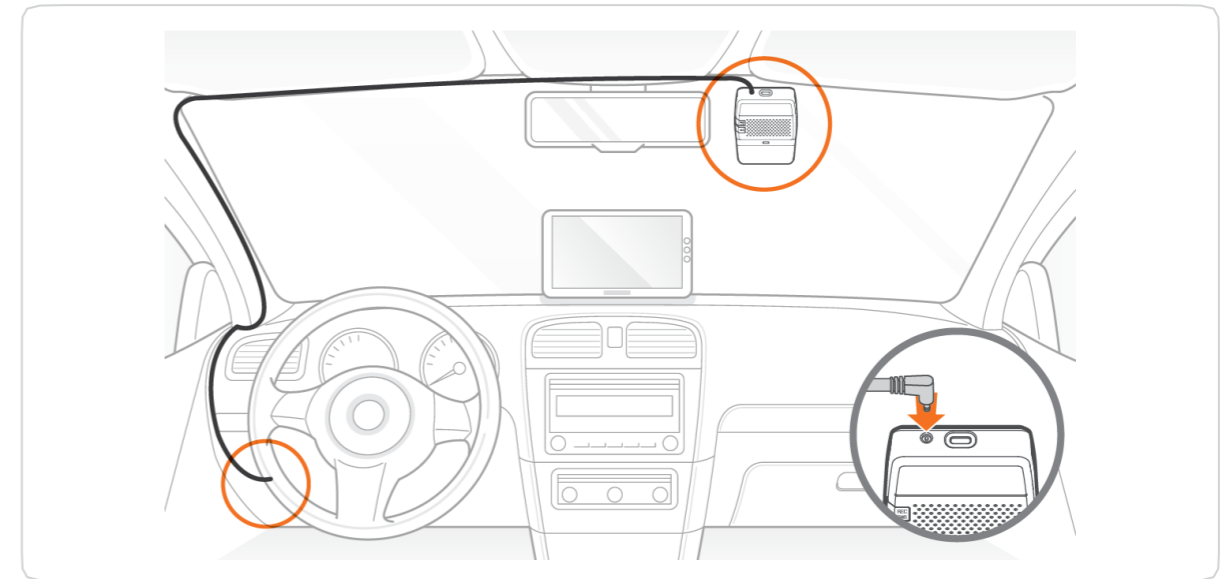
3. Peel off the protective film from the tape for attaching the cradle.



- Please set the installation location of the product at least 20cm (7.87 inch) away from other electronic devices such as the navigation system.
- Install in a location where it will not interfere with the driver's view.

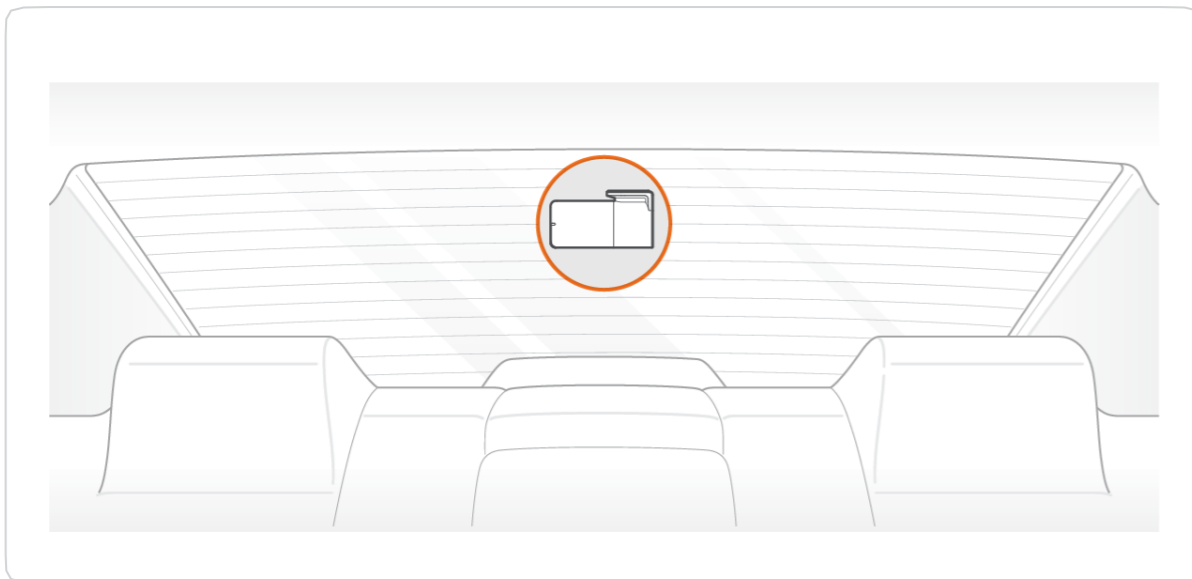


4. Attach the cradle from which the protective film has been removed to the location where you want to install the product.



5. Connect to the hard wiring power cable connected to the fuse box.

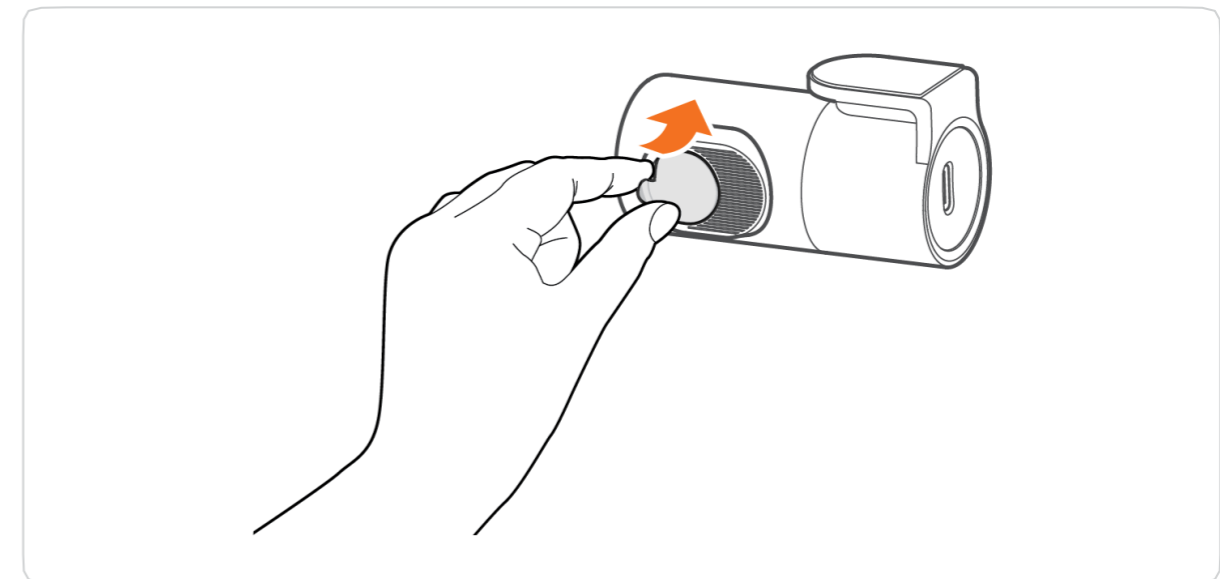
## Installing the Rear Camera



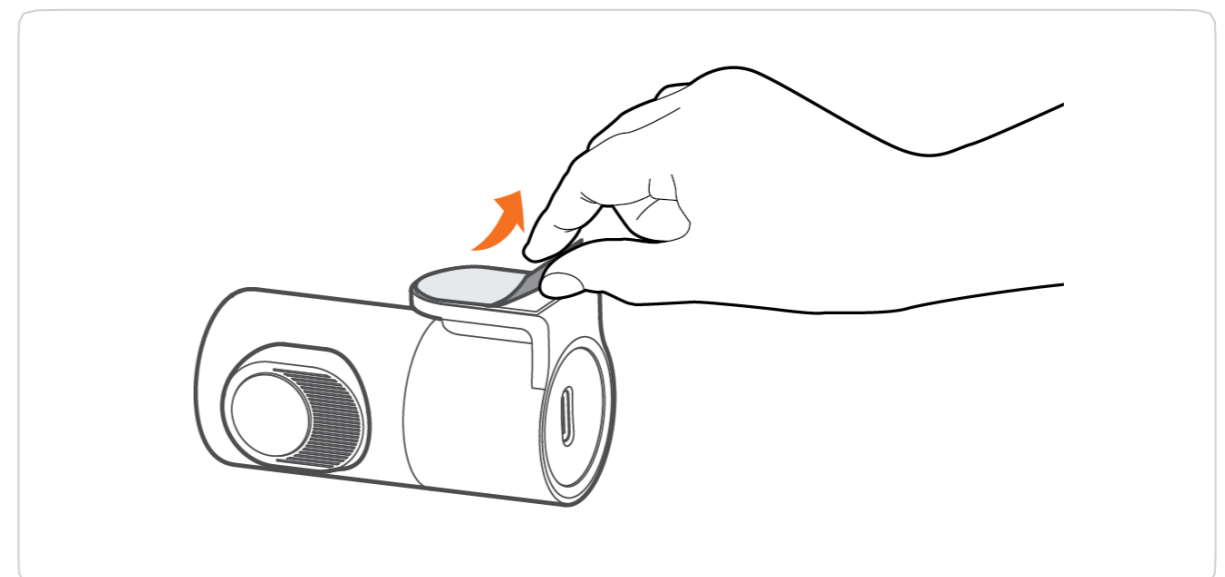
1. Decide where you want to install the product.



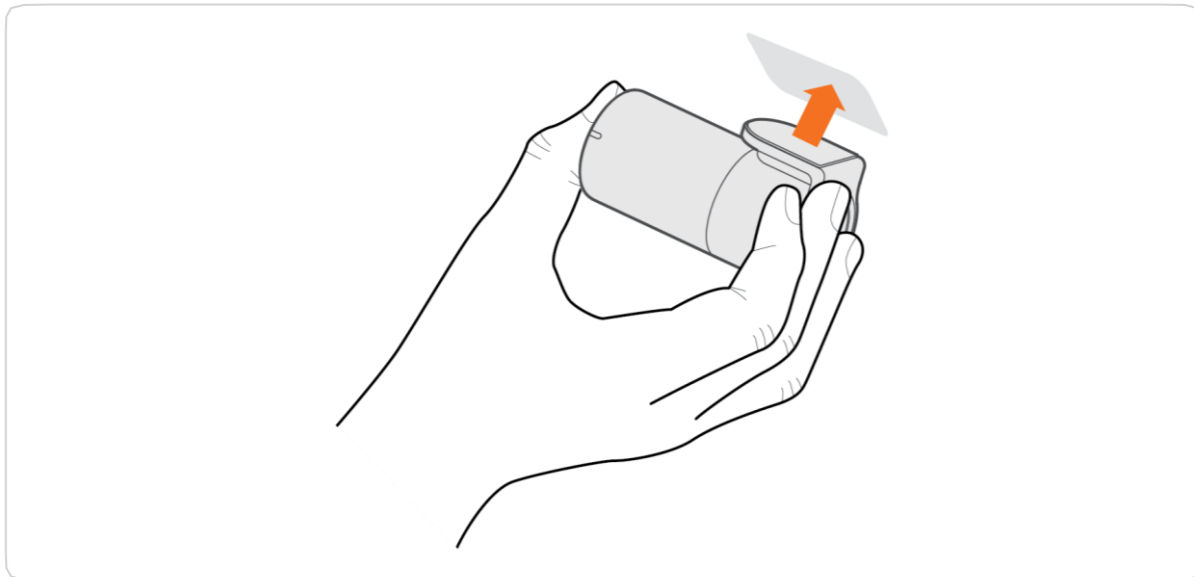
• Install in a location where it will not interfere with the driver's view.



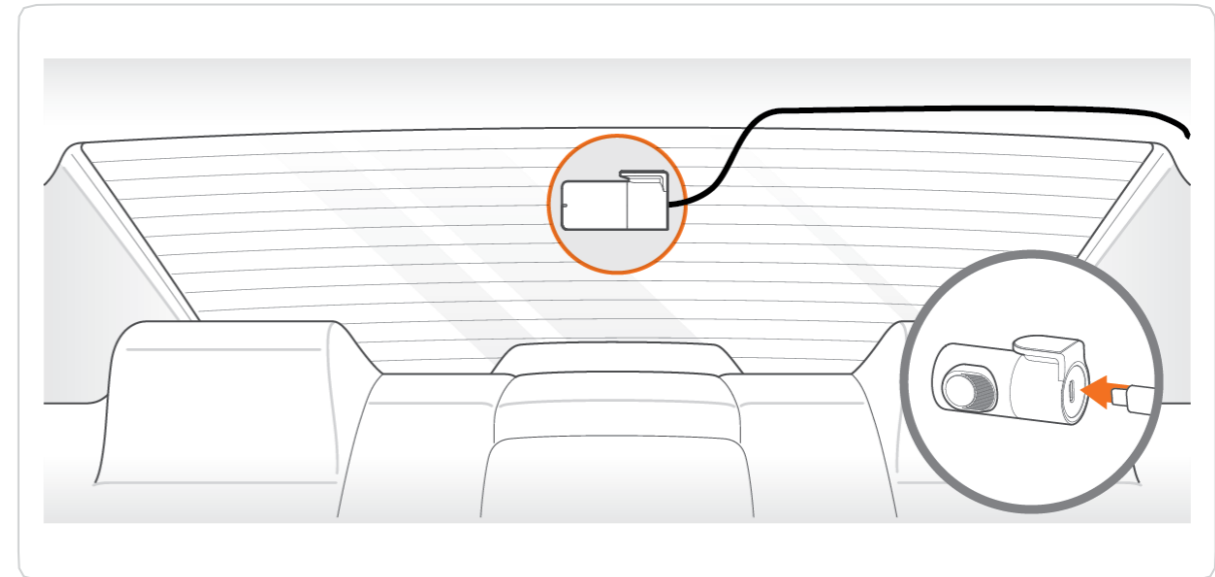
2. Remove the protective film from the rear camera.



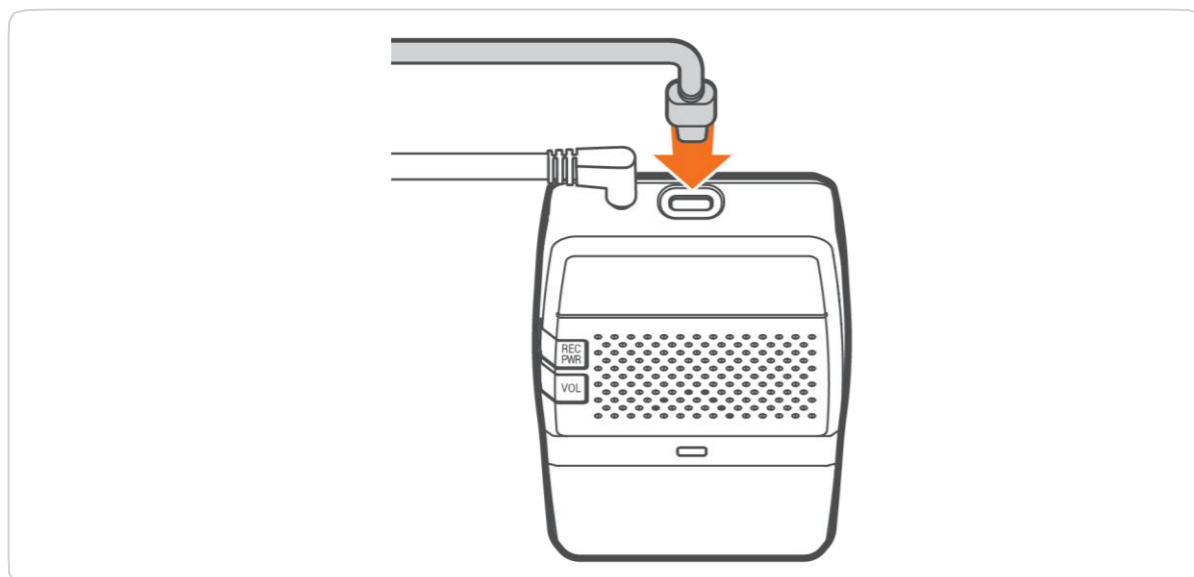
3. Peel off the protective film from the tape to attach the cradle.



