FineVu

GX1000 CLOUD

FineVu GX1000 CLOUD 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 GX1000 CLOUD dash cam.
Please be sure to fully read and understand this manual before using the GX1000 CLOUD dash cam.
Please also note that this manual may include technical or editorial errors or omissions.
In addition, the performance specifications of the GX1000 CLOUD 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 (GX1000 CLOUD)
- KC Certification Number: R-R-FDK-FineR049
- 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

Safety and Precautions

Names of Components and Parts

How to Install

Key Product Features

How to Use

How To Connect
FineVu CLOUD & Wi-Fi App

Wi-Fi Feature

CLOUD Feature

Shared Between Wi-Fi & CLOUD

How to use FineVu player

Product Specifications and Size

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 hardwire install arbitrarily, 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.

> ℹ️
> - 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.
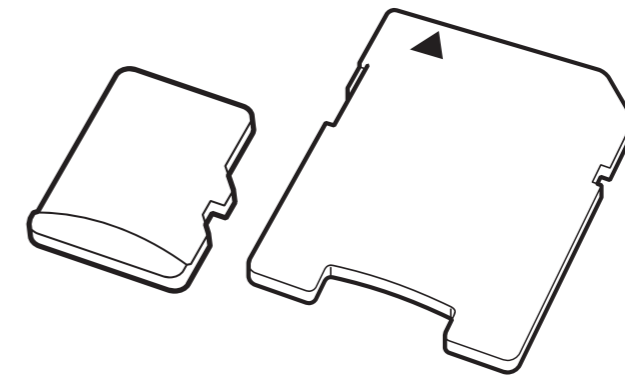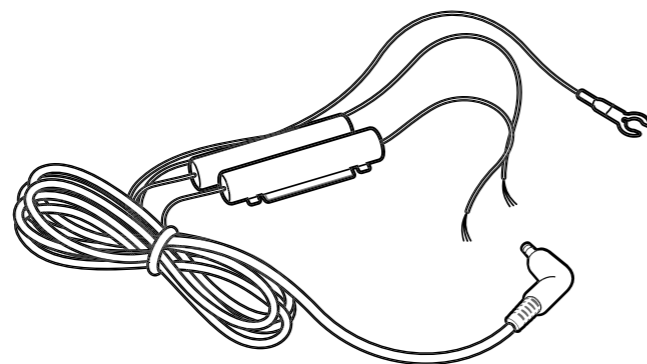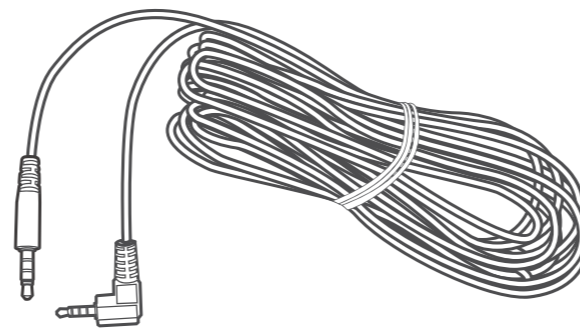
Product composition

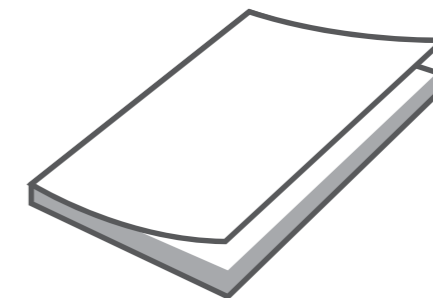## Components
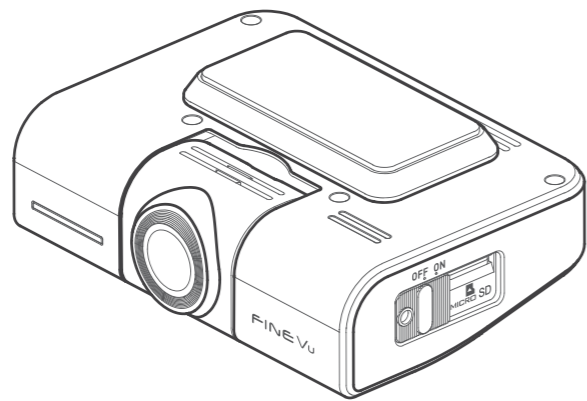
Front Camera
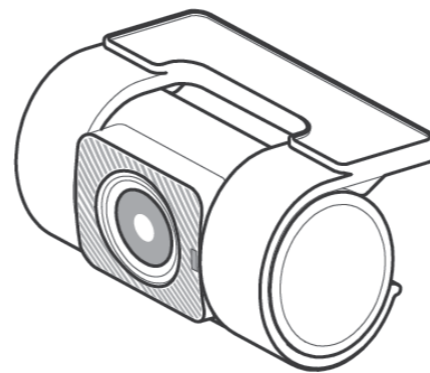
Rear Camera

Micro SD Card & Adapter

Power Cable
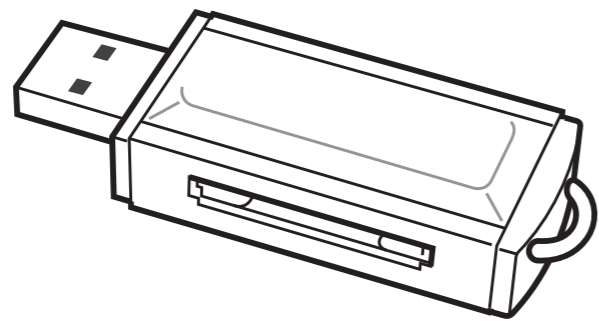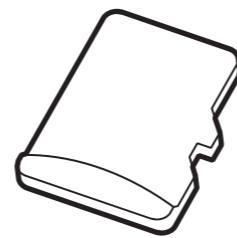
Rear Camera Cable

User Manual

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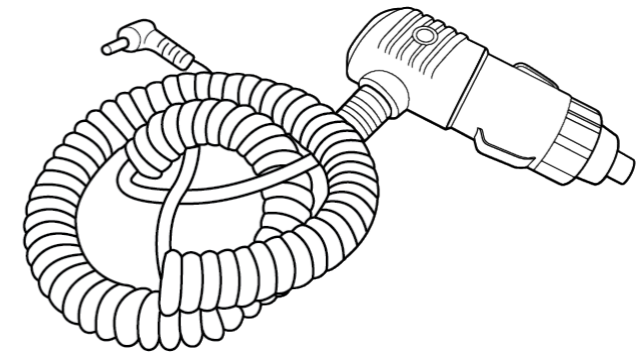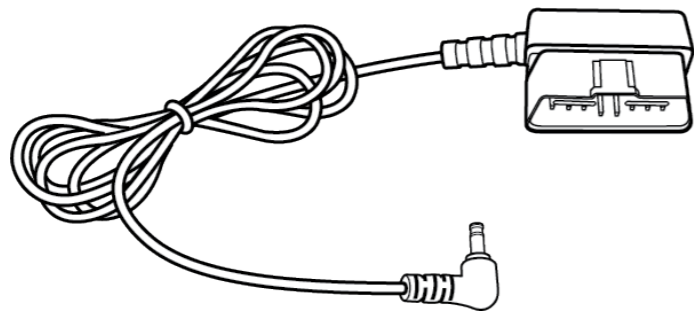· The warranty period for the Micro SD card is 6 months.

Optional Accessories

USB SD Card Reader
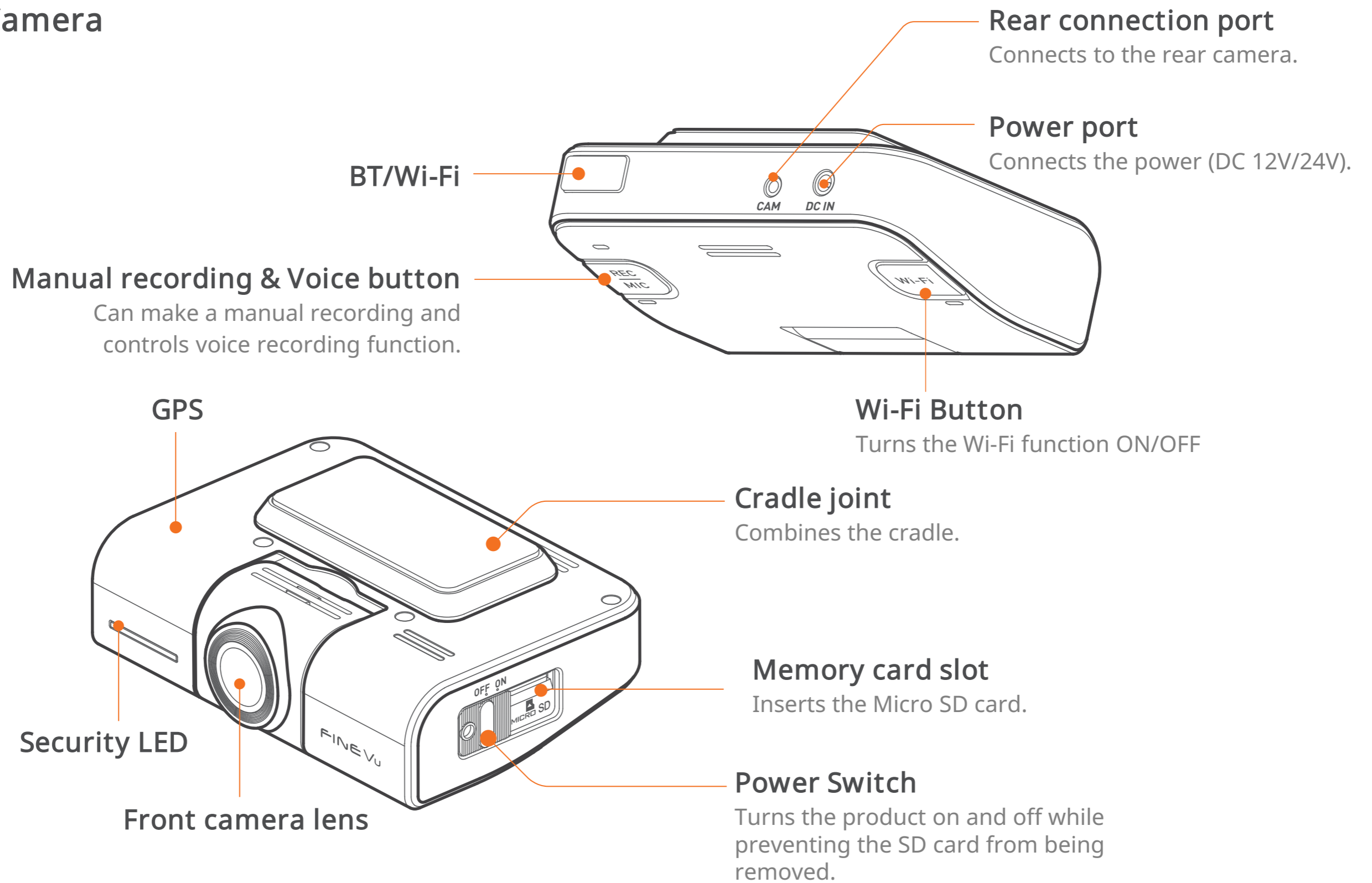
**High Capacity
Micro SD Card**

**Cigarette Lighter
Power Cable**

OBD-II Power Cable

Name of Parts

Front Camera

Rear connection port
Connects to the rear camera.

Power port
Connects the power (DC 12V/24V).

BT/Wi-Fi

CAM   DC IN

REC
MIC

WI-FI

Manual recording & Voice button
Can make a manual recording and
controls voice recording function.

Wi-Fi Button
Turns the Wi-Fi function ON/OFF

GPS

Cradle joint
Combines the cradle.

FINEVu

OFF ON

MICRO SD

Memory card slot
Inserts the Micro SD card.

Power Switch
Turns the product on and off while
preventing the SD card from being
removed.

Security LED

Front camera lens

Rear Camera

Cradle
Fixes the position of the camera.

Rear camera lens

Security LED
Checks the operation of the dash cam.

Rear connection port
Connects to the front camera.
(Image & power I/O)

⚠ · 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. User settings must be adjusted to use the security lighting.

How to Install

Inserting the Micro SD card

1.Slide the power switch & lock to OFF to unlock it.

2.Check the insertion direction of the Micro SD card.

3.Insert the Micro SD card until it makes a 'click' sound.

4.Slide the power switch & lock to ON to lock it.

Removing the Micro SD card

1.Slide the power switch & lock to OFF to unlock it.

2.Tap the inserted Micro SD card until it clicks.

3.When the Micro SD card pops out, take it out by hand.
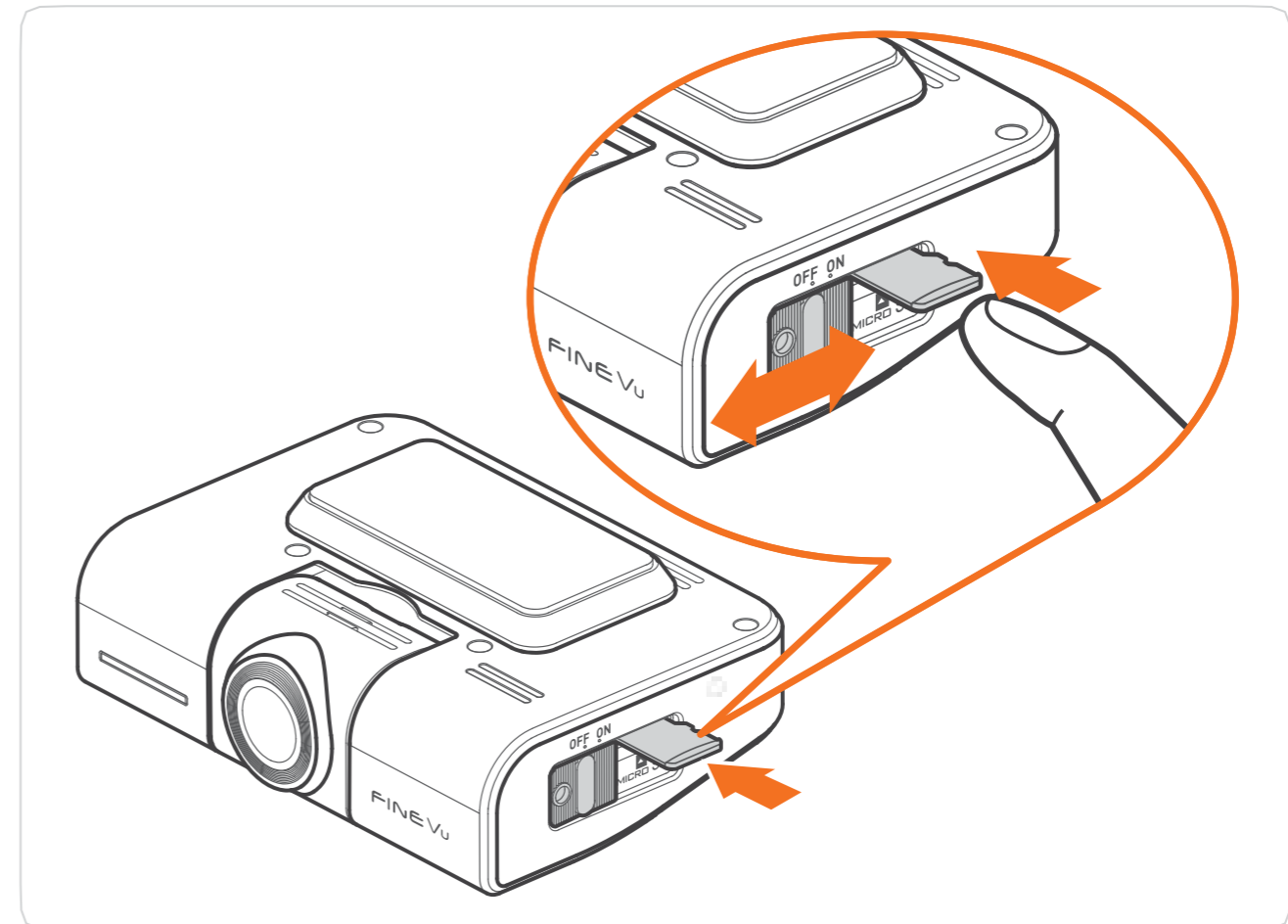
· The power switch is a device that turns the power ON/OFF and prevents the Micro SD card from being pulled out at the   same time.