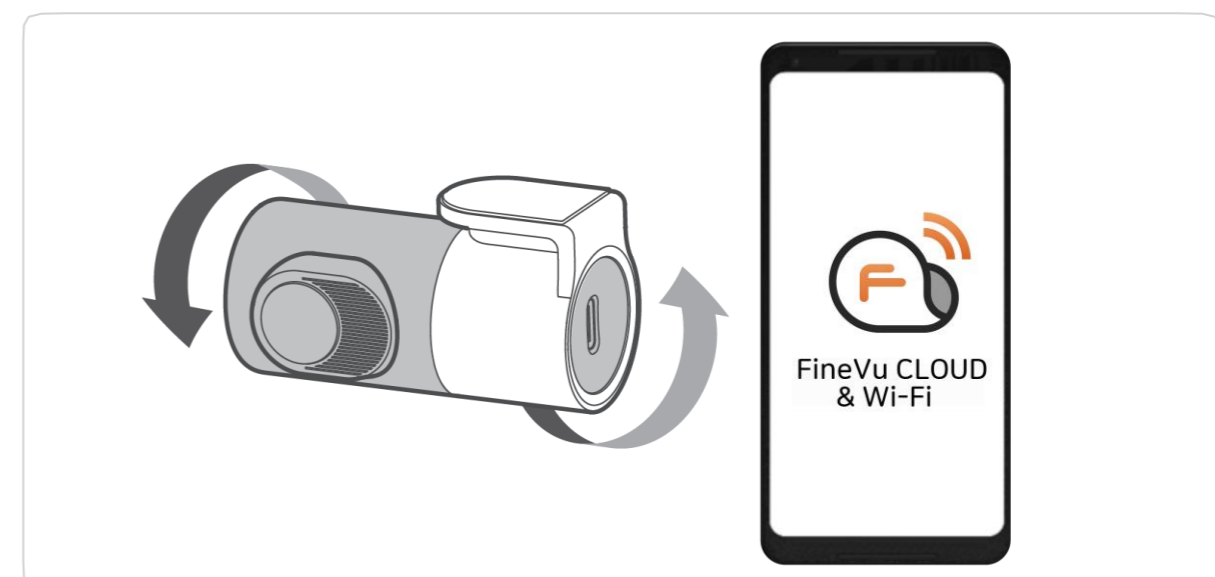
4. Attach the rear camera to the location where you want to install it.



5. Connect the rear camera with the rear-only cable.



6. Connect the rear-only cable to the front camera of the dash cam.



7. When the installation is complete, adjust the angle of the recording video by connecting the 'FineVu CLOUD & Wi-Fi' app.



- Please use only genuine accessories provided by this company. Using third-party products may cause damage to the product, fire, or electric shock due to voltage differences.
- You have to use constant power when using parking recording. As constant power has to be connected separately except with some vehicle models, get the help of an expert in the installation branch. (You are recommended to install a constant power supply to prevent the vehicle's battery from being discharged.)
- When connecting constant power cables, pay attention to the connected position of each wiring.
- Do not arbitrarily cut or alter the enclosed genuine constant cables.

## Key Product Features

<b>STARVIS 2</b>	<b>Equipped with SONY Exmor R STARVIS2™ image sensors</b> Equipped with SONY Exmor R STARVIS2 image sensors, which provide brighter and cleaner image quality than regular CMOS sensors even at night.
<b>Ultra HD(4K) 30fps</b>	<b>High-resolution image recording</b> With a high-performance image sensor and high-quality lens, it records front in Ultra HD (3840x2160p@30fps) and rear in Quad HD (2560x1440p@30fps) .
<b>FineVu CLOUD &amp; Wi-Fi app</b>	<b>FineVu CLOUD &amp; Wi-Fi app</b> You can easily set up the dash cam and check the video using the FineVu CLOUD & Wi-Fi app.
<b>HDR</b>	<b>HDR support</b> FineVu's unique tuning technology enables clear and vivid recording in diverse illuminance conditions, including backlighting, night driving, entering and exiting tunnels and parking lots.
<b>Auto Night Vision</b>	<b>Equipped with Auto Night Vision</b> Offers improved identification of objects with bright images, and minimizes deterioration in image quality when shooting in low light or at night.
<b>ADAS &amp; Speed Camera Alert</b>	<b>ADAS PLUS &amp; Speed Camera Alert</b> Supports ADAS (FVMA, FCWS, LDWS, PCWS, Ufcws, BSD(R), BSD(L), RCWS) / Speed Camera Alert function. This works only when a GPS signal is available.
<b>Power Saving Parking Mode</b>	<b>Equipped with Power Saving Parking Mode</b> With FineVu's unique low-power technology, it records safely even while parked for an extended period.

# How to Use







## Operation Description

Image	Mode		LED	Operation Description
Security LED	Driving / Parking mode		White (Dimming)	• During driving and parking mode recording, the LED slowly turns off and on over approximately 4 seconds.
	Impact detection / Motion detection		White (Blink)	• When an event occurs during driving or parking mode, the LED blinks as it switches to event recording.
Status LED	Recording	GPS receiving while driving Recording	Green	• In driving mode, a green LED indicates that a GPS signal is received.
		GPS not receiving while driving Recording	White	• In driving mode, a white LED indicates that a GPS signal is not received.
		Parking recording (Time lapse, Parking motion)	Red	• In parking mode, a red LED indicates that a motion or time-lapse recording is active.
		Driving/Parking event (Impact detection, Motion detection)	Red (Blink)	• When an event occurs while driving or parking, the device switches to event recording mode.
		Manual recording	Red (Blink)	• Tap the <b>REC/PWR</b> button briefly to switch to manual recording mode.

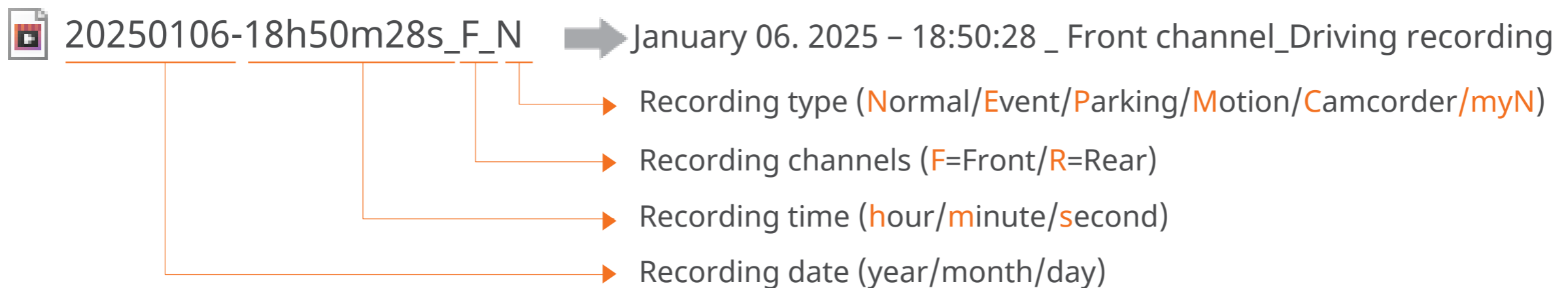
Image	Mode		LED	Operation Description
Status LED	Wi-Fi	Wi-Fi connected	Blue	• When the device connects to the app via Wi-Fi, the LED turns on.
		Wi-Fi password initialization	Blue (Blink)	• Press and hold the <b>VOL</b> button for about 5 seconds to reset the Wi-Fi password.
	ETC	Memory format	White (Blink)	• Press and hold the <b>VOL</b> button for about 10 seconds to format the Micro SD card.
		Volume control	-	• Each short press of the <b>VOL</b> button toggles mute or adjusts the volume through levels 1 to 4.
		Power ON/OFF	-	• Press and hold the <b>REC/PWR</b> button for about 5 seconds to turn the power on or off.

# Recording Folder / Video File Name

## Recording Folder Configuration

Recording	Driving Recording (Driving Smart Time Lapse)	Driving Impact	Parking Motion (Parking Smart Time Lapse)	Parking Impact	Manual Recording	My folder
Folder Name	 Normal	 Event	 Motion	 Parking	 Camcorder	 Myfolder

## Recorded Video File Name



- Only images related to impact detection and motion detection are recorded while parking. (Smart Time Lapse set separately)
- Parking Motion Recording and Parking Smart Time Lapse Recording cannot be used simultaneously.
- Smart Time Lapse Recording does not record audio.

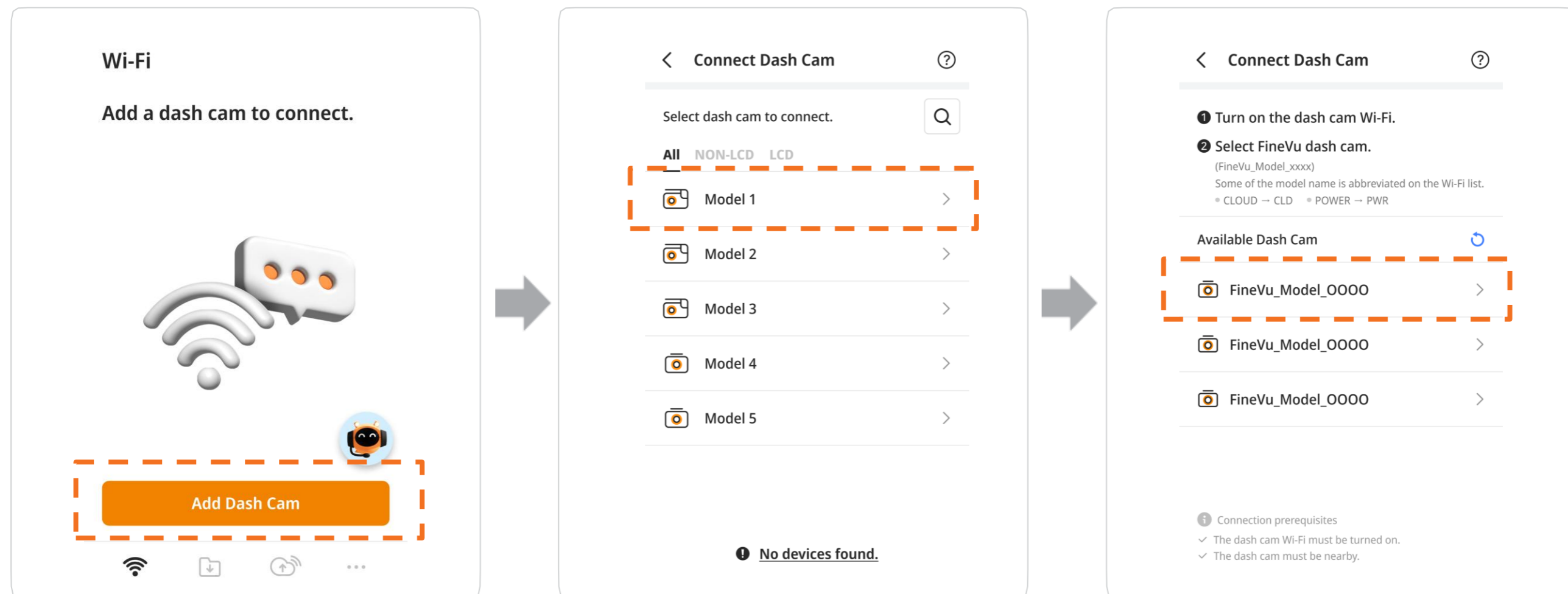
# How to connect the FineVu CLOUD & Wi-Fi App

Scan the QR code to install the “FineVu CLOUD & Wi-Fi” app, then follow the instructions below to connect the dash cam.

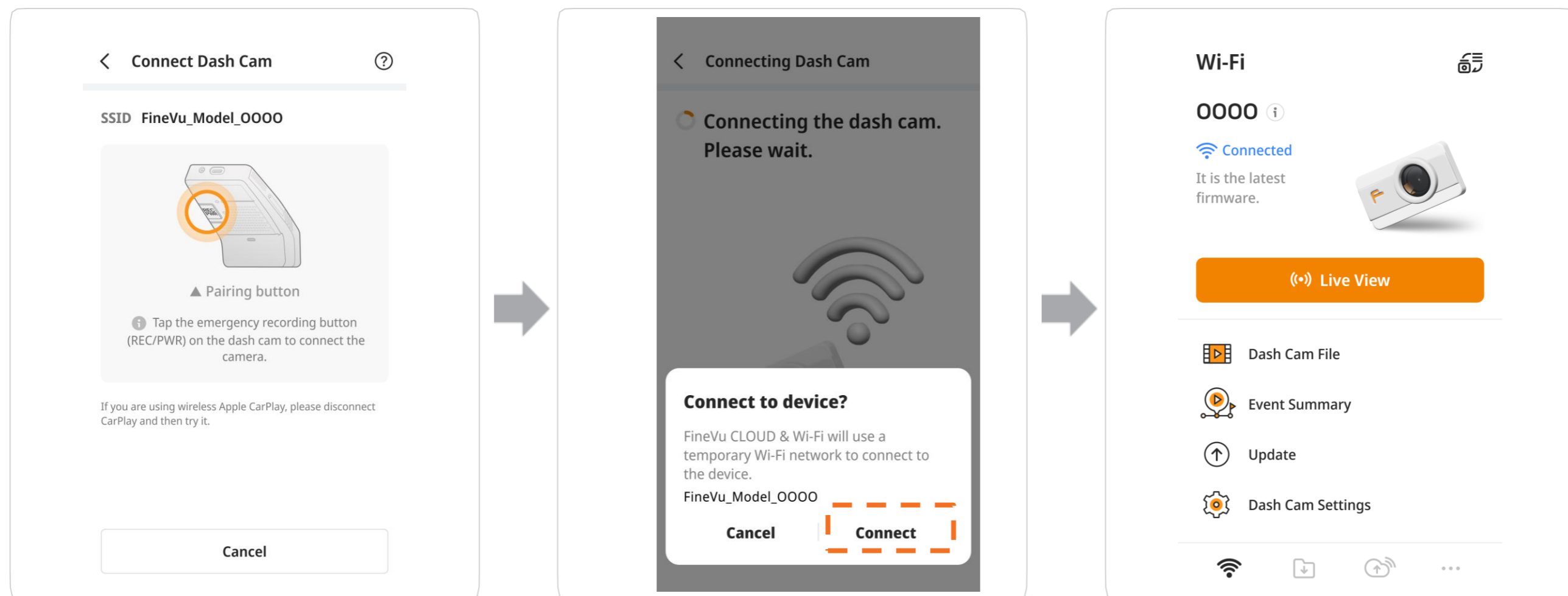
- This model does not support cloud features.