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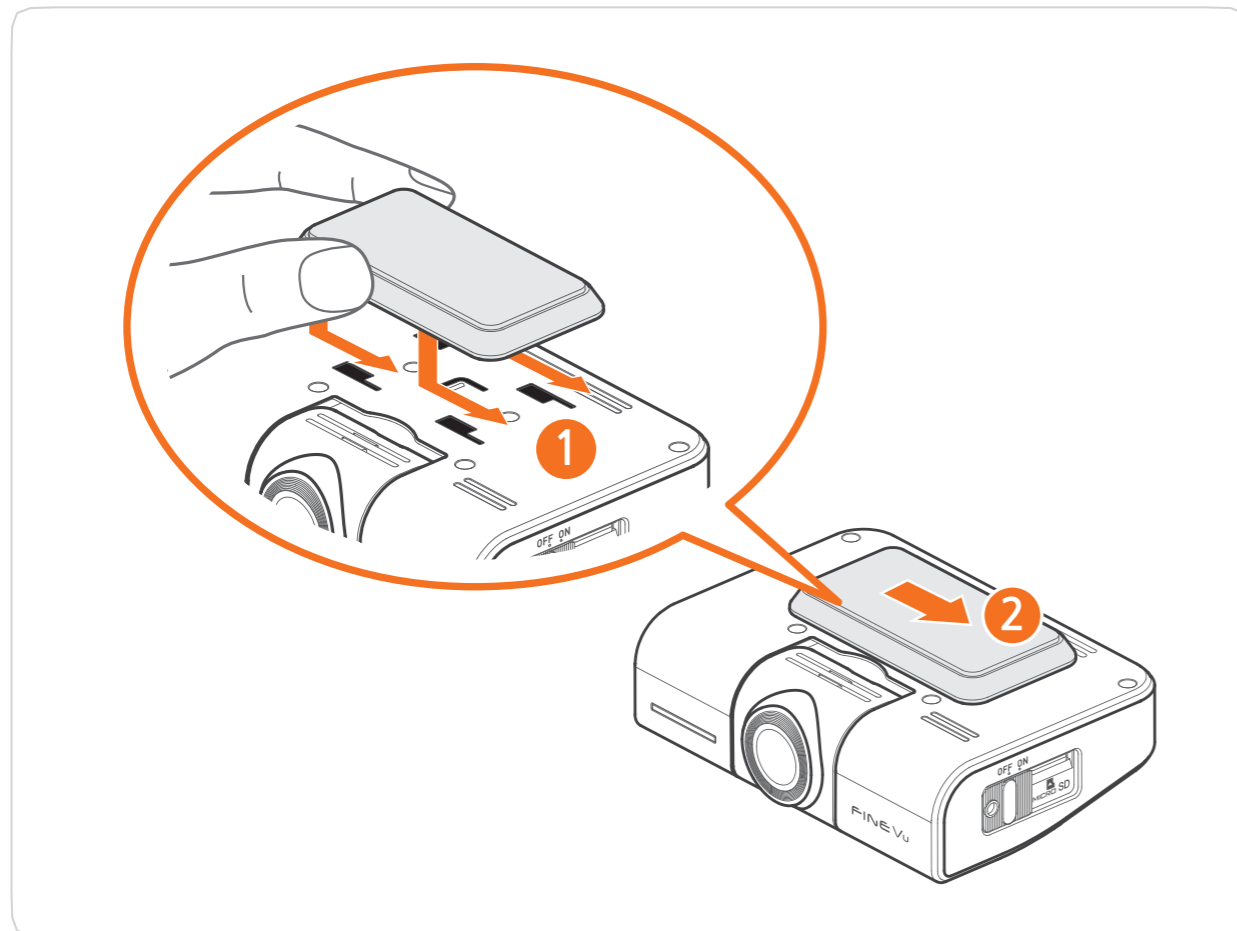
1. Align the cradle part with the arrow ① and insert it into the cradle groove on the main body of the product.
2. While inserting it into the groove, push the cradle in the direction of arrow ② until it makes a 'click' sounds to fix it on the product.
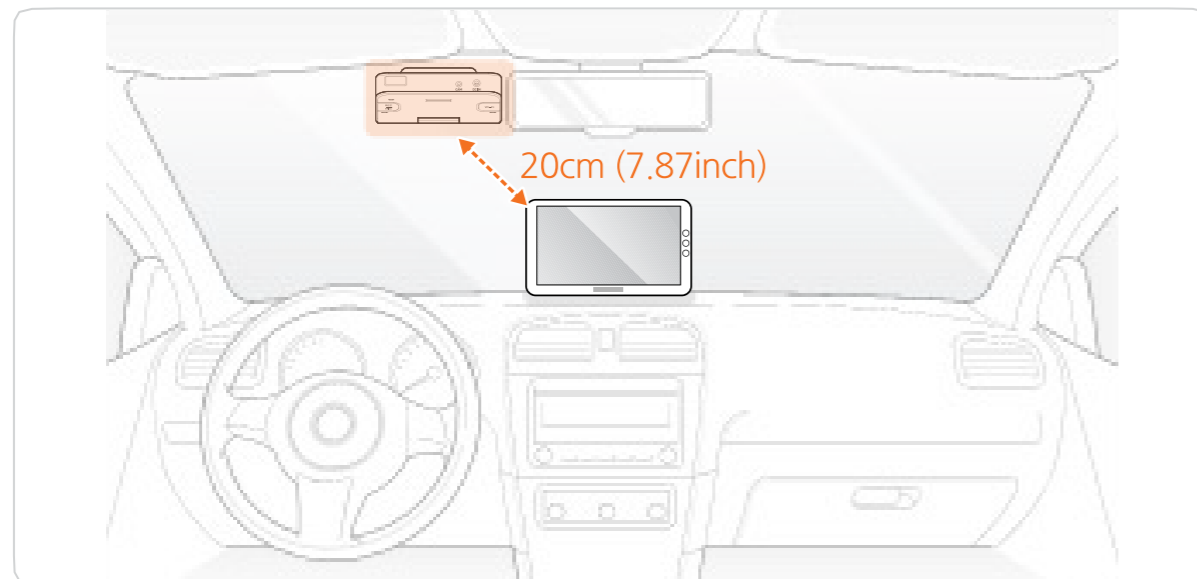
Detaching the Cradle
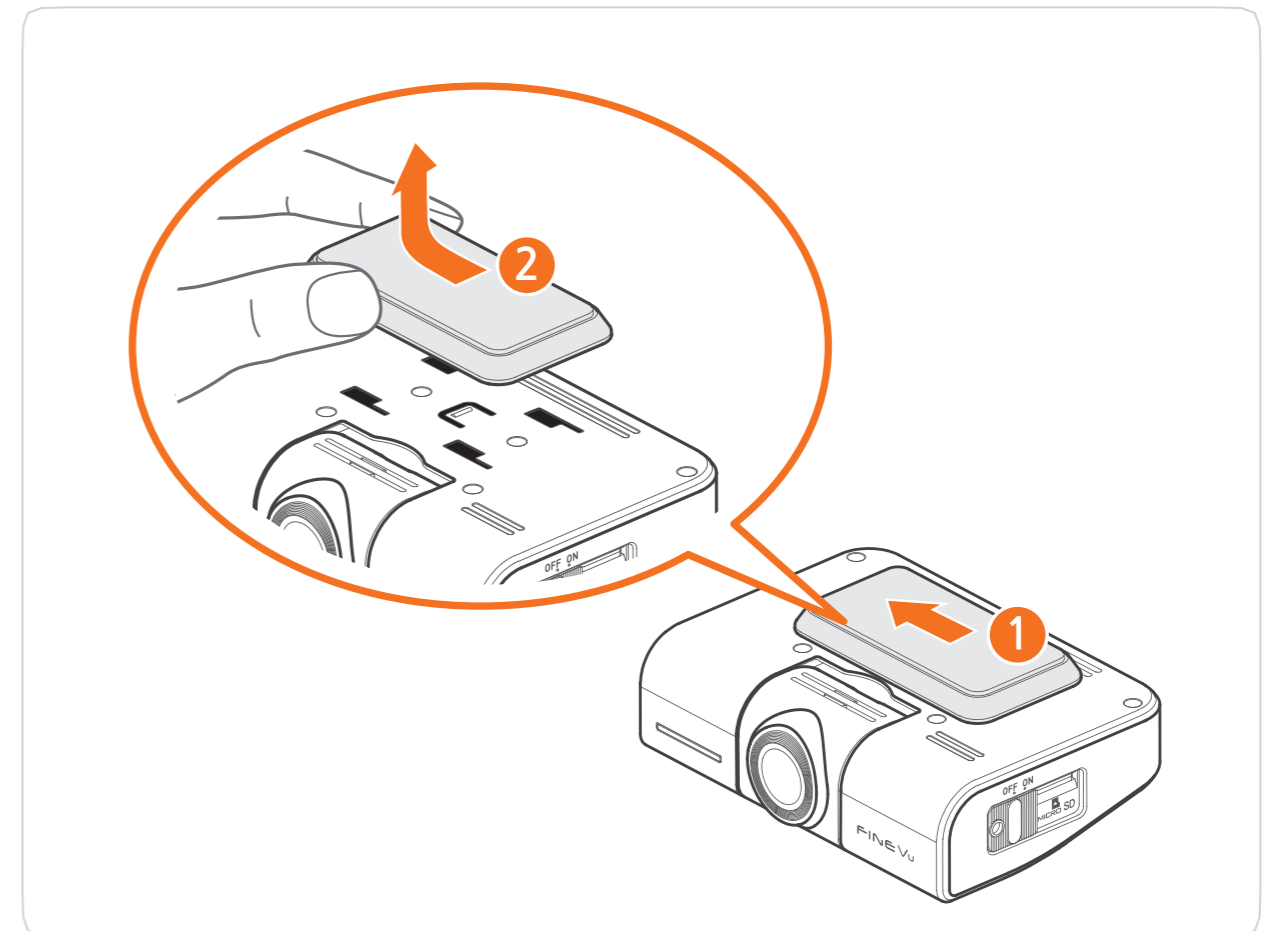
1. Push the cradle in the direction of the arrow ① until it makes a 'click' sound.
2. After pushing it, separate the cradle in the direction of the arrow ②.

⚠ • 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.
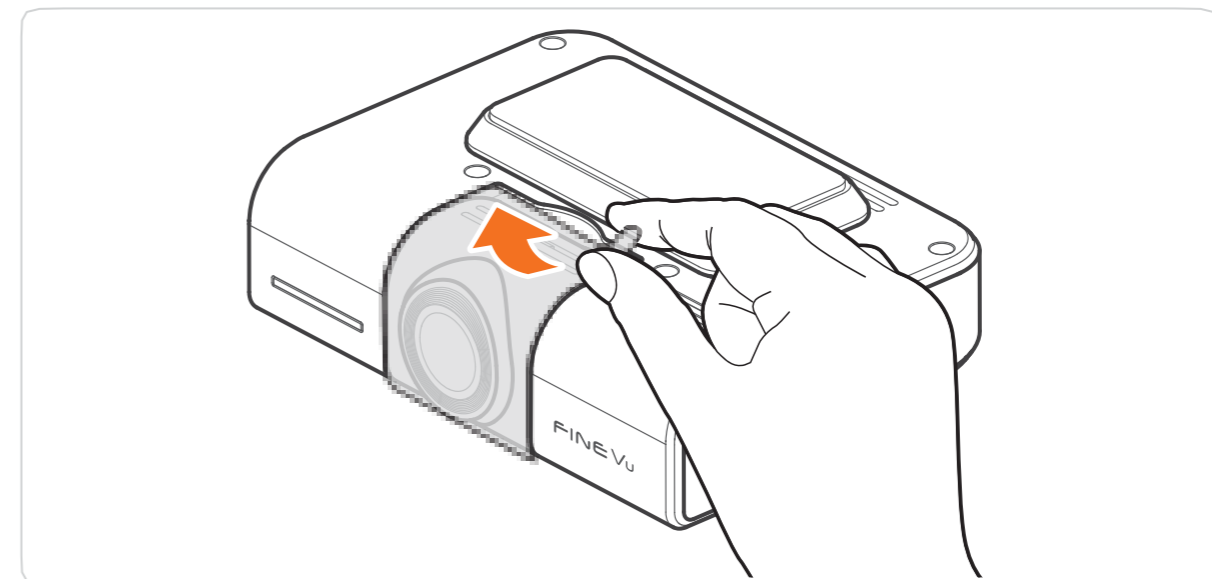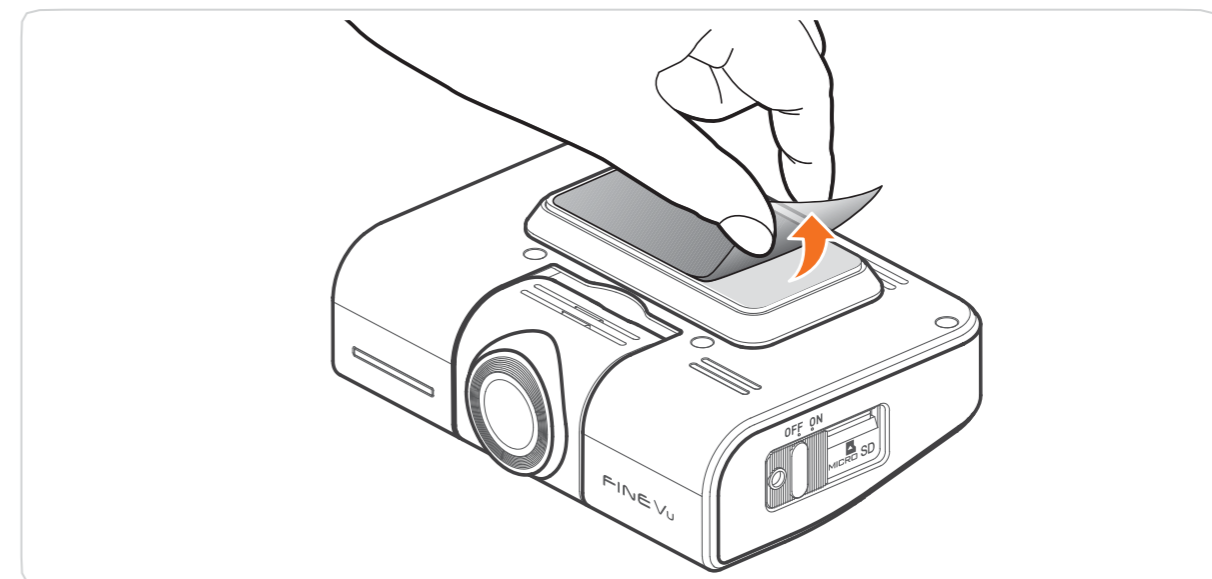
Installing the Front Camera

20cm (7.87inch)

1. Decide where you want to install the product.

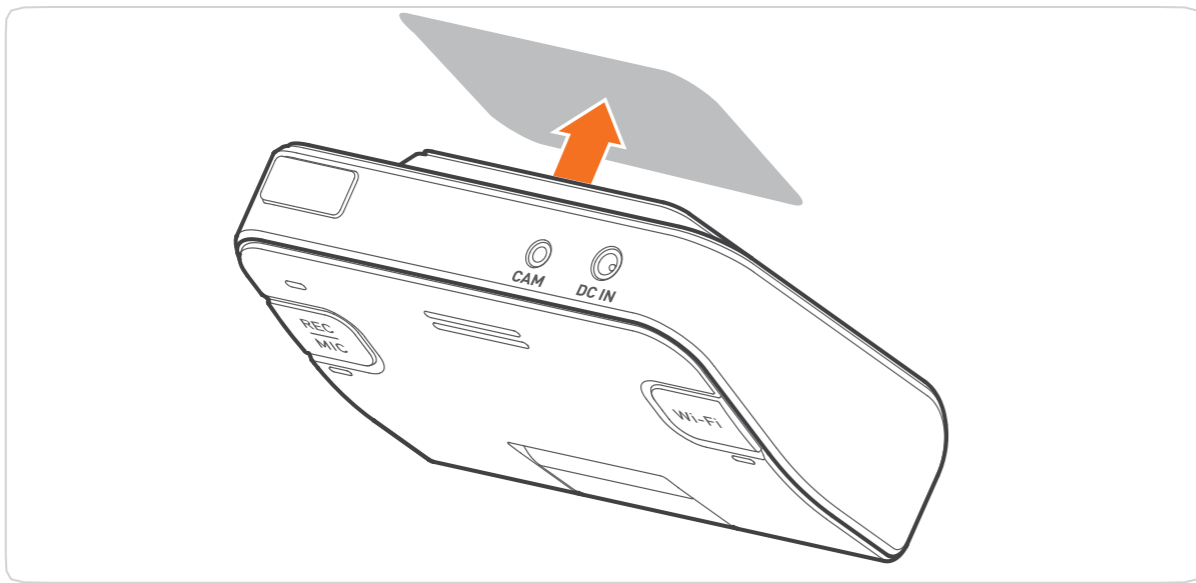2. Remove the protective film from the front camera.

· Please set the installation location of the product at least 20cm (7.87 inch) away from other electronic   devices such as the navigation system.

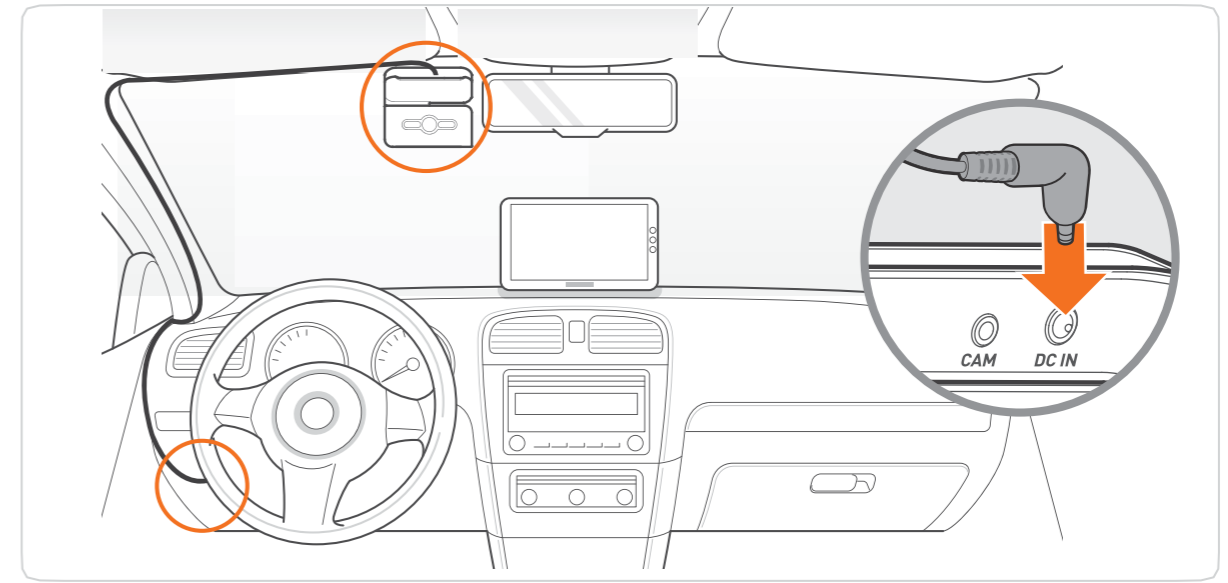· Install in a location where it will not interfere with the driver's view.

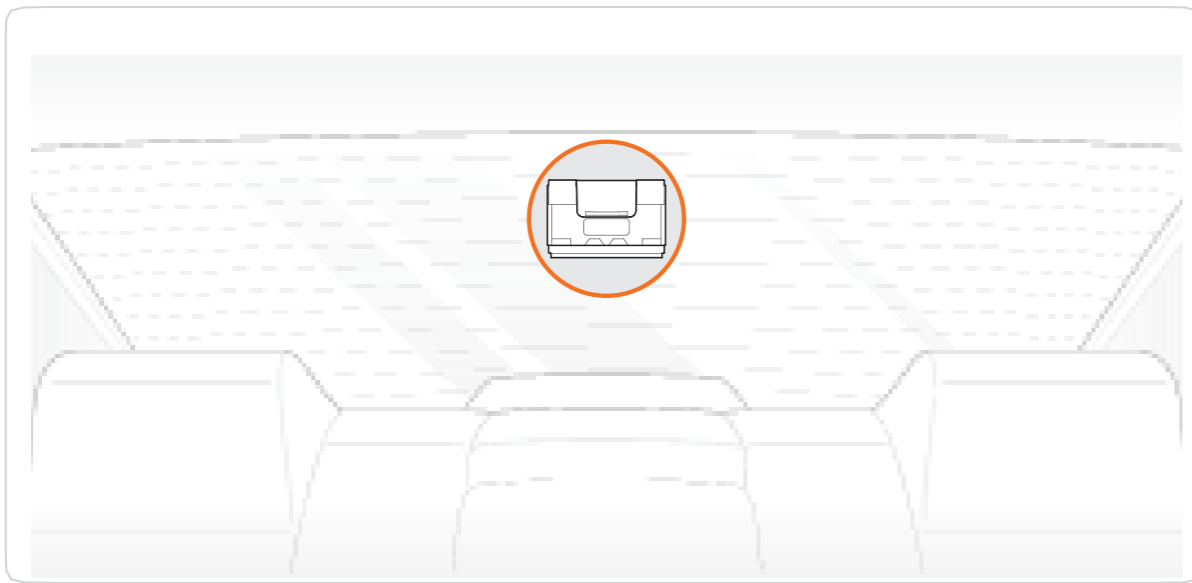3. Peel off the protective film from the tape for attaching the cradle.

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 constant power cable connected to the fuse box.