## Connecting the Dash Cam (To Wi-Fi)



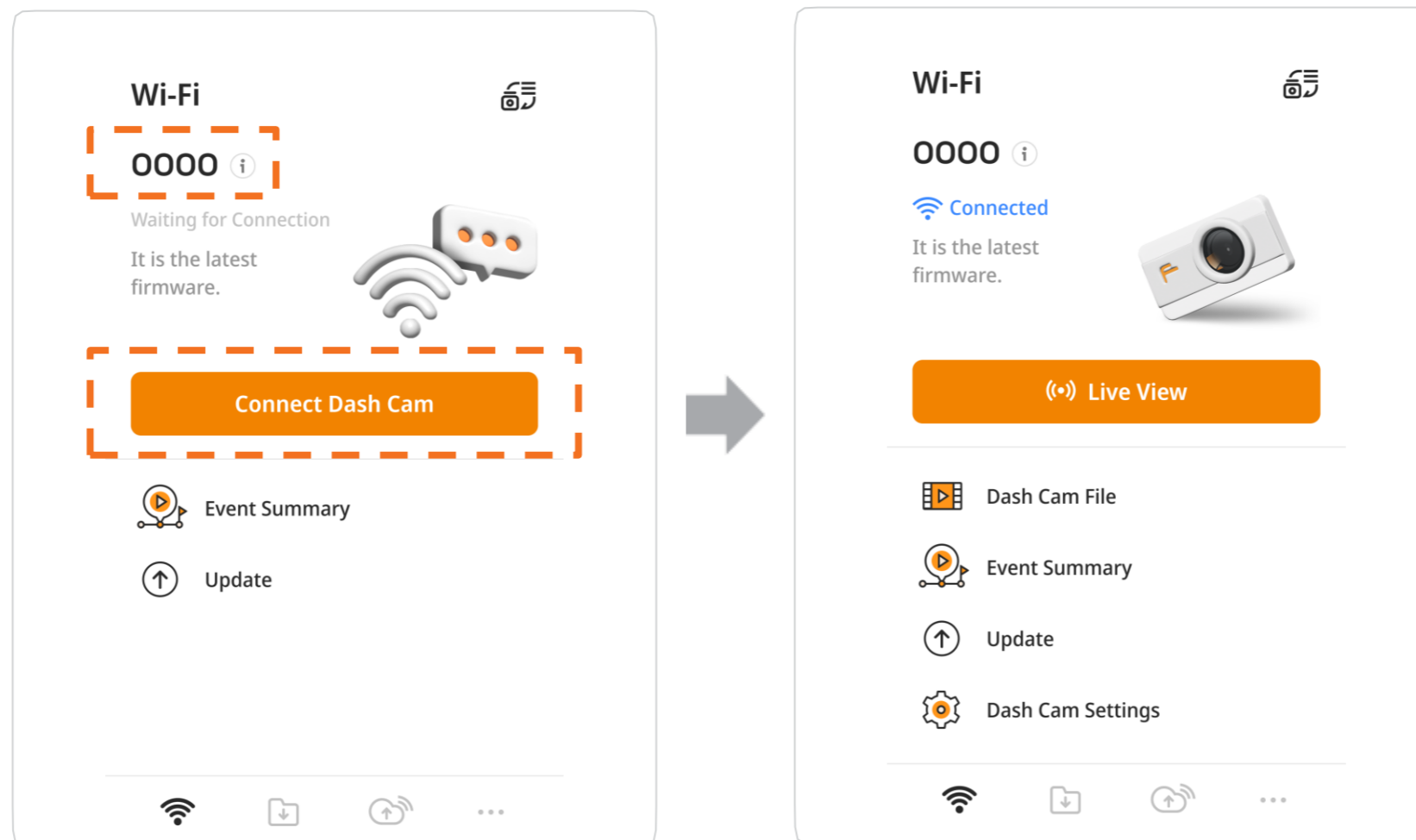
1. Open the “FineVu CLOUD & Wi-Fi” app, and tap the **Add Dash Cam** button on the Wi-Fi home screen.
2. Tap ‘GX1600’.
3. Select a dash cam Wi-Fi network with a name that begins with “FineVu\_GX1600”.



4. Tap the pairing (REC/PWR) button for the dash cam.
5. Tap the **Connect** button. Dash cam registration and connection are complete.

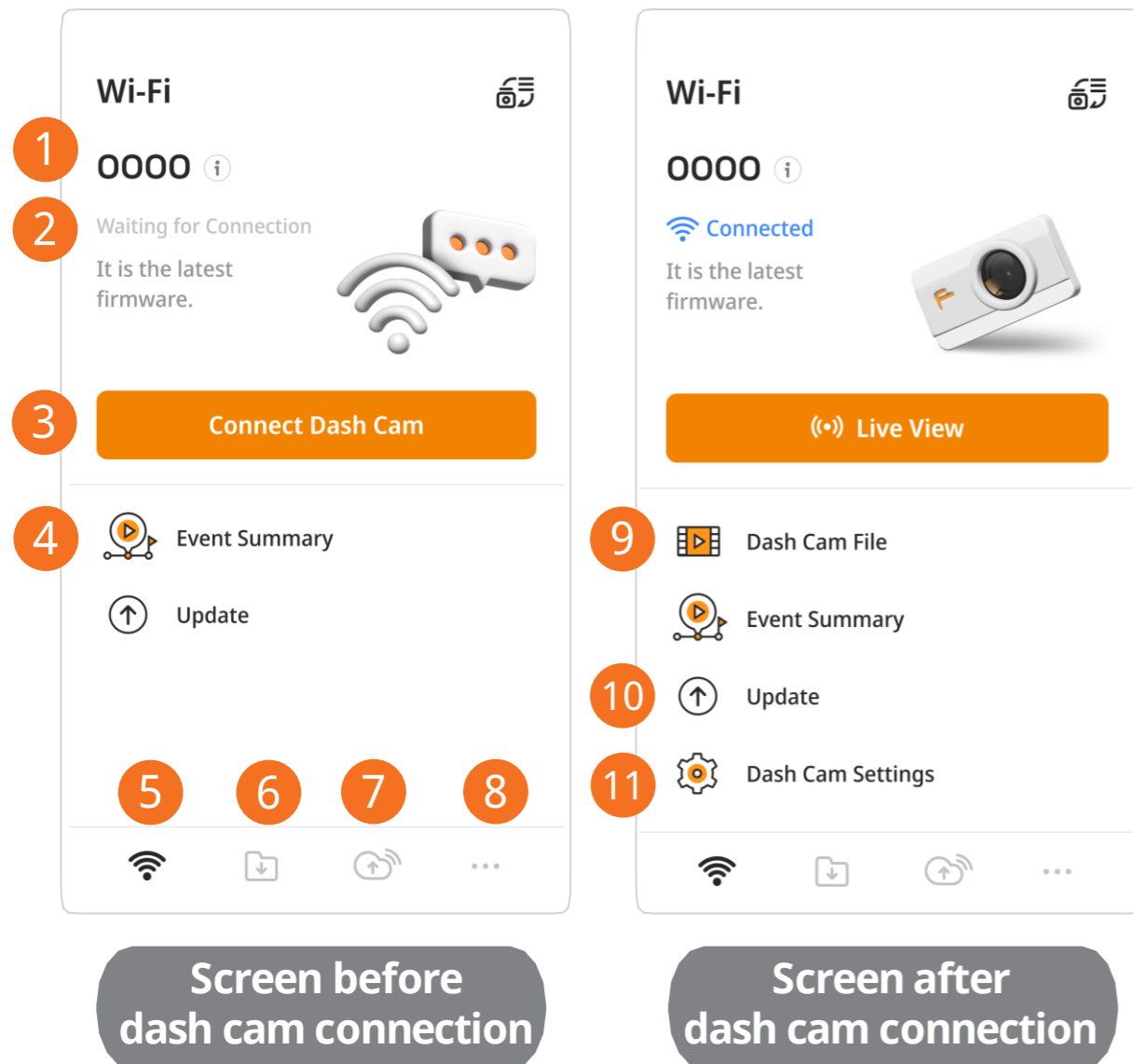
## Reconnection

After registering the device for the first time, fast reconnection is possible by Tapping the **Connect Dash Cam** button from the home screen.



# Using the Wi-Fi Feature

## Wi-Fi Home Screen



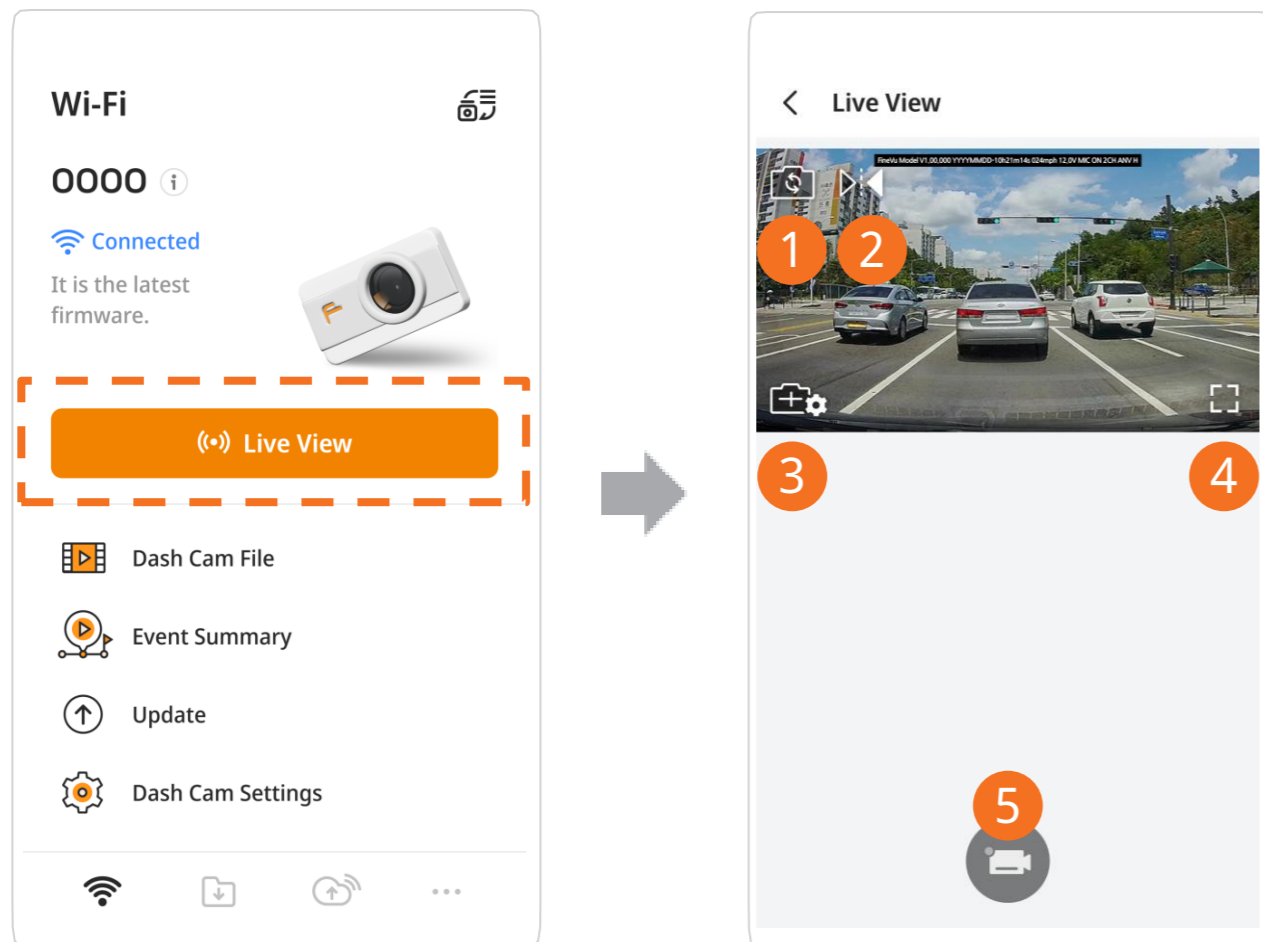
No.	Description of Functions
①	Shows the device model names registered in the app, and adds/deletes devices.
②	Shows whether or not it is connected to the dash cam.
③	If not connected to the dash cam: This feature connects the app to the dash cam. If connected to the dash cam: This feature displays a live video feed of the connected dash cam.
④	Shows or updates the versions of the Speed Camera and firmware.
⑤	Redirects to the Wi-Fi home screen, from which you can use Wi-Fi-supported devices.
⑥	Shows the videos that were downloaded to storage from the Wi-Fi playlist.
⑦	This model does not support cloud features.
⑧	Shows the app's notifications, date display format, version, terms and conditions for use and Help.
⑨	Shows or shares downloaded videos.
⑩	Shows the app's notifications, date display format, version, terms and conditions for use and Help.
⑪	Changes settings for the connected dash cam.



- When the dash cam is not connected, certain functions such as real-time images and dash cam files are disabled.

## Live View (For real-time video feed)

On the Wi-Fi home screen, Tap the **Live View** button. The front and rear views of the vehicle can be viewed in real time.



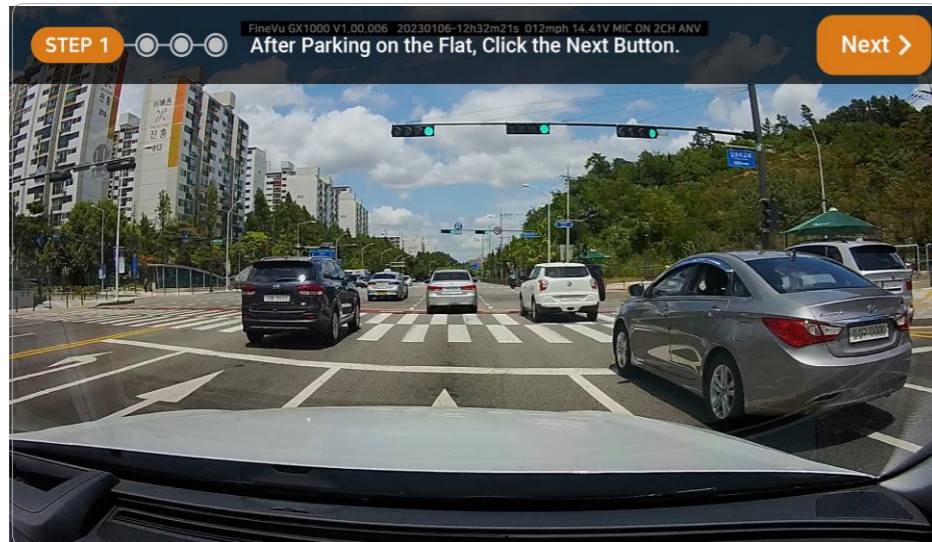
No.	Function
①	Switches the live view screen between front view and rear view modes.
②	Switches the live view screen between left and right sides.
③	Sets the dash cam angle.
④	Switches to full screen mode.
⑤	Performs emergency recording and saves it.



- When the dash cam is not connected, these functions will not be provided.

• **Installation Angle Guide**

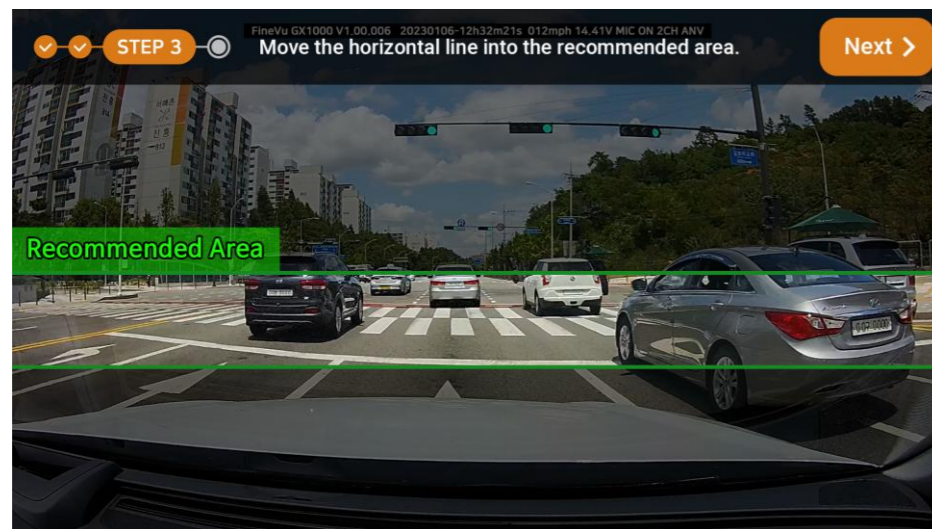
You can set the mounting angle by tapping the (  ) icon on the real-time video screen.