Installing the Rear Camera

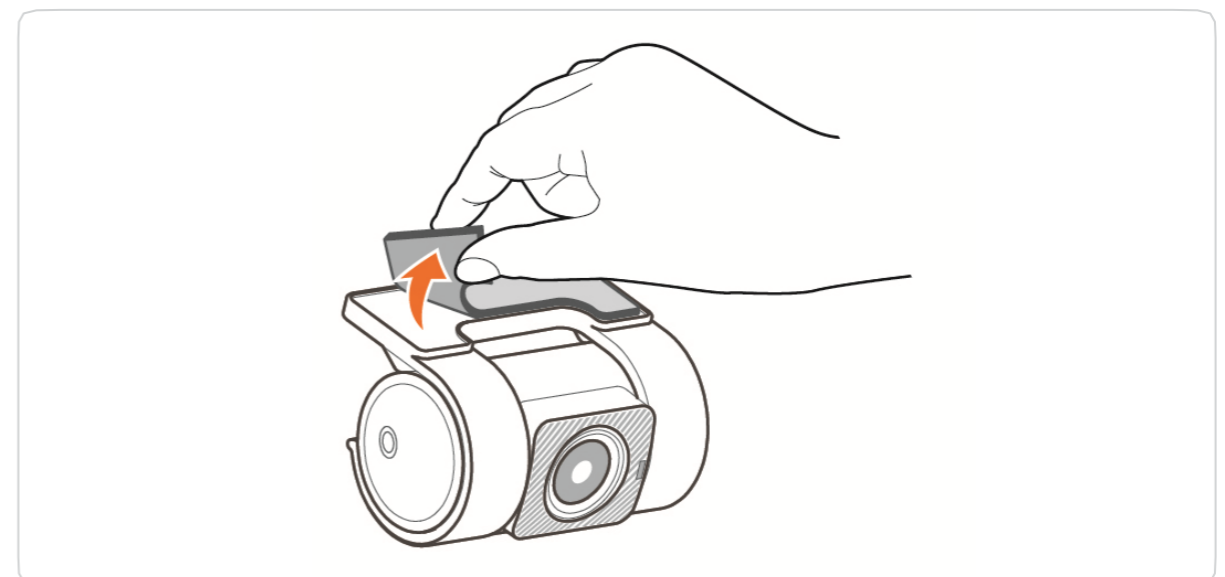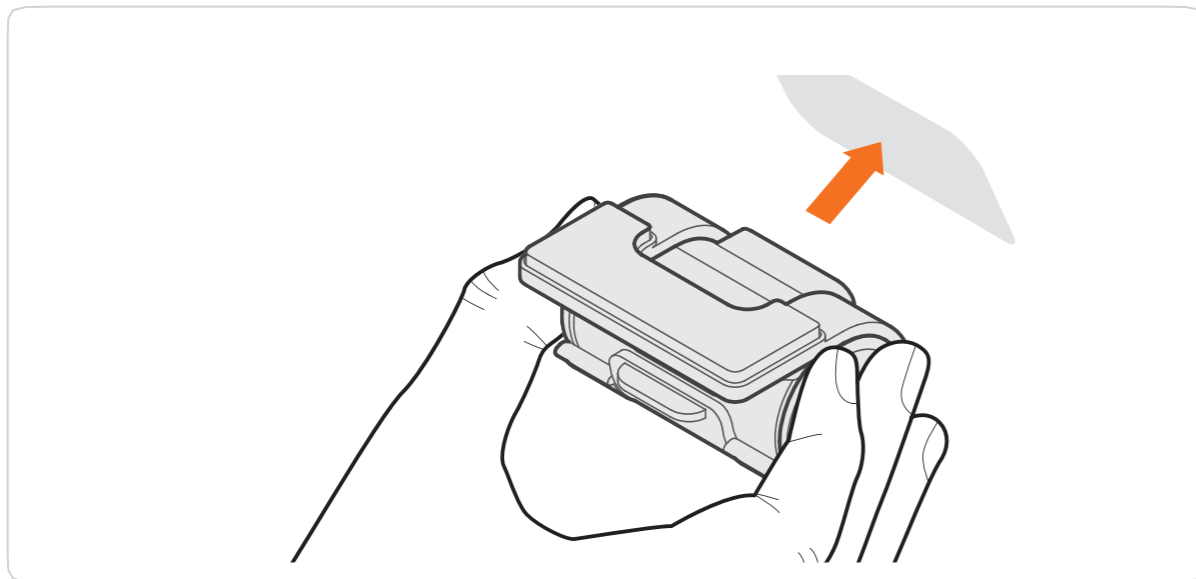1. Decide where you want to install the product.
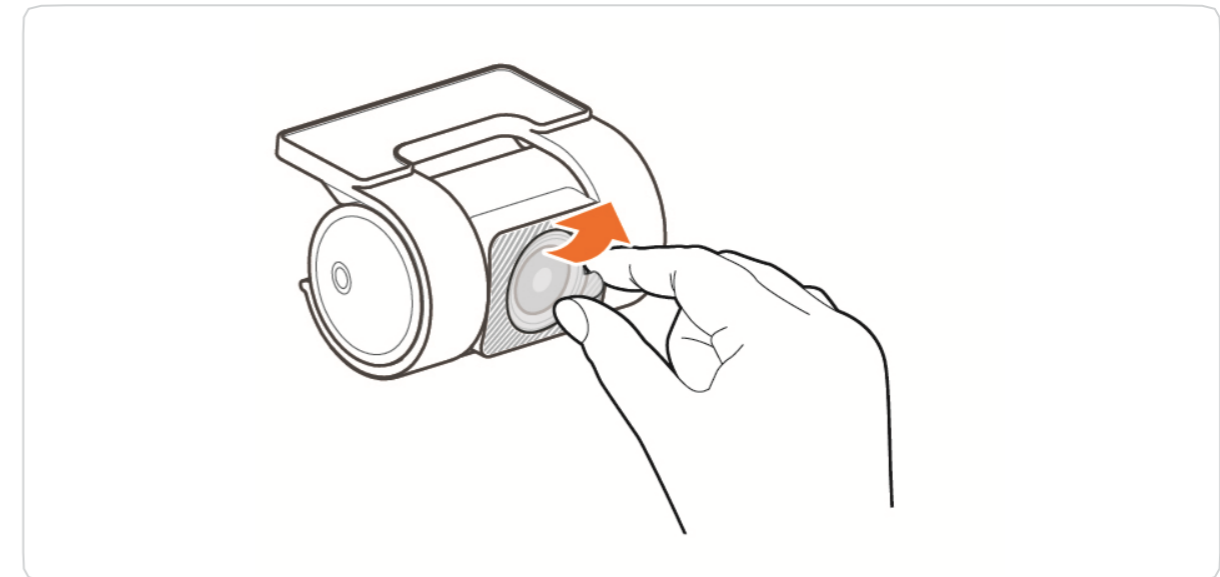
2. Remove the protective film from the rear camera.

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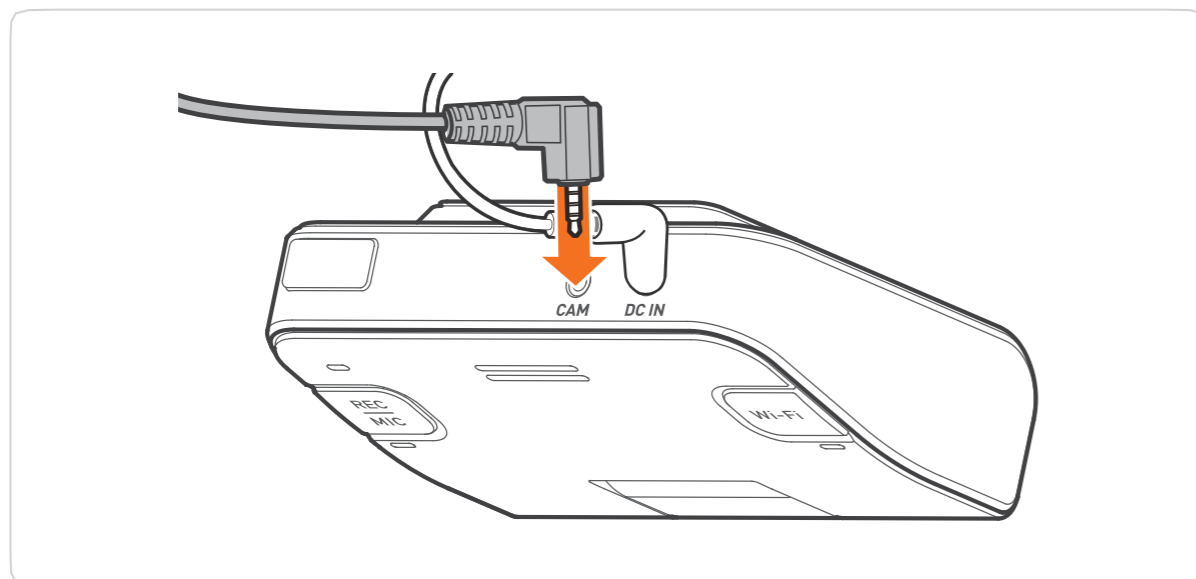

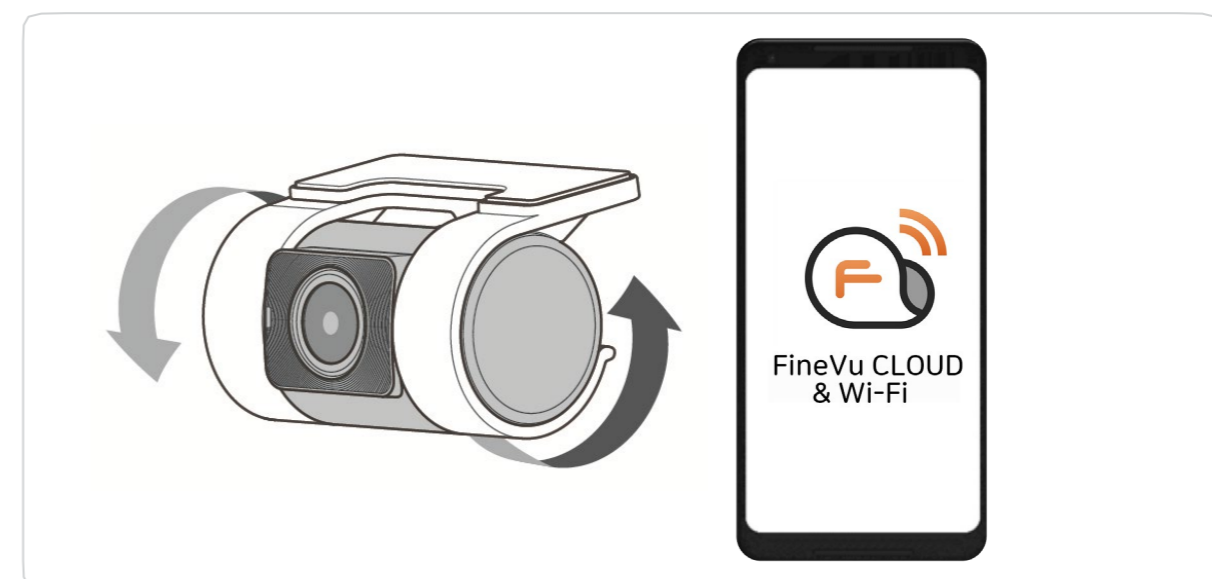3. Peel off the protective film from the tape to attach the cradle.

4. Attach the rear camera to the location where you want to install it.
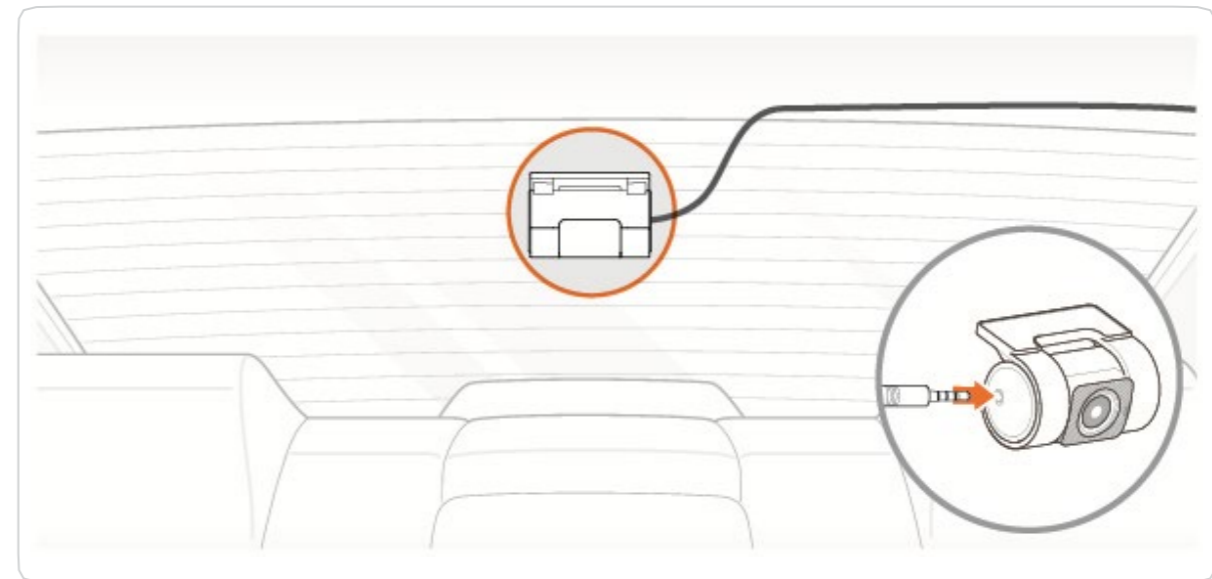
5. Connect the rear camera with the rear-only cable.

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

FineVu CLOUD & Wi-Fi

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.

· Parking mode requires hardwire cable installation. Do not hardwire install arbitrarily, as this may cause a product or vehicle malfunction. Be sure to get help from a professional installation engineer. (You are recommended to install dash cam with hardwire cable to prevent the vehicle's battery from being discharged)

· When installing with hardwire cable, pay attention to the connected position of each wiring.

· Do not arbitrarily cut or alter the enclosed hardwire cables.

Key Product Features

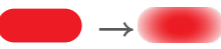|	
STARVIS	**Equipped with SONY Exmor R STARVIS™ image sensors** Equipped with SONY Exmor R STARVIS image sensors, which provide brighter and cleaner image quality than regular CMOS sensors even at night.
Quad HD 30fps	**High-resolution image recording** With a high-performance image sensor and high-quality lens, it records front/rear in Quad HD (2560x1440p@30fps).
FineVu CLOUD & Wi-Fi app	**FineVu CLOUD & Wi-Fi app** You can easily set up the dash cam and check the video using the FineVu CLOUD & Wi-Fi app.
HDR	**HDR support** 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.
Auto Night Vision	**Equipped with Auto Night Vision** Offers improved identification of objects with bright images, and minimizes deterioration in image quality when shooting in low light or at night.
ADAS PLUS & Speed Camera Alert	**ADAS PLUS & Speed Camera Alert** Supports ADAS PLUS (FVMA, LDWS) / Speed Camera Alert function. This works only when a GPS signal is available.
Power Saving Parking Mode	**Equipped with Power Saving Parking Mode** With FineVu's unique low-power technology, it records safely even while parked for an extended period.

How to Use

Operation Description

Image	LED color	LED status	Mode	Operation Description
Security LED	White	OFF	-	• Power OFF status
		Dimming	Driving Mode & Parking Motion Mode	• Shooting status in driving mode & parking mode, where the LED turns on and off slowly over about 4 seconds.
		Blink	Drive (Impact) Mode & Parking (Impact) Mode	• If an event occurs during driving mode, the LED will blink while switching to event recording. • If an event occurs during parking mode, the LED will blink while switching to event recording.
LED A	Green	Blink ON	MIC ON	• Press and hold button A for 1.5 seconds. It switches from voice recording OFF to voice recording ON.
		ON	Driving & GPS receiving	• During driving mode, the green LED turns ON. • When receiving GPS, the green LED turns ON. • When GPS is not received, the blue LED turns on.
	Red	Blink	Drive (Impact) Mode & Manual Mode & Parking Motion Mode & Parking (Impact) Mode	• In the event of an impact during driving mode, the red LED will blink. • Tap button A For manual recording. During manual recording, the red LED will blink. • If there is an impact or if a motion is detected while in parking mode, the red LED will blink.
	Yellow	Blink OFF	MIC OFF	• Press and hold button A for 1.5 seconds. It switches from voice recording ON to voice recording OFF.

Image	LED color	LED status	Mode	Operation Description
Wi-Fi **LED B**	Blue	OFF	Wi-Fi OFF	• Power OFF status • Wi-Fi OFF status
		Blink	Dongle not present	• Dongle not present; waiting for connection
		ON	Wi-Fi ON	• Tap button B. When the Wi-Fi function is ON, the LED turns ON.
		Blink	Waiting for Wi-Fi connection & Wi-Fi initialization	• Press and hold button B for more than 3 seconds to reset Wi-Fi. When waiting for a Wi-Fi connection or resetting Wi-Fi settings, the LED blinks.
REC **MIC** **LED A** **+** **Wi-Fi** **LED B**	Magenta & White	Blink	Firmware update	• When updating the firmware, the white LED will blink.
		Blink	Memory format & Reset	• Press and hold buttons A and B simultaneously for more than 3 seconds to format a Micro SD card or reset memory settings. The magenta LED blinks.
	White	ON → OFF	Booting up	• When booting up, both LED A and B turn on at the same time.

Recording Folder / Video File Name

Recording Folder Configuration

Recording	Driving Recording	Driving Impact	Parking Motion	Parking Impact	Manual Recording	My folder
Folder Name	📁 normal	📁 event	📁 motion	📁 parking	📁 camcorder	📁 myfolder

Recorded Video File Name

📄 CLD_20240209-17h35m10s_F_N ➡️ January 06. 2023 – 18:50:28 _ Front channel_Driving recording

➤ Recording type (Normal/Event/Parking/Motion/Camcorder/myN)

➤ Recording channels (F=Front/R=Rear)

➤ Recording time (hour/minute/second)

➤ Recording date (year/month/day)

➤ Cloud classification (It is not shown on the app screen.)
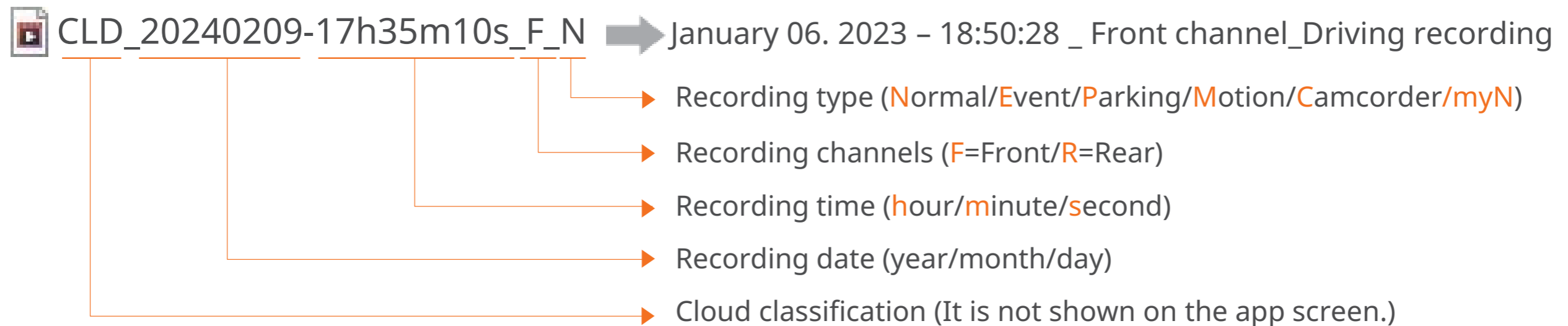
ⓘ · Only original files uploaded on the cloud have "CLD" in front of the file names. (It is not shown on the app screen.)
· Automatic upload to the cloud works only when an impact occurs while driving or parked or when emergency recording is performed.
· If the upload folder in the cloud is full, the oldest data is deleted to make room for new data.
· Videos uploaded to the cloud are automatically deleted seven days after being uploaded.