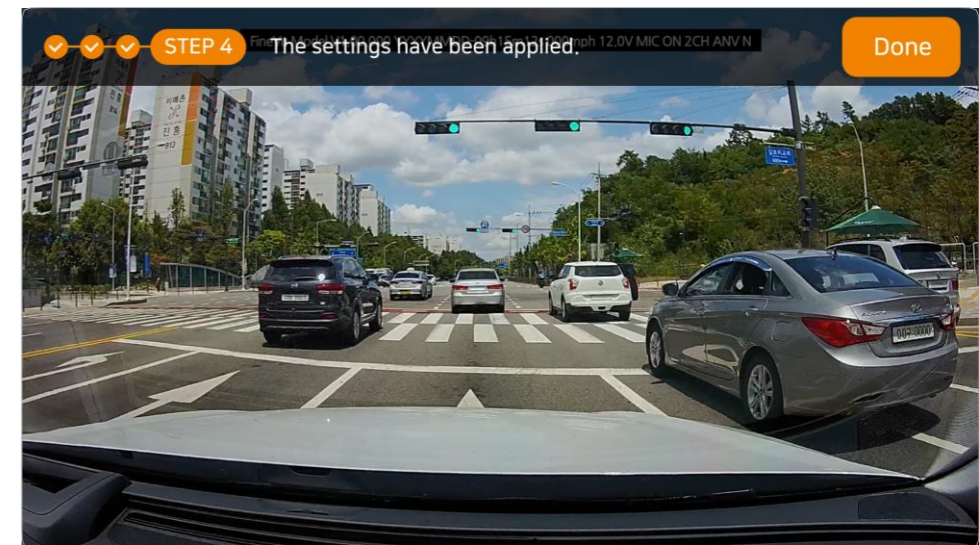
1. Pull over the car, on a flat section of road, and Tap **Next**.



2. Choose the appropriate vehicle type.



3. Adjust the angle of the front camera to align the horizon into the green area provided on the app screen.



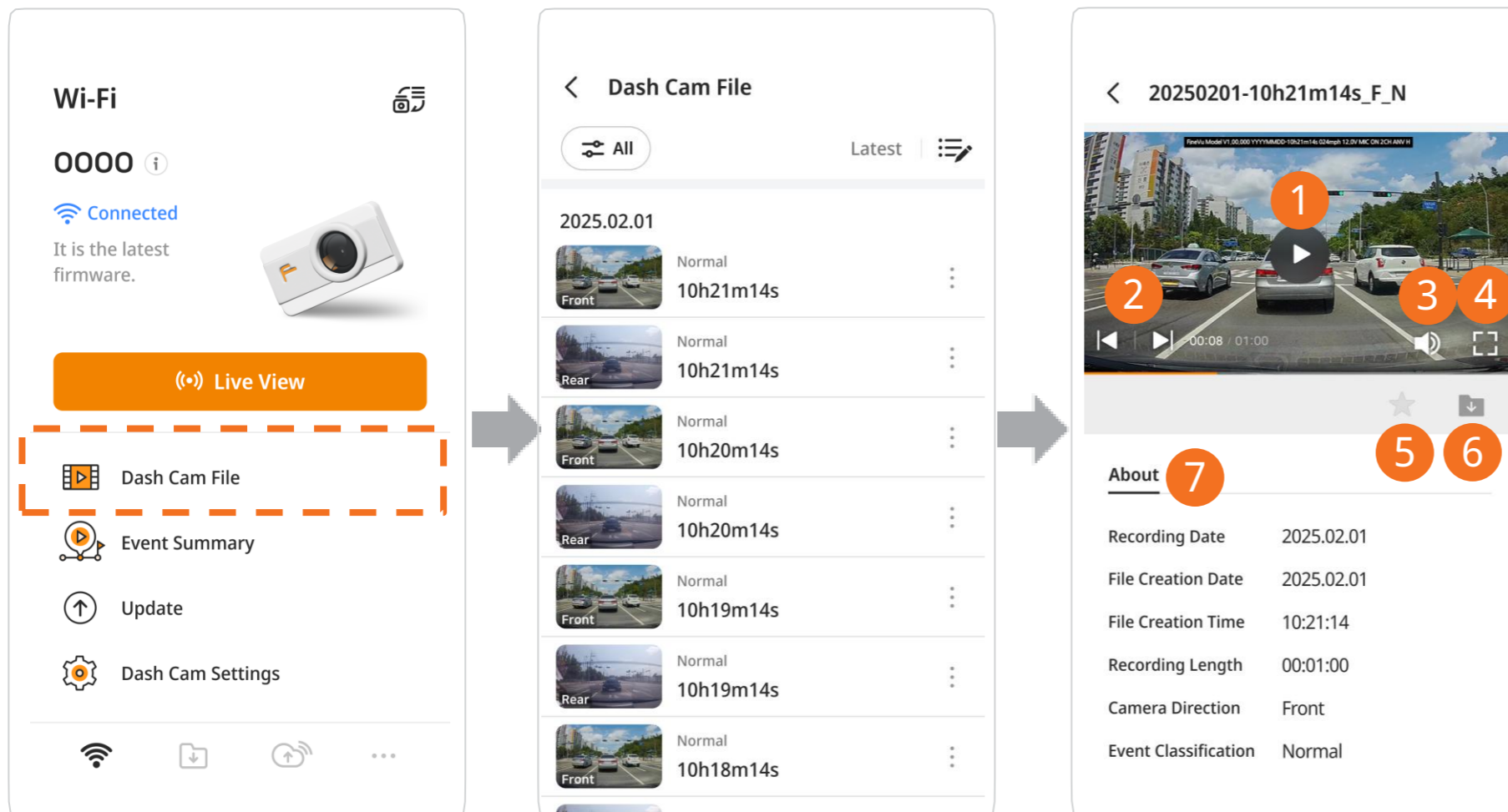
4. The settings have been applied.



- When the dash cam is not connected, those functions are not provided.
- It is recommended to set up for ADAS accuracy.
- When setting the mounting angle, set it in a safe place that avoids interference from nearby vehicles.

## Dash Cam File (For playback of recorded videos)

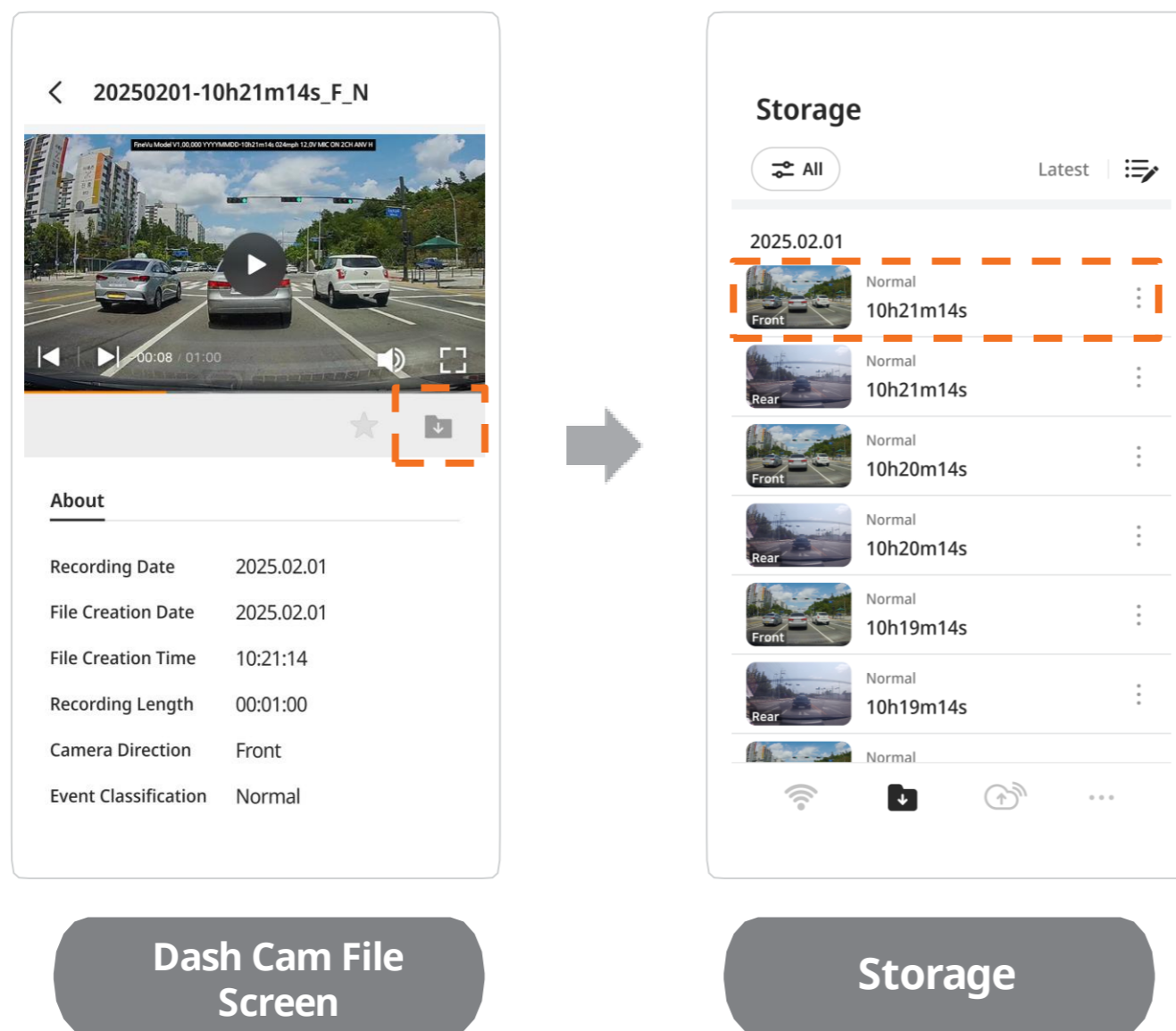
On the Wi-Fi home screen, Tap the **Dash Cam File** button. The screen displays the recorded videos by date and type.



No.	Description of Functions
①	Plays the current video
②	Goes to the previous or next video.
③	Turns on or off the audio of the current video.
④	Switches to full screen mode.
⑤	Adds the current video to the bookmarks list.
⑥	Saves the current video to the storage
⑦	Views details about the current video.

## Storage

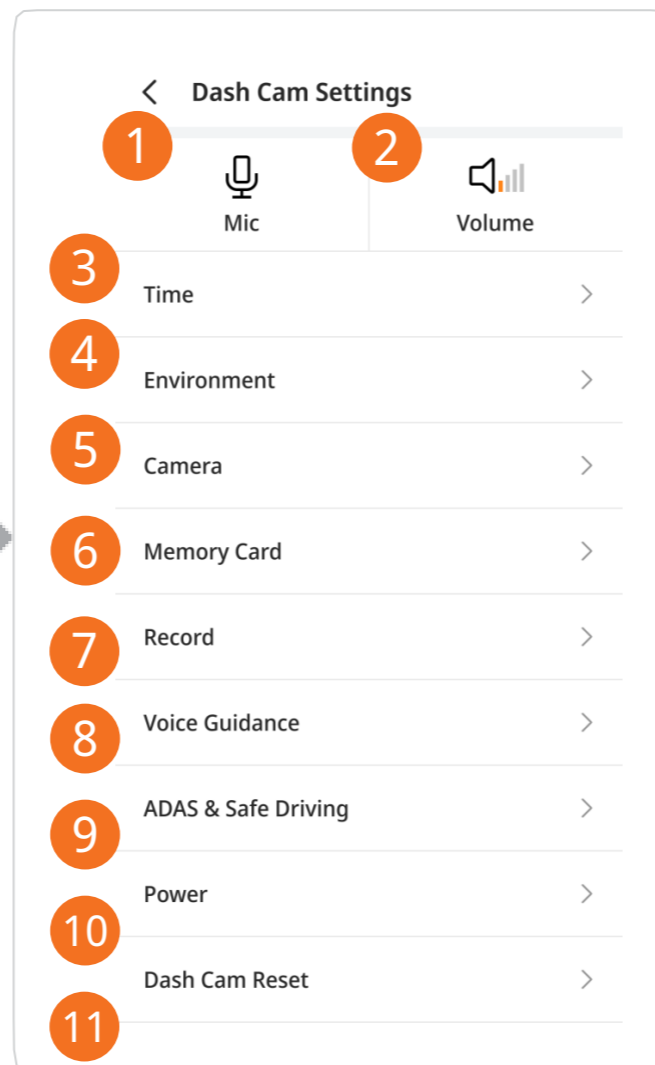
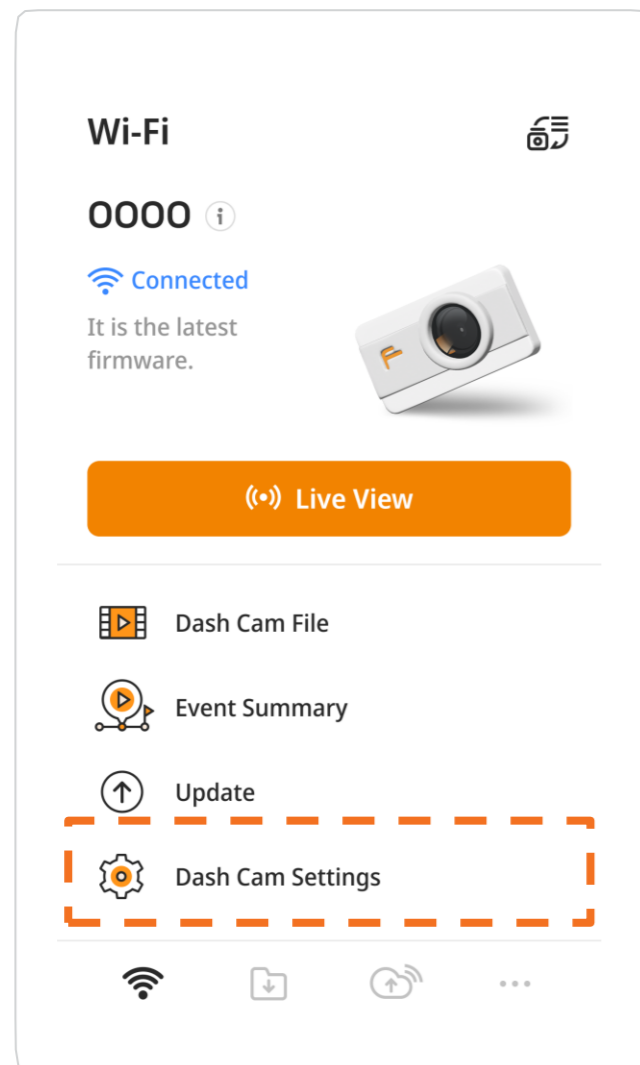
With the dash cam connected, select videos from the list on the “Dash Cam File” screen, and download the videos to the storage. Collect downloaded videos in the storage, and view them from the same screen.



- When playing an original video file saved in the micro SD card, speed/ impact information and the map are displayed.

## Settings

Tap the **Dash Cam Settings** button on the main screen. You can select the menu you want and adjust the settings.





No.	Functional Description
①	Mic ON/OFF
②	Volume setting (Total 5 levels - 0~4)
③	Time setting
④	Environment setting
⑤	Camera setting
⑥	Memory card setting
⑦	Recording setting
⑧	Voice guidance
⑨	ADAS& Safe driving assistant setting
⑩	Power setting
⑪	Reset dash cam setting

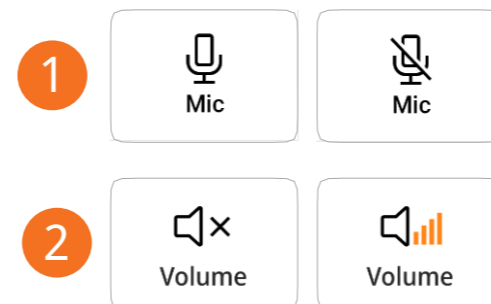
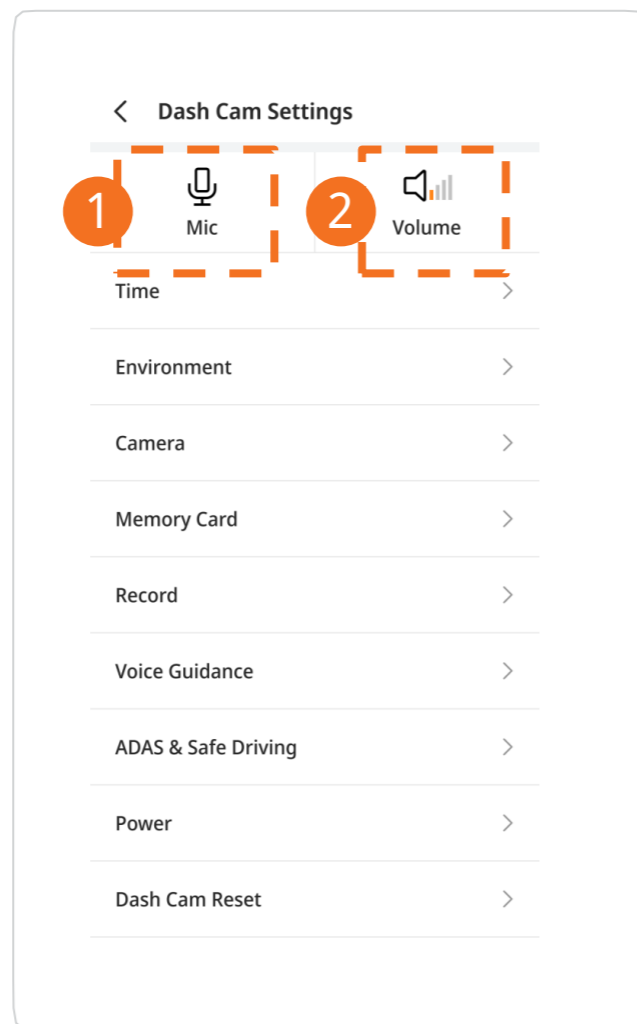


- When the dash cam is not connected, these functions are not available.
- When you change the dash cam setting, the memory card may be initialized, and a pop-up appears over the app during initialization. Please pay attention to that pop-up.

• **Mic / Sound**

By tapping the [Dash Cam Settings ▶  ], you can switch the voice recording function ON/OFF, like **1** during video recording.

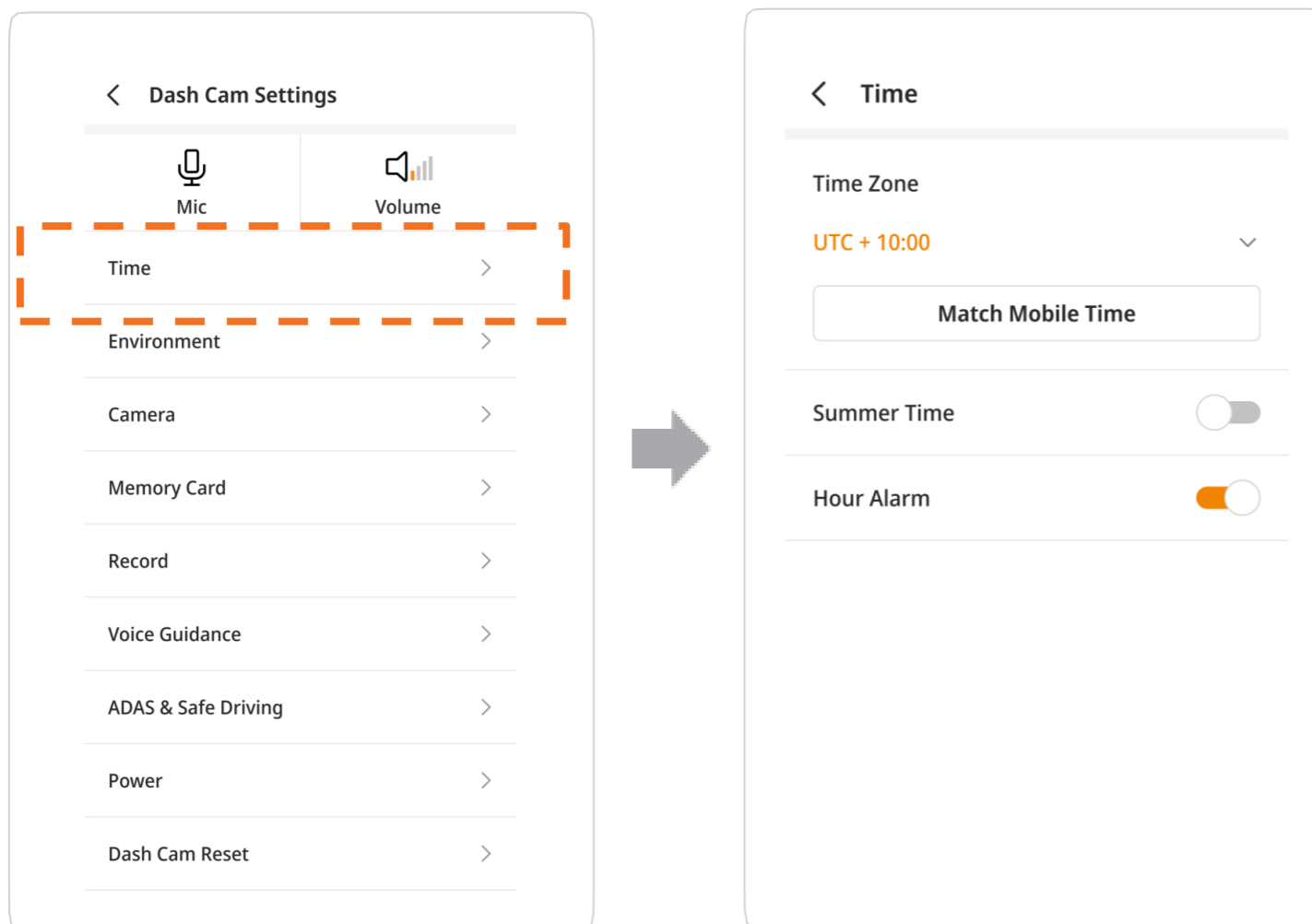
By tapping the [Dash Cam Settings ▶  ], you can adjust the sound volume of the dash cam guide sound and guide message in 5 levels from 0 to 4.



• Time

By tapping the [Dash Cam Settings ► Time], you can set the UTC time zone, Hour alarm, and Summer time setting ON/OFF.

(You can set UTC from -12 to +14.)



Region	UTC time zone
LA Vancouver	-8
Denver	-7
Chicago Mexico City	-6
New York Washington, D.C.	-5
London	0
Berlin Rome Warsaw	+1
Jerusalem	+2
Moscow	+3
Beijing Taipei	+8
Seoul Tokyo	+9
Sydney	+10

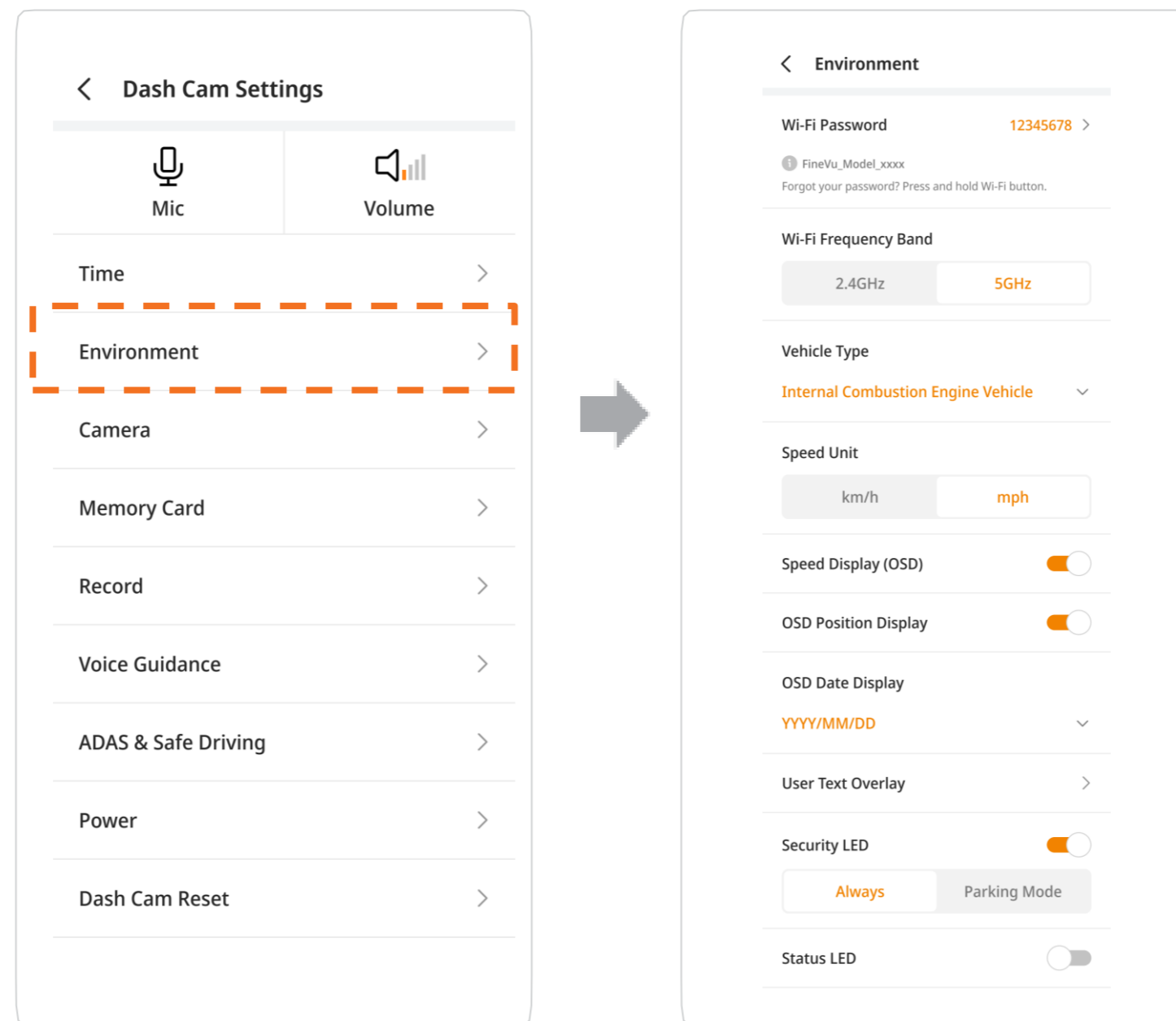
UTC Guide

- The UTC Guide is for reference, so set the correct UTC time zone for your area of residence or use.
- 'Match Mobile Time' includes UTC settings.
- If you set the UTC, the time changes after receiving the GPS signal.
- If you select the UTC Change button on the main screen, the screen moves to the Time Settings screen.



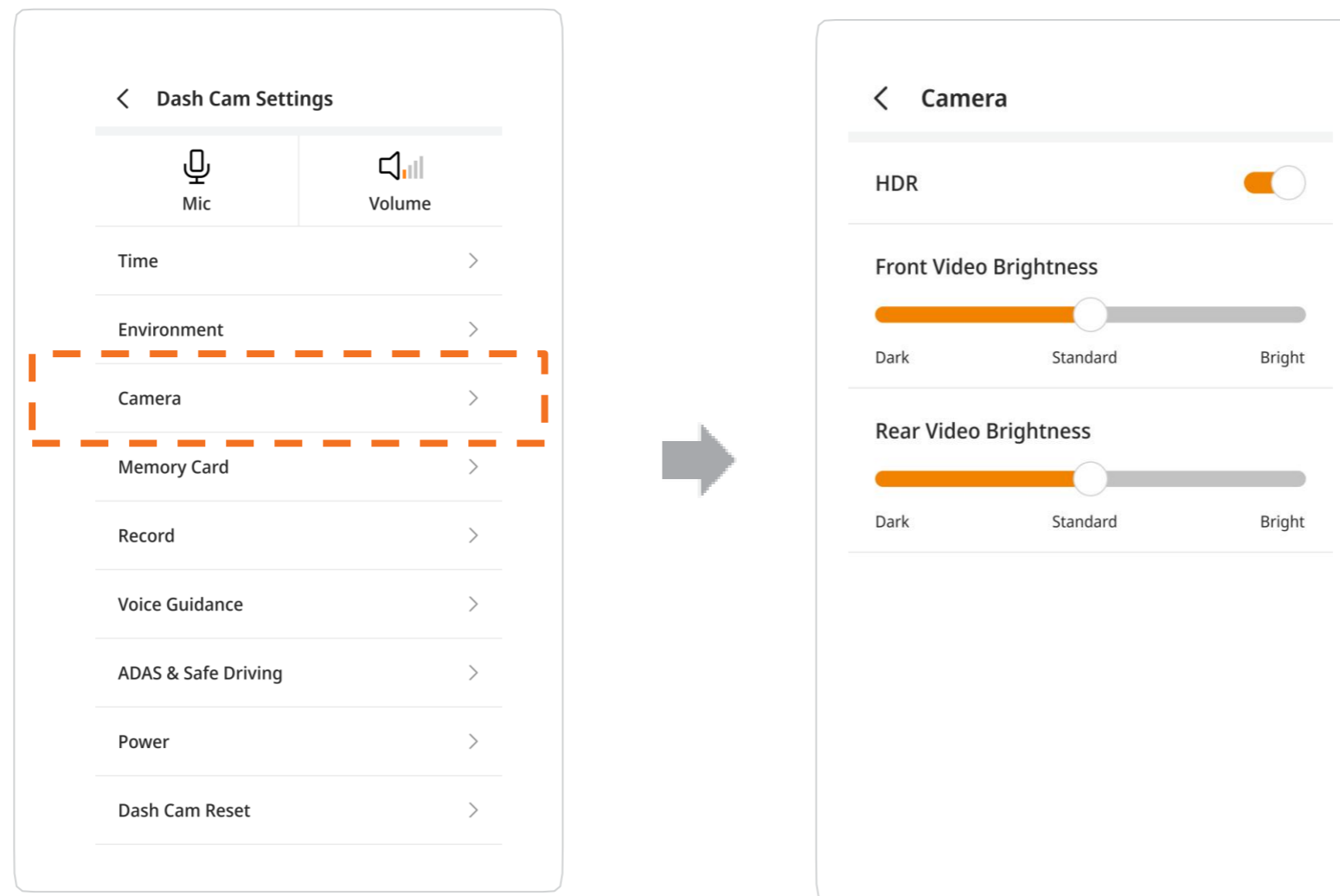
• **Environment**

By tapping [Dash Cam Settings ► Environment], you can set the Wi-Fi password, Wi-Fi Frequency Band, Speed Unit, OSD speed display, User text overlay, security LED ON/OFF, status LED brightness, and GPS in parking mode control.



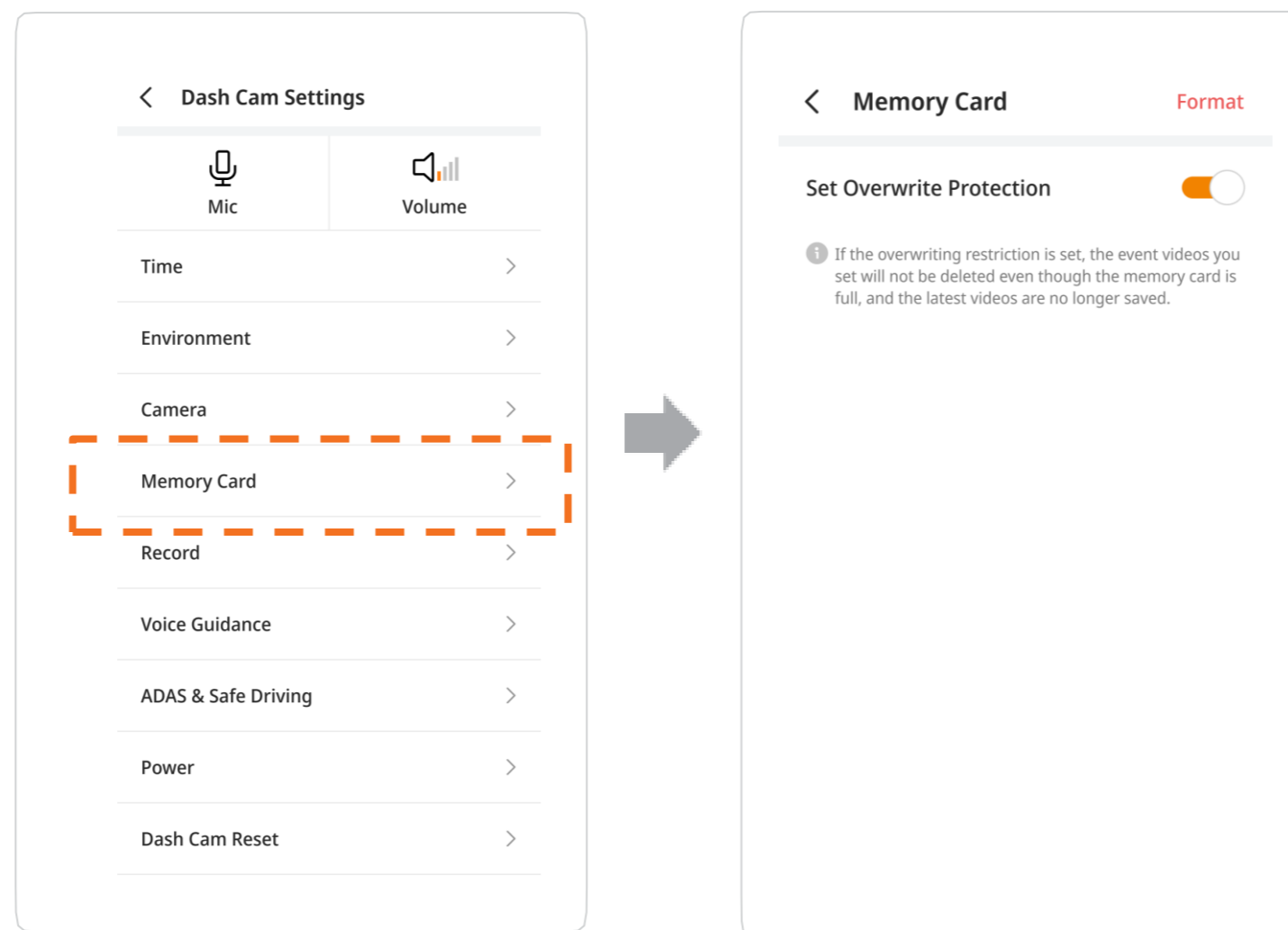
- **Camera**

By tapping [Dash Cam Settings ► Camera], you can turn HDR ON/OFF, Auto Night Vision, and adjust the brightness of the front camera and rear videos.