How to connect the FineVu CLOUD & Wi-Fi App

Connect to Wi-Fi or the cloud, depending on what is supported by the dash cam model.

Connecting the Dash Cam (To Wi-Fi)
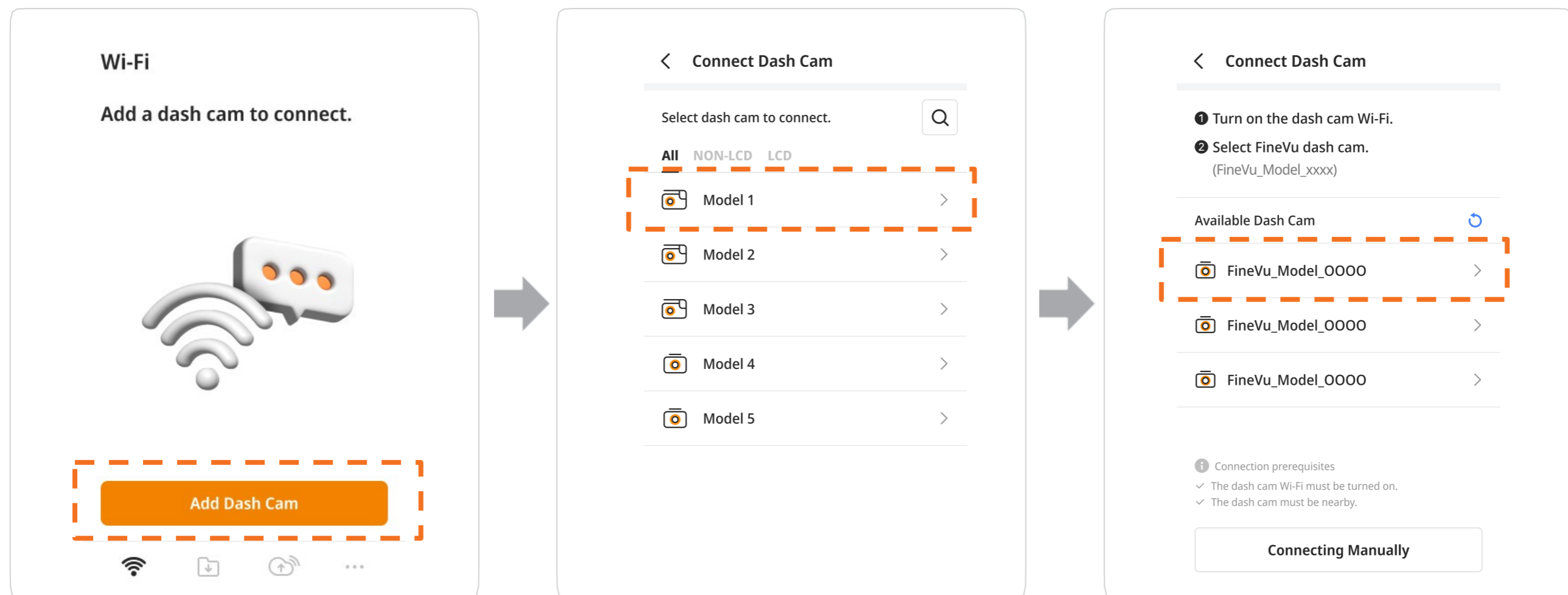
1. Open the "FineVu CLOUD & Wi-Fi" app, and tap the **Add Dash Cam** button on the Wi-Fi home screen.
2. Tap 'GX1000CLD'.
3. Select a dash cam Wi-Fi network with a name that begins with "FineVu_GX1000CLD".

Connect Dash Cam

SSID FineVu_Model_OOOO

REC / MIC

ⓘ Tap the button to connect to the camera.

Cancel

Connecting Dash Cam

Connecting the dash cam. Please wait.

Connect to device?

FineVu CLOUD & Wi-Fi will use a temporary Wi-Fi network to connect to the device.

FineVu_Model_OOOO

Cancel | Connect

Wi-Fi

OOOO ▾

📶 Connected

It is the latest firmware.

(•) Live View

Dash Cam File

Event Summary

Dash Cam Settings

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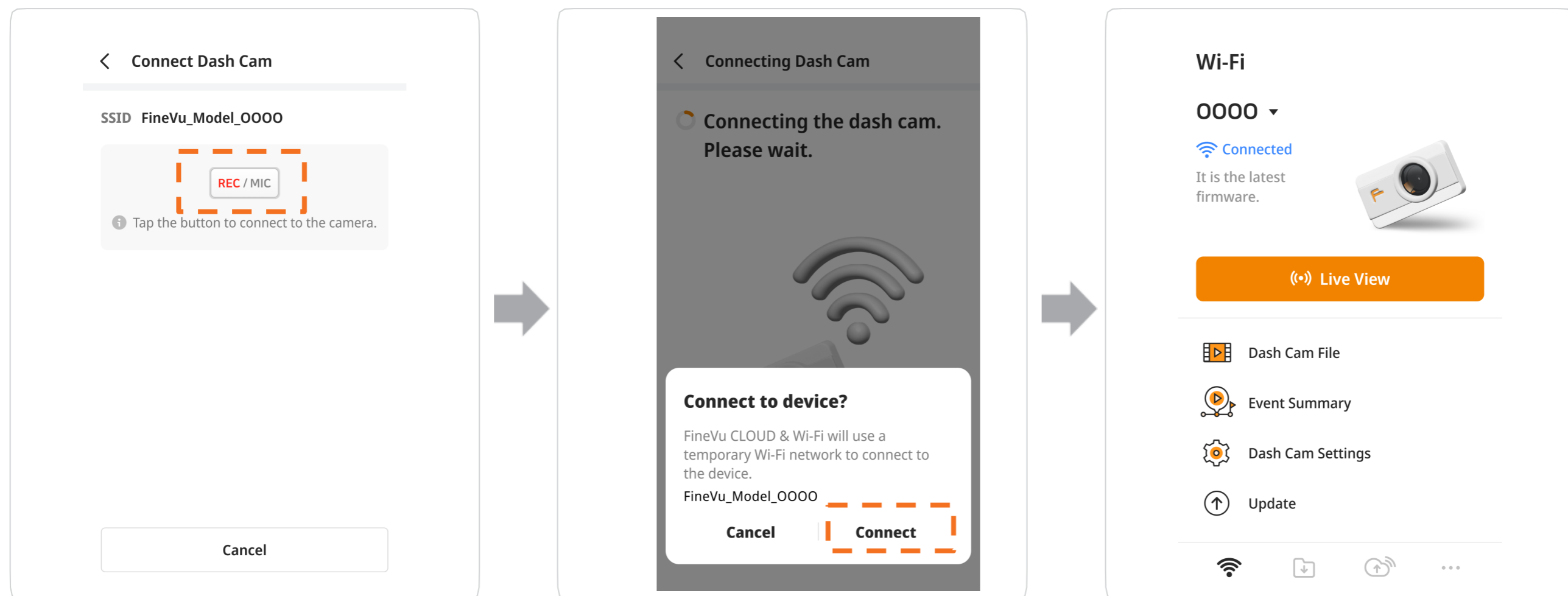
4. Tap the pairing (REC/MIC) button for the dash cam.
5. Tap the **Connect** button. Dash cam registration and connection are complete.

Creating and Connecting a Cloud Account to the Dash Cam

Cloud

Connect to your cloud account.

Connect your account

< **Sign-in/Register**

You can use the cloud after signing in or registering an account.

 Sign in with Apple

G Sign in with Google

Cloud

Add Dash Cam ⊕

Add a dash cam to connect.