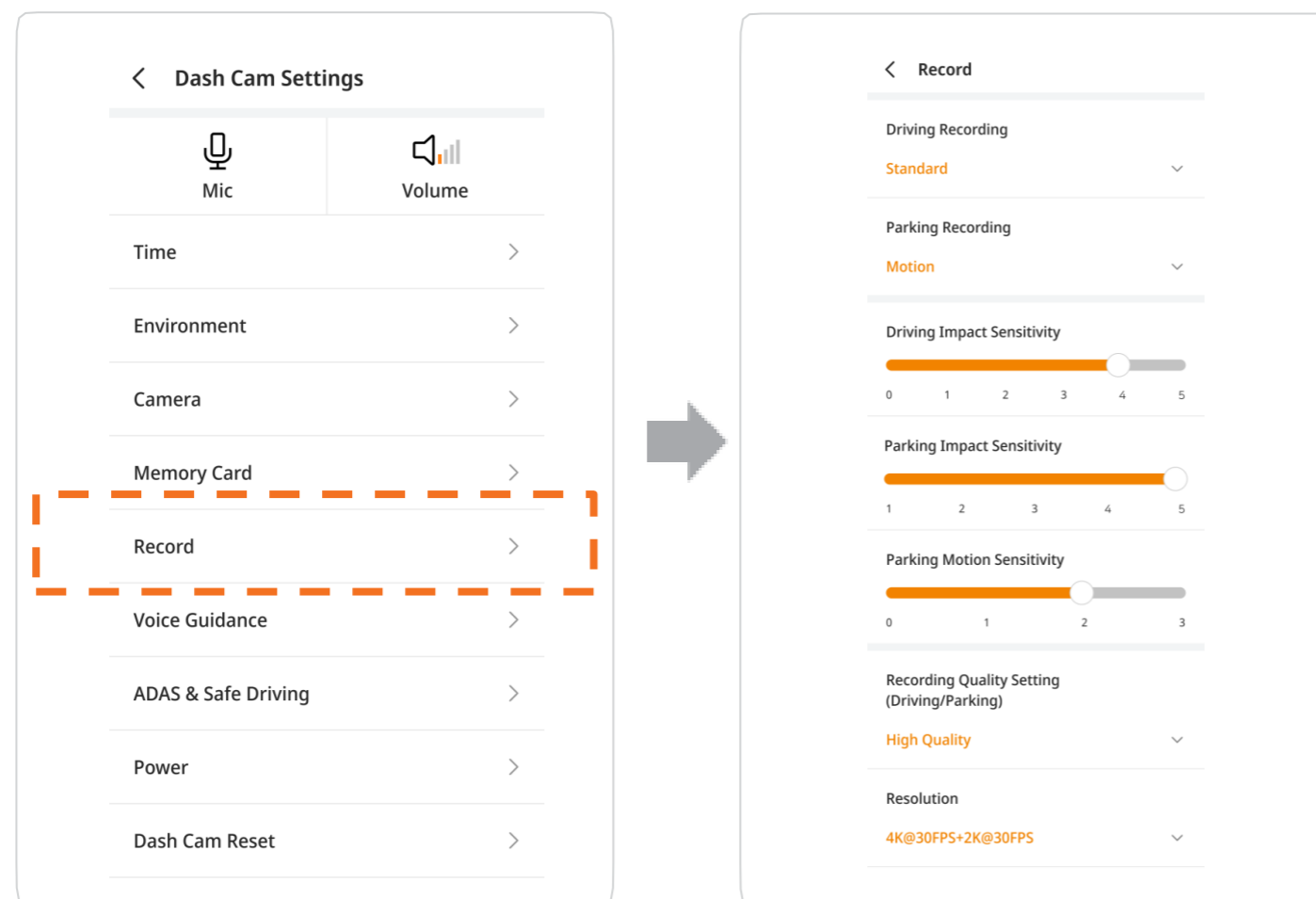
- **Memory Card**

By tapping [Dash Cam Settings ► Memory Card], you can check the storage of the Micro SD card and format the memory card.



• Record

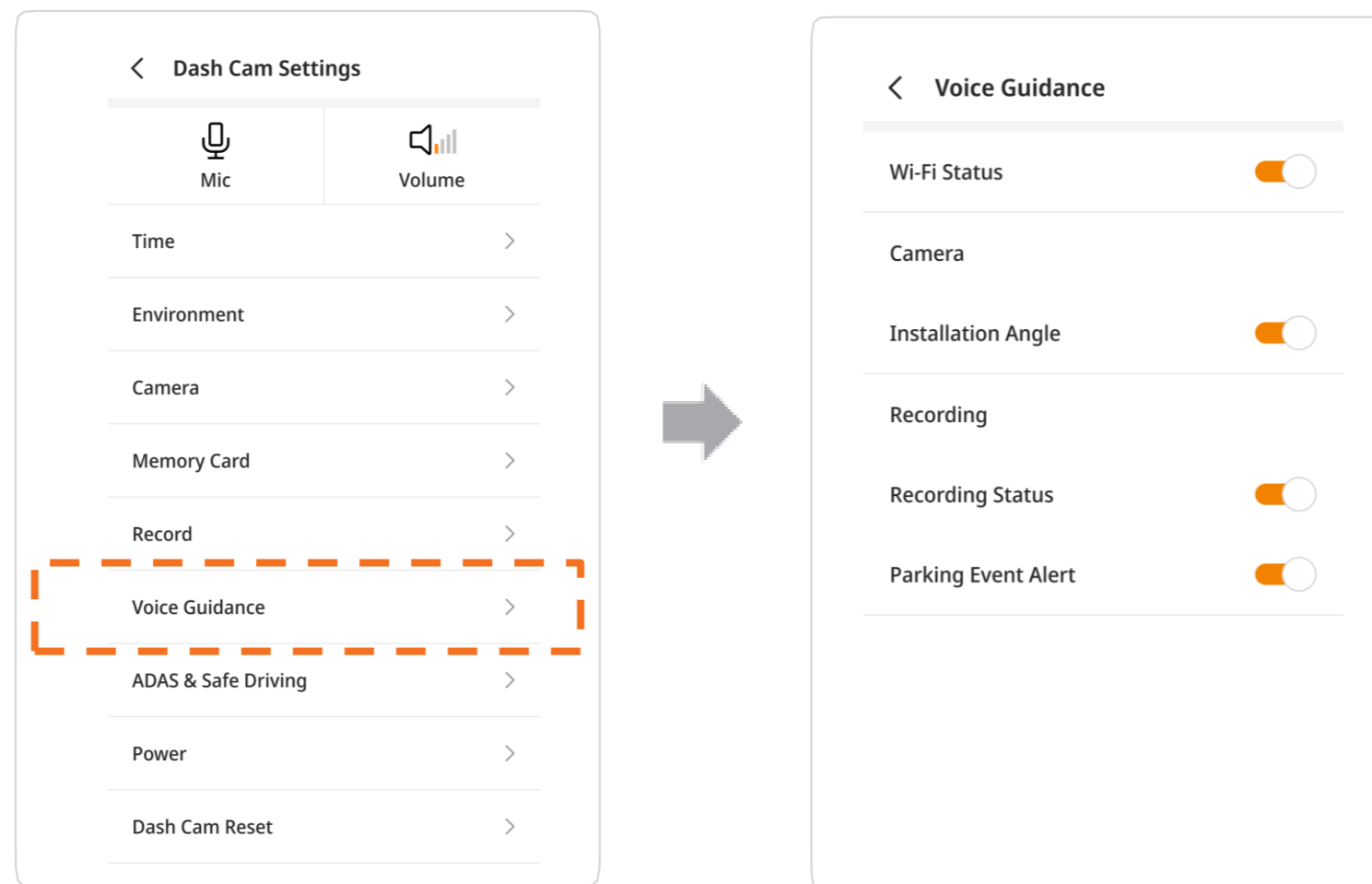
By tapping [Dash Cam Settings ► Record], you can set the recording type for driving and parking recording, impact sensitivity, motion sensitivity, recording quality setting for driving and parking recording, and the resolution.



Setting Screen	
Driving Recording	Standard / Smart Time Lapse / 15FPS
Parking Recording	OFF / Motion / Smart Time Lapse / 15FPS / Power Saving
Driving Impact Sensitivity	0-5
Parking Impact Sensitivity	1-5
Parking Motion Sensitivity	0-3
Recording Quality Setting (Driving/Parking)	Standard / High Quality / Super High Quality
Resolution	4K@30FPS+2K@30FPS / 2K@60FPS+2K@30FPS

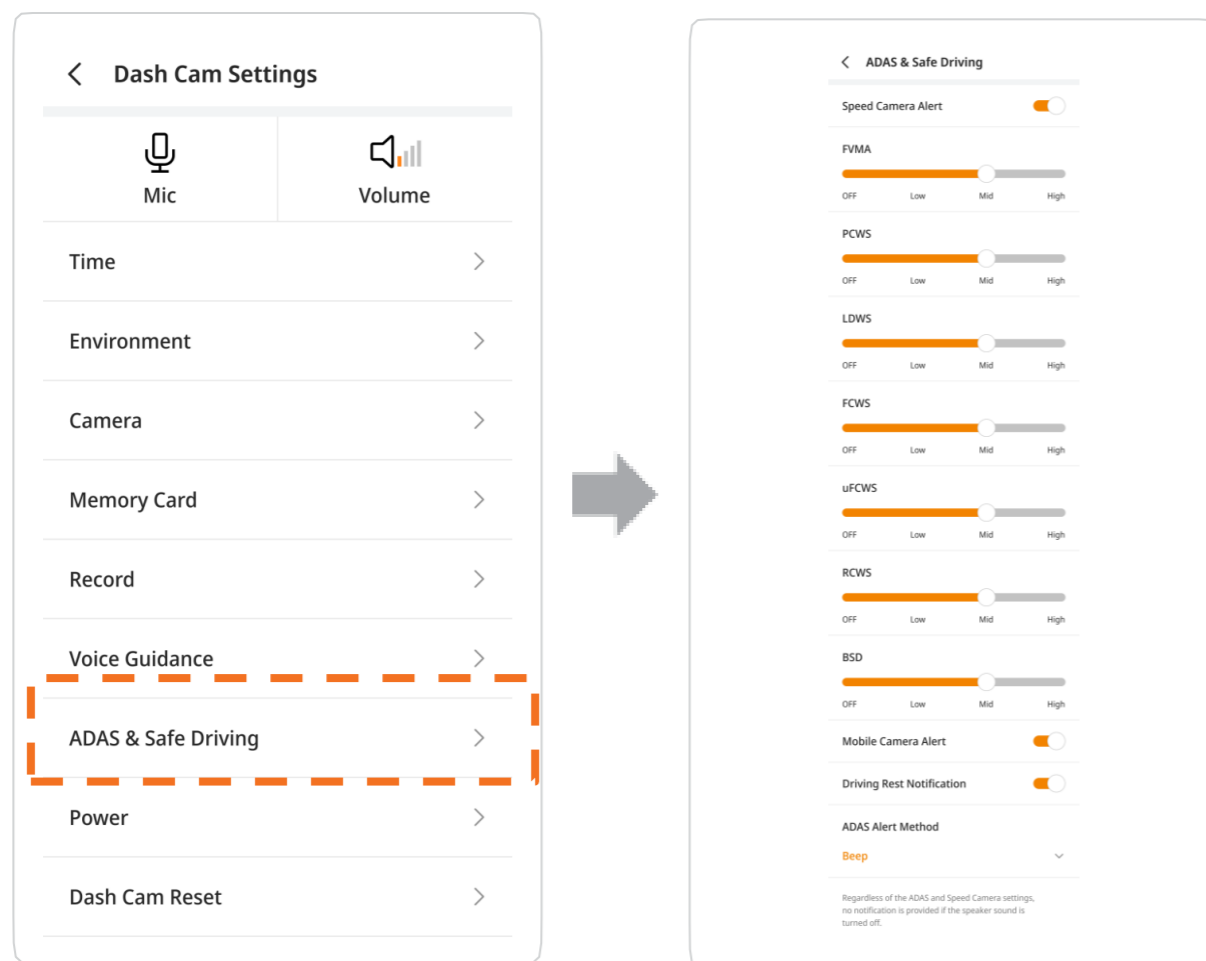
- **Voice Guidance**

Through the [Dash Cam Settings ► Voice Guidance], you can configure recording voice guidance, such as Wi-Fi Status, camera, etc.



• **ADAS & Safe Driving**

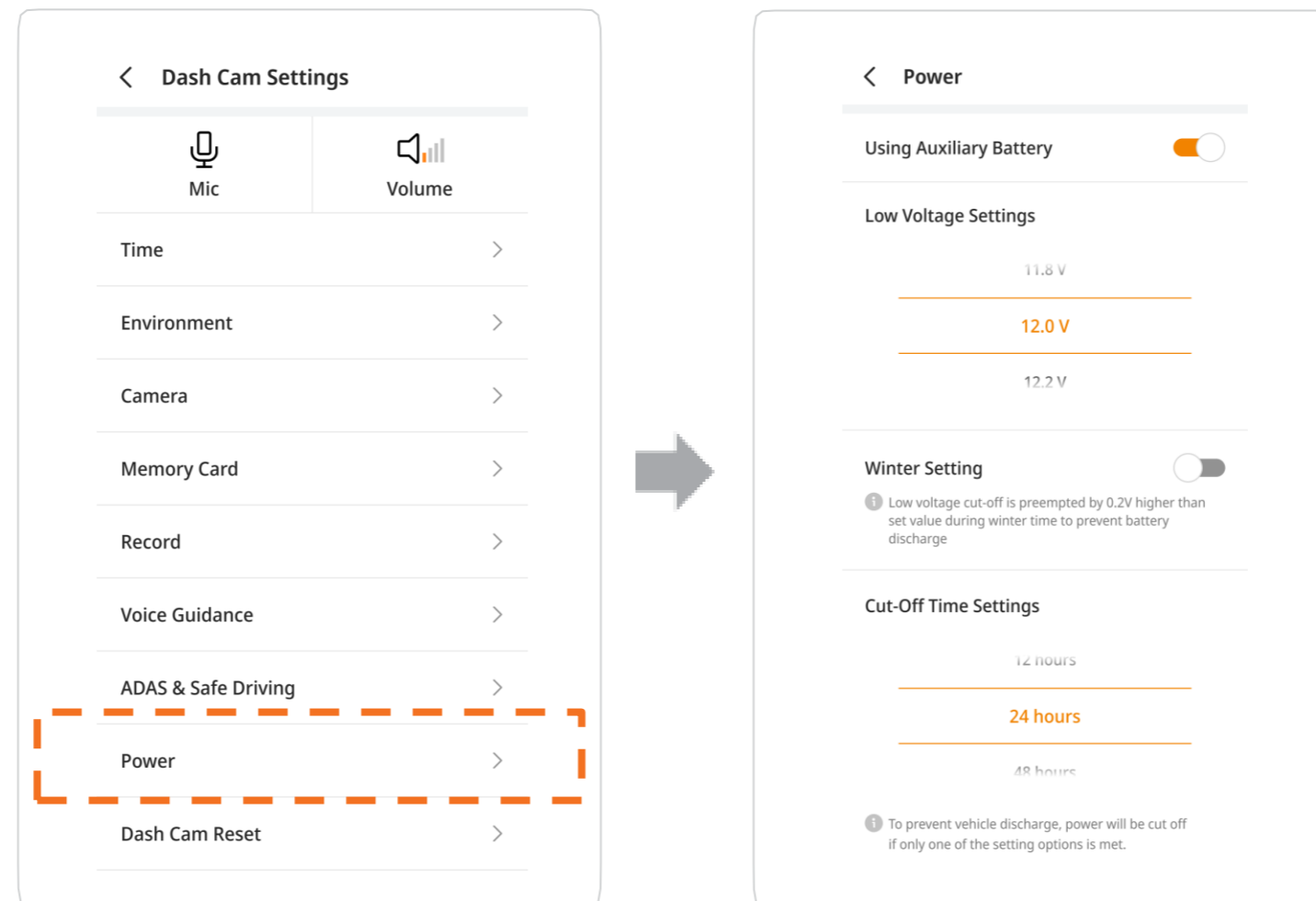
Through the [Dash Cam Settings ► ADAS & Safe Driving], you can configure ADAS, Driving Rest notification, and ADAS alert method.



ADAS	
FVMA	Front Vehicle Moving Alert
LDWS	Lane Departure Warning System
FCWS	Forward Collision Warning System
uFCWS	Urban Front Collision Warning System
PCWS	Pedestrian Collision Warning System
BSD	Blind Spot Detection
RCWS	Rear Collision Warning System

• **Power**

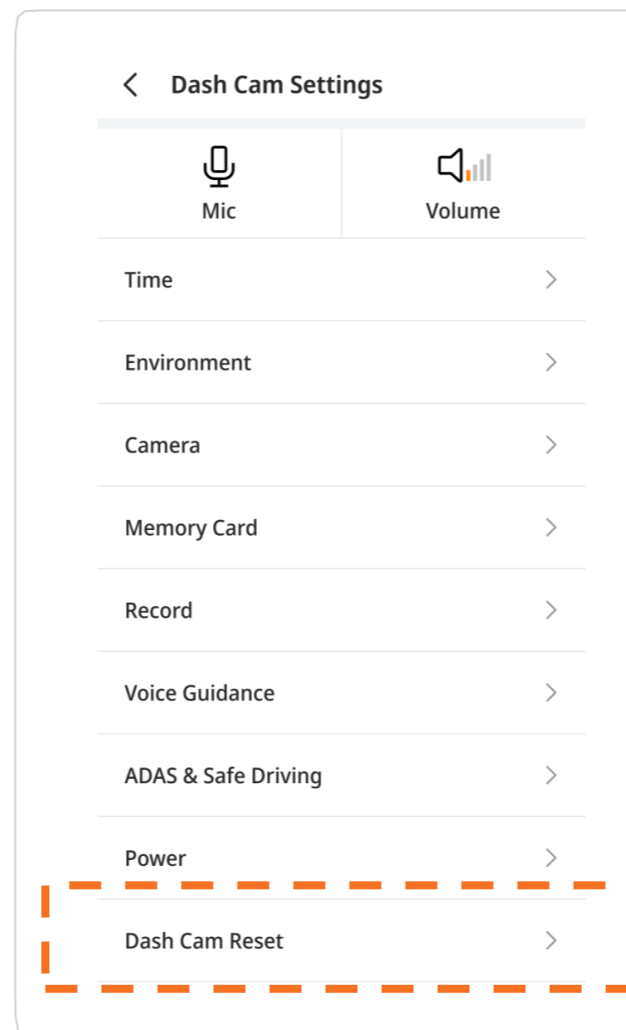
Through [Dash Cam Settings ► Power], you can set using auxiliary battery ON/OFF, low voltage, and cut-off time.



• Set the low voltage settings appropriate for your vehicle model. Otherwise, the vehicle may be discharged.

- **Dash Cam Reset**

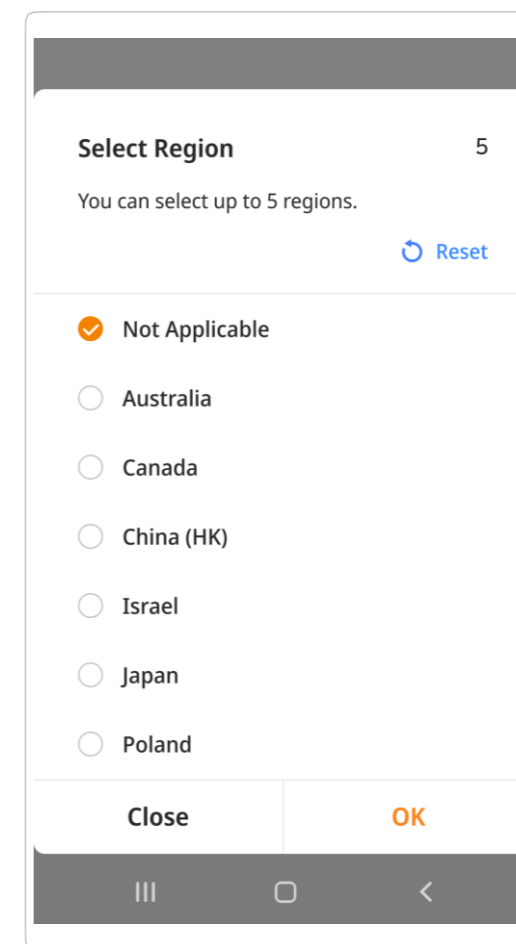
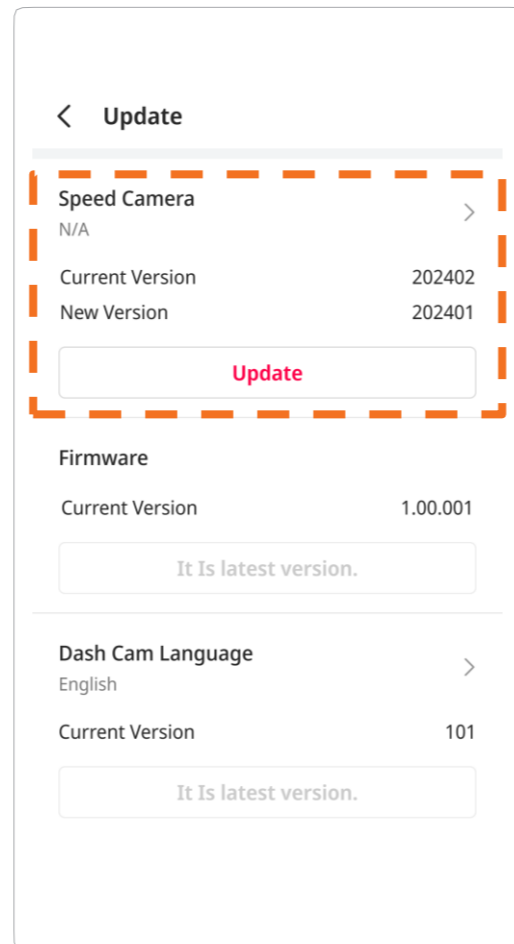
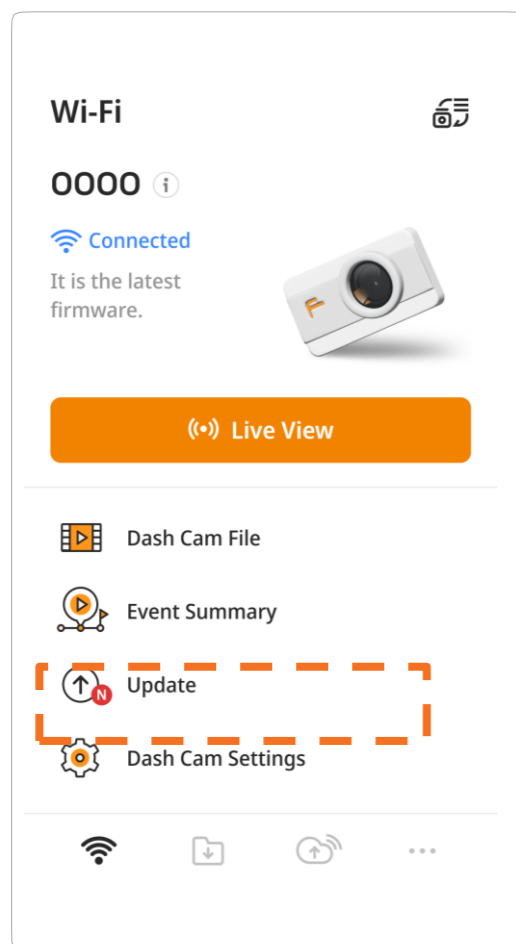
By tapping [Dash Cam Settings ► Dash Cam Reset], you can reset the dash cam setting and the memory card.



- If you change the memory allocation to a value other than the default value, the memory card will be formatted. Please ensure that you have saved any important videos to a separate device before proceeding.

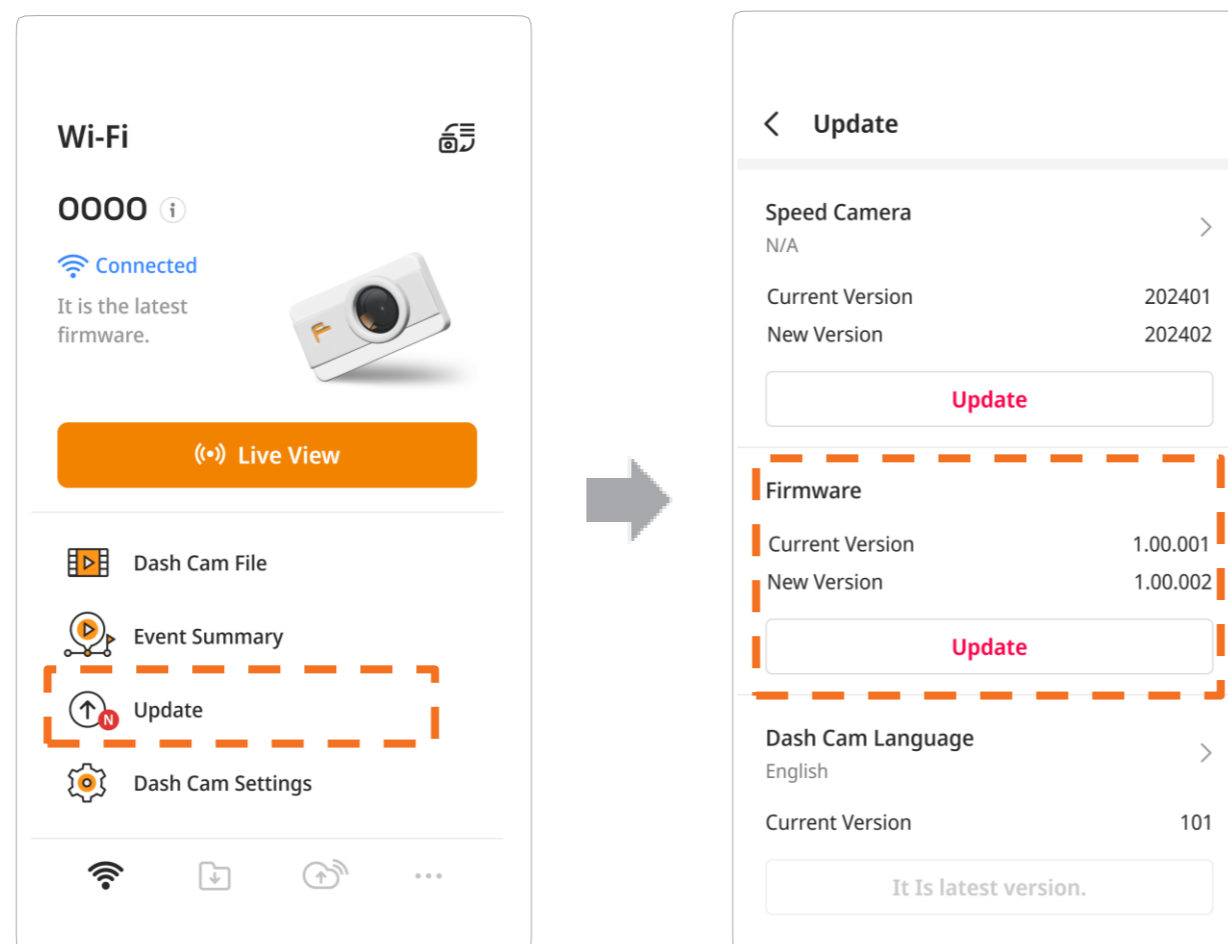
## Changing the Speed Camera region

With the dash cam connected, tap the **Update** button on the Wi-Fi home screen. Use the displayed update screen to change or reset the Speed Camera region.



## Updating the Firmware from app

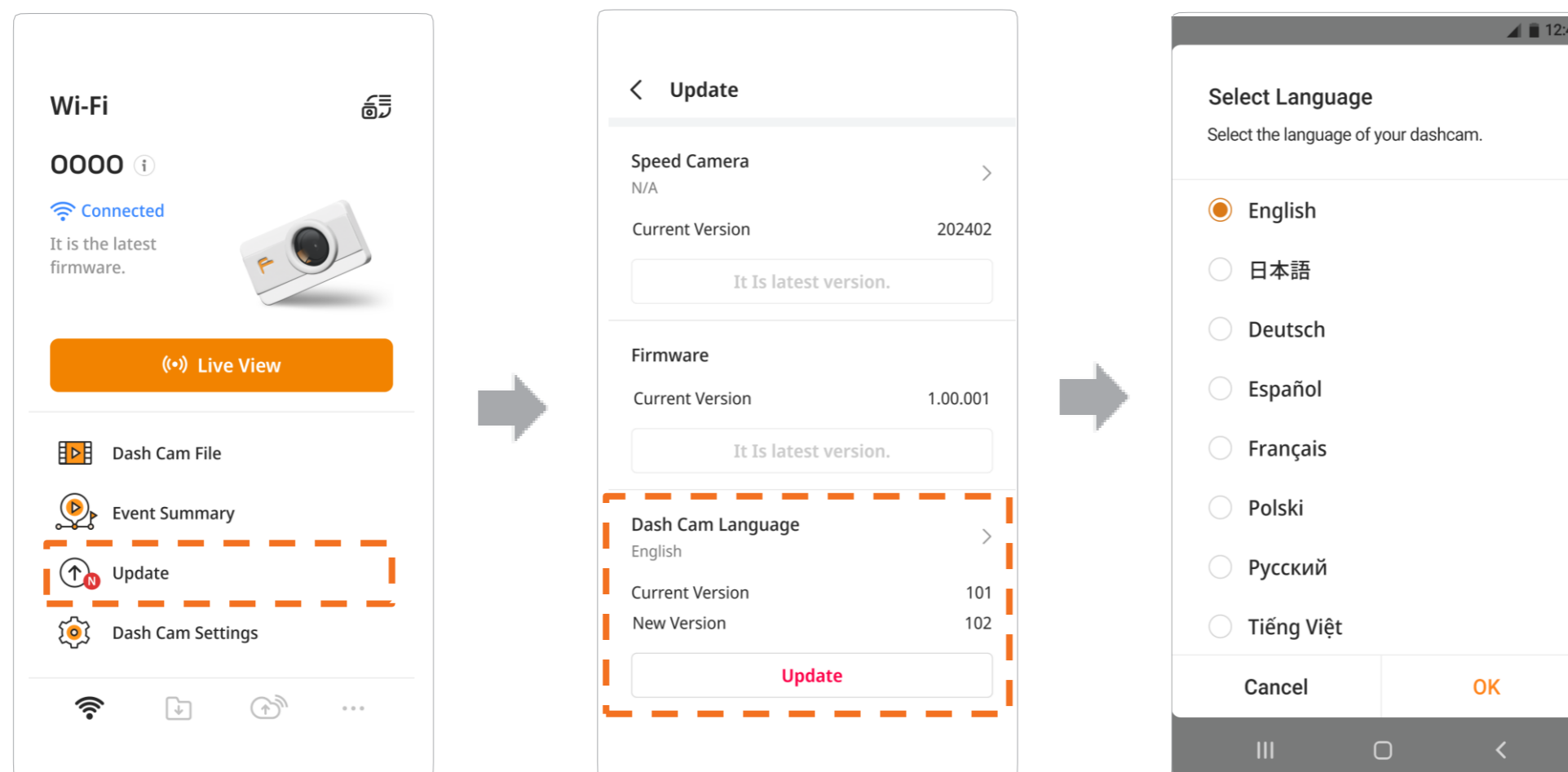
With the dash cam connected, navigate to the Wi-Fi screen, and Tap the **Update** button. The screen displays the versions of the Speed Camera, firmware, dash cam language, and app for the connected dash cam. Tap the **Update** button to proceed updating. The **Update** button does not appear if the latest versions are installed.



- When there are new updates, you will be notified through a pop-up when connected to the dash cam, and you can proceed with the update by tapping the **Update**.
- The update notification pop-up may not appear depending on factors in the environment, such as the connection status.

## Changing the device language

With the dash cam connected, tap the **Update** button on the home screen. Use the displayed update screen to change or update the dash cam's voice assistant language.



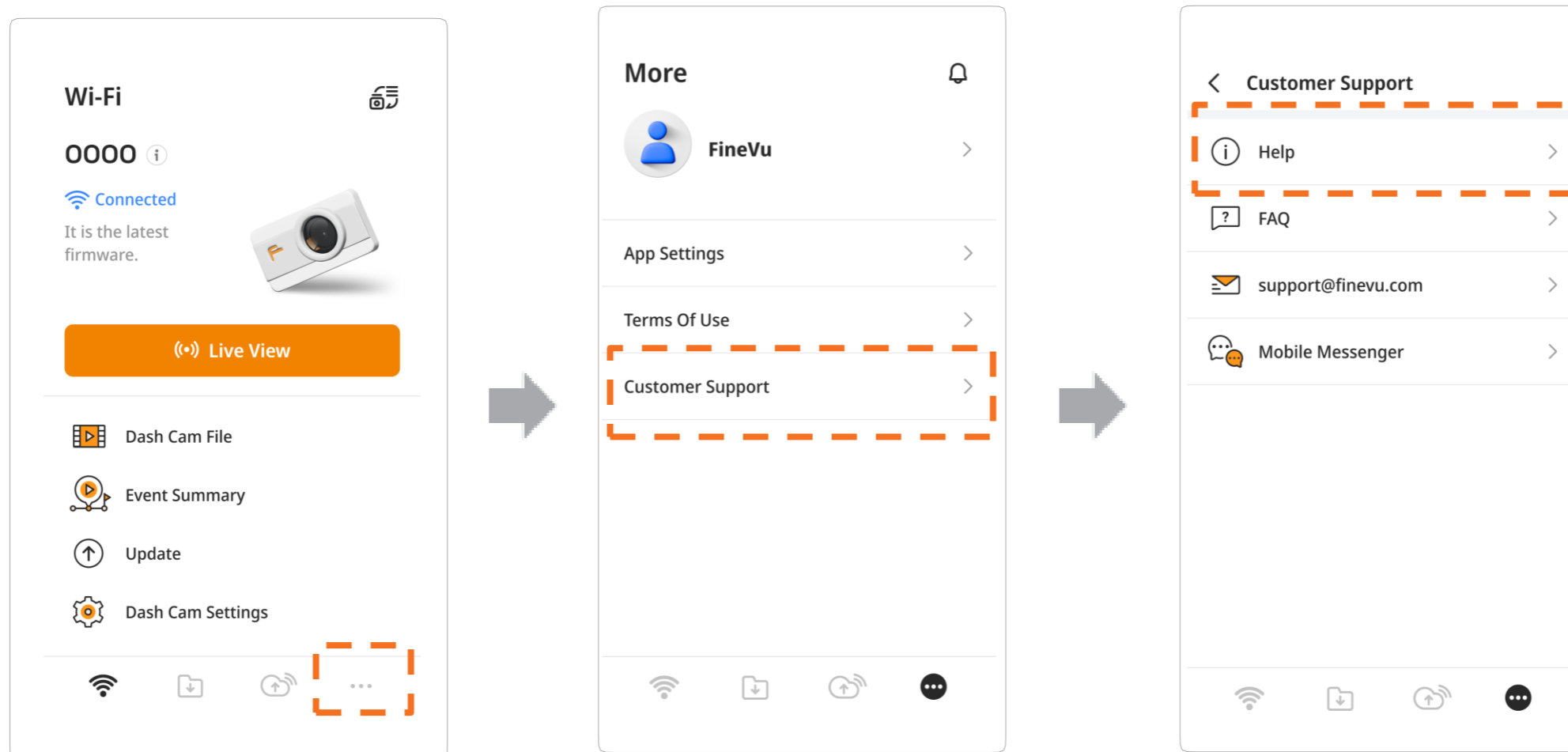
- When the dash cam language is changed, the dash cam reboots.
- In addition to the dash cam language, the app language may be changed depending on your smartphone settings.

## Help

At the bottom right of the home screen, tap the “More” icon.

On the “More” screen, navigate to “Customer Support” > “Help” and obtain information as required.

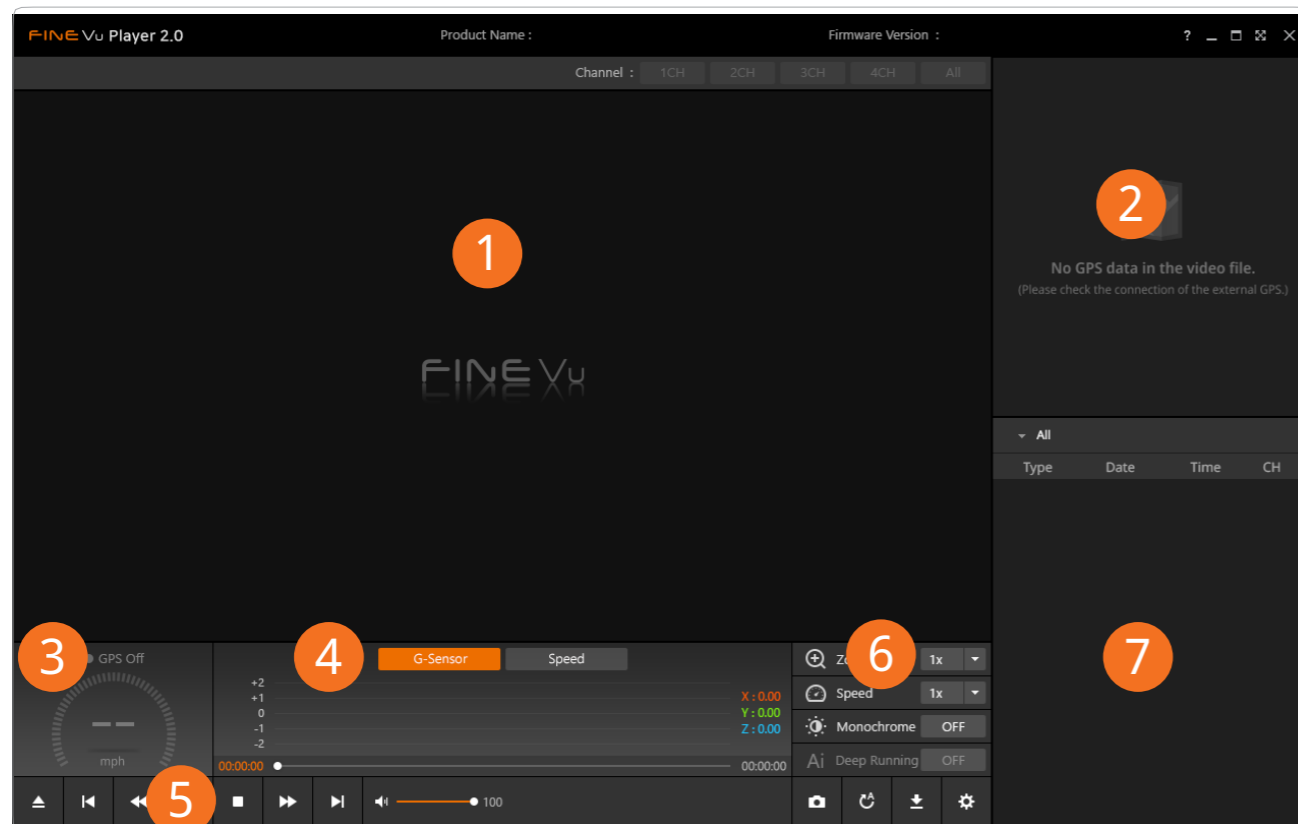
- Information available in the “Help”: How to troubleshoot when the dash cam cannot be connected, information regarding driving scores, etc.



# How to use FineVu player

## Installing & Using the FineVu player

FineVu player is an app that can play the video files recorded by the FineVu dash cam. Please download it via the website and install it.



No.	Function Description
①	The main window in which the recorded video is played.
②	If the recorded video contains GPS information, the location is displayed on the map.
③	If the recorded video contains GPS information, the driving speed is displayed.
④	The G-Sensor value or driving speed is graphed.
⑤	It allows you to load, play, or stop recorded video.
⑥	It allows you to repeat, capture, backup recorded video, and set and update the player.
⑦	It displays a list of recorded videos, administrative districts, etc.

## Recommended specifications for PC

	Recommended Specifications
OS	Windows 11
HDD	300MB
CPU	Intel Dual Core 3.4GHz
VGA	2GB
RAM	8GB
DirectX	DirectX 12
Monitor	1920 x 1080



- FineVu player is available for both Mac and Windows computers.
- It is not recommended to use a player other than FineVu player.

## Checking recorded video on PC

1. Remove the Micro SD card from the product, insert it into the adapter, and connect it to the PC using the reader.  
When connected to a PC, a USB drive or a new disk drive with the product model name is created.
2. Click the folder in the created drive. You can check the list of saved recorded video files.  
When the card connects to the PC, a new volume will appear on the PC desktop.
  - The file name is created based on the date, time, and recording mode that recording started.
3. Click the video file you want to watch. You can play it with FineVu Player which is a dedicated PC viewer, or other media players.  
The recorded video can be played with a commercial player or FineVu player, a dedicated PC viewer.
  - To see the GPS information and G-Sensor information of the recorded video, play it using the FineVu player, a dedicated player.

## Updating firmware from PC

1. Remove the Micro SD card from the product, insert it into the adapter, and connect it to the PC using the reader.  
When connected to a PC, a USB drive or a new disk drive with the product model name is created.
  - It is recommended that Micro SD cards used in other devices be formatted before updating.
2. Download the latest firmware for the product you purchased from the official website (<http://en.FineVu.com> ).
3. Unzip the downloaded firmware and copy it to the root of the Micro SD card.
4. Remove the copied Micro SD card from the adapter and reinsert it into the product.
5. Turn on the vehicle (ACC On) or start the engine to turn on the product. The firmware update will run automatically.
  - When the firmware update is successfully completed, the product automatically reboots.




· When inserting or removing a Micro SD card, please refer to [‘How to Install’](#) on the previous page.

## Product Specifications and Size

Item	Specifications	Remarks
<b>Model Name</b>	FineVu GX1600	
<b>Size / Weight</b>	Front: 119 x 62 x 32mm / 172g (4.7 x 2.4 x 1.3" / 6.0 oz) Rear: 63.7 x 29 x 35.5mm / 23g (2.5 x 1.1 x 1.4" / 0.8 oz)	Weight includes the cradle
<b>Supportive Capacity</b>	Micro SD card    32GB / 64GB / 128GB / 256GB	Class 10 or above, SDXC support
<b>Recording Type</b>	Driving Recording (Standard, Impact Detection), Manual Recording, Parking Recording (Motion Detection, Impact Detection, Power Saving Parking)	
<b>Lens</b>	Front: 4K UHD Wide-Angle Rear: Quad HD Wide-Angle	
<b>Image Sensor</b>	Front: 8M pixels CMOS Image Sensor (1/1.8") Rear: 5M pixels CMOS Image Sensor (1/2.8")	
<b>Angle of View</b>	Front: 146 degrees diagonal, 125 degrees horizontal, 68 degrees vertical Rear: 135 degrees diagonal, 97 degrees horizontal, 69 degrees vertical	The angle of view measurement standards and notation methods may differ depending on the manufacturer.
<b>Video</b>	Front: 3840x2160@30fps Rear: 2560x1440@30fps	
<b>Voice</b>	Built-in microphone	
<b>Speaker</b>	Built-in speaker	

Item	Specifications	Remarks
<b>Acceleration Sensor</b>	3-axis acceleration sensor	+2g / -2g
<b>Input Power</b>	DC 12V-24V	
<b>Battery</b>	Super capacitor	When external power is turned off, power supply for safe video storage
<b>Power Consumption</b>	Approx. 4.8W (In Parking Motion mode) Approx. 0.009W (In Power Saving Parking Mode)	2CH, GPS ON
<b>Temperature</b>	Operation Temperature: -10°C ~ 60°C ( 14 ~ 140 °F) Storage Temperature: -20°C ~ 70°C ( -4 ~ 158 °F)	
<b>Interface</b>	Power port, Rear camera connection port, Micro SD card slot, Button (REC/PWR, VOL), Security LED, Status LED, Speaker	
<b>Features</b>	FineVu CLOUD & Wi-Fi app, ADAS (FVMA, FCWS, LDWS, PCWS, uFCWS, BSD(R), BSD(L), RCWS), Speed Camera Alert, Front/Rear Cam. Brightness Setting, User Text Overlay, Smart Time Lapse, Hour Alarm, Driving Rest Guide, Low Voltage Cut-Off (Winter Season), Resolution Setting, Security LED Setting, Installation Angle Guide, Power Saving Parking Mode, GPS Speed Unit Display, 1CH Recording	Vehicle speed, ADAS, and Speed Camera Alert work only when the GPS is receiving.
<b>Regulatory Compliance</b>	R-R-FDK-FineR075 Model Name: FineVu GX1600 Manufacturer: FINEDIGITAL Inc. Year of Manufacture: Marked separately Certified Trade Name: FINEDIGITAL Inc. Name: Drive Recorder Country of Manufacture: South Korea	Passed the KS C 9990 (Test for Electromagnetic Compatibility of Automobiles and Internal Combustion Engines)



A good way to  
manage your  
Micro SD card!

### 1 Latest Firmware Update

If you make sure to keep the firmware version up-to-date, you can minimize errors in the dash cam by ensuring the system is stable.

### 2 Regular Recording Check

Recorded videos may be deleted over time, so check the recorded videos regularly and make sure to back up important files.

### 3 Memory Card Warranty

Memory cards are consumables with limited usage due to continuous video recording, so regular inspection or replacement is required.

- The free warranty period for a memory card is 6 months, and if there is a defect in the memory card after that, you will need to purchase another card.
- You are recommended to format your memory card once every two weeks.

Latest firmware update: <http://en.FineVu.com>

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# FCC Compliance Statement

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.

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 to 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.

## **Wi-Fi dongle FCC ID: OYR-WU810N**

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



FINE Vu

<http://en.FineVu.com>

**FineVu Customer Satisfaction Center : support@finedigital.com**

This manual describes the functions of the product.