Live View	Play / Download	Storage
--	--	--
10 minutes per day	100 times per month	6GB
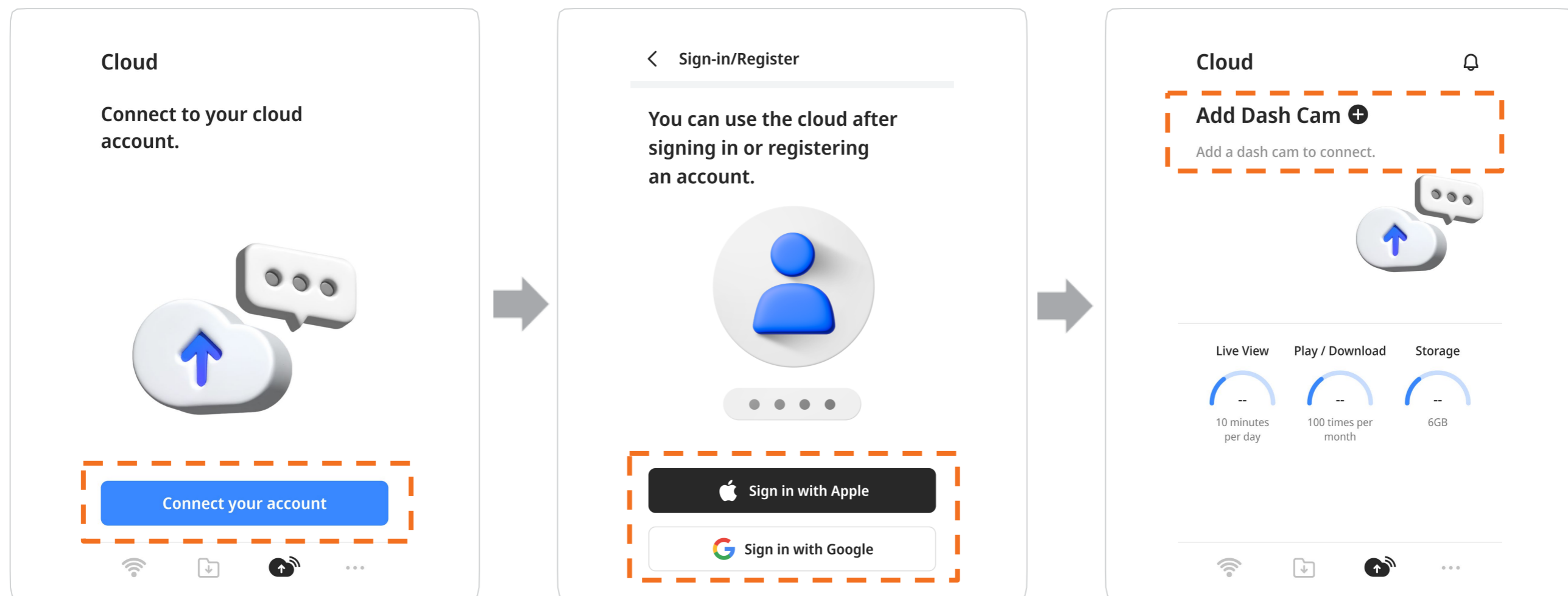
1. Open the "FineVu CLOUD & Wi-Fi" app, and Tap the **Connect your account** button on the cloud home screen.
2. Log in with your existing Apple or Google account. Agree to all terms and conditions, and Tap the **Create an Account** button. Account connection is complete.
3. Tap the **Add Dash Cam** button.

‹ **Connect Dash Cam**

❶ Turn on the dash cam Wi-Fi.

❷ Select FineVu dash cam.
 (FineVu_Model_xxxx)

Available Dash Cam   ↻

📷 FineVu_Model_OOOO   ›

📷 FineVu_Model_OOOO   ›

📷 FineVu_Model_OOOO   ›

ⓘ Connection prerequisites
✓ The dash cam Wi-Fi must be turned on.
✓ The dash cam must be nearby.

Connecting Manually

‹ **Connect Dash Cam**

SSID FineVu_Model_OOOO

REC / MIC

ⓘ Tap the button to connect to the camera.

Cancel

‹ **Connect to Cloud**

Connect Dash Cam to Cloud

Only one dash cam can be connected for free to
a registered account.

Mobile Router Connection

4. Select a dash cam Wi-Fi network with a name that begins with "FineVu_GX1000CLD".
5. Tap the pairing (REC/MIC) button for the dash cam. After the dash cam is registered successfully, you are automatically redirected to the mobile router connection screen (shown on the next page).

6. Connect to the cloud via a mobile router or smartphone's hotspot.

- **Connecting via a mobile router**
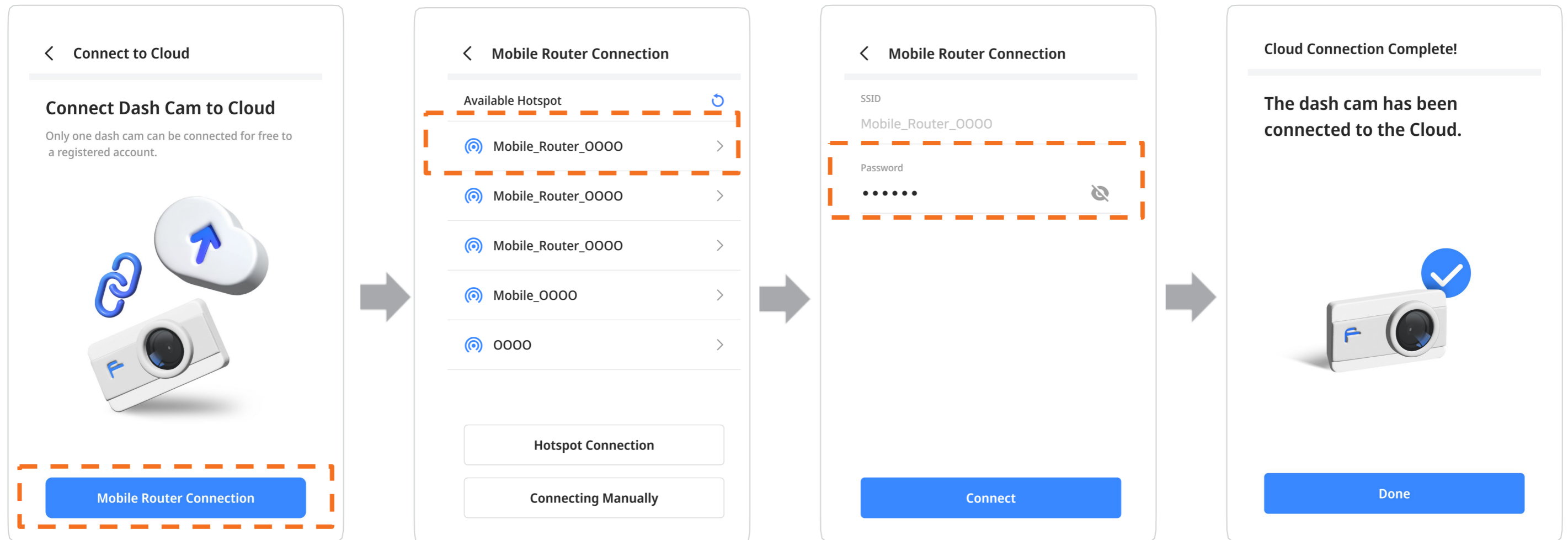
1) On the Connect to Cloud screen, Tap the **Mobile Router Connection** button.
2) Select the hotspot's SSID to connect to.
   • If the hotspot is not found on the list, Tap the **Connecting Manually** button. Next, manually enter the SSID.
3) Enter the password for the selected hotspot's SSID. A connection is established to the cloud.

- **Connecting via a smartphone's hotspot (Android)**
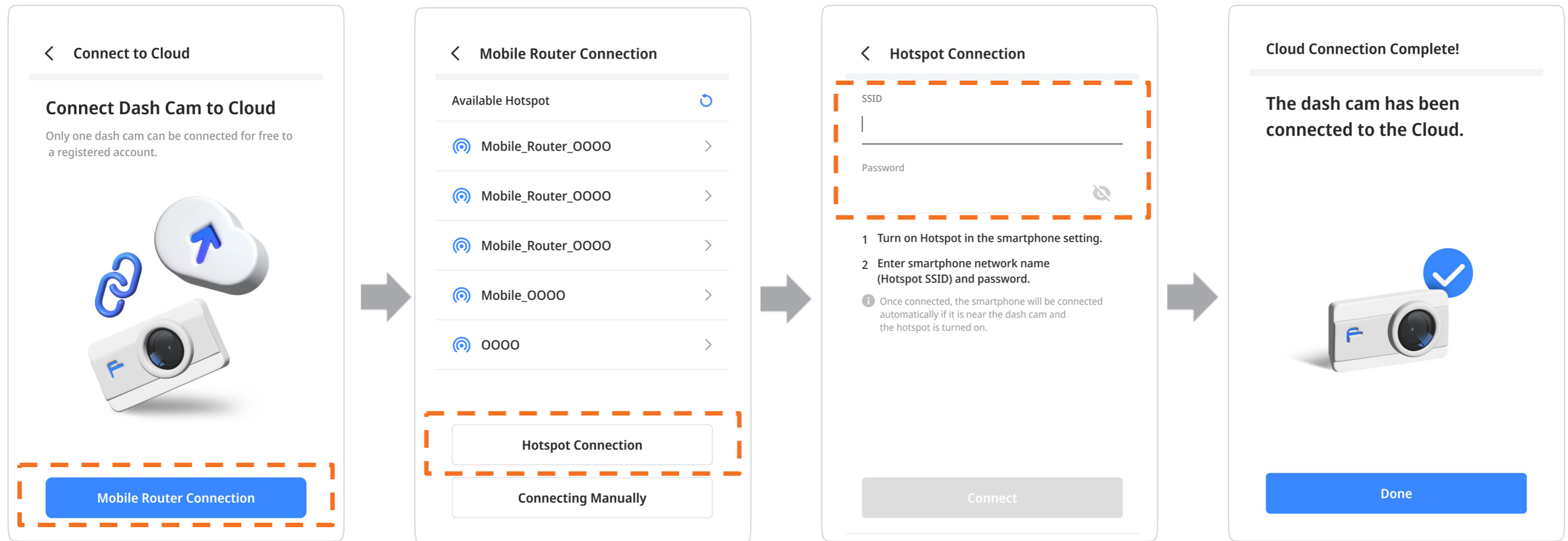
1) On the Connect to Cloud screen, Tap the **Mobile Router Connection** button.
2) Tap the **Hotspot Connection** button.
3) Use the smartphone settings to turn on the hotspot, return to the app, and then enter the hotspot's SSID and password.
   A connection is established to the cloud.

- **Connecting via a smartphone's hotspot (iOS)**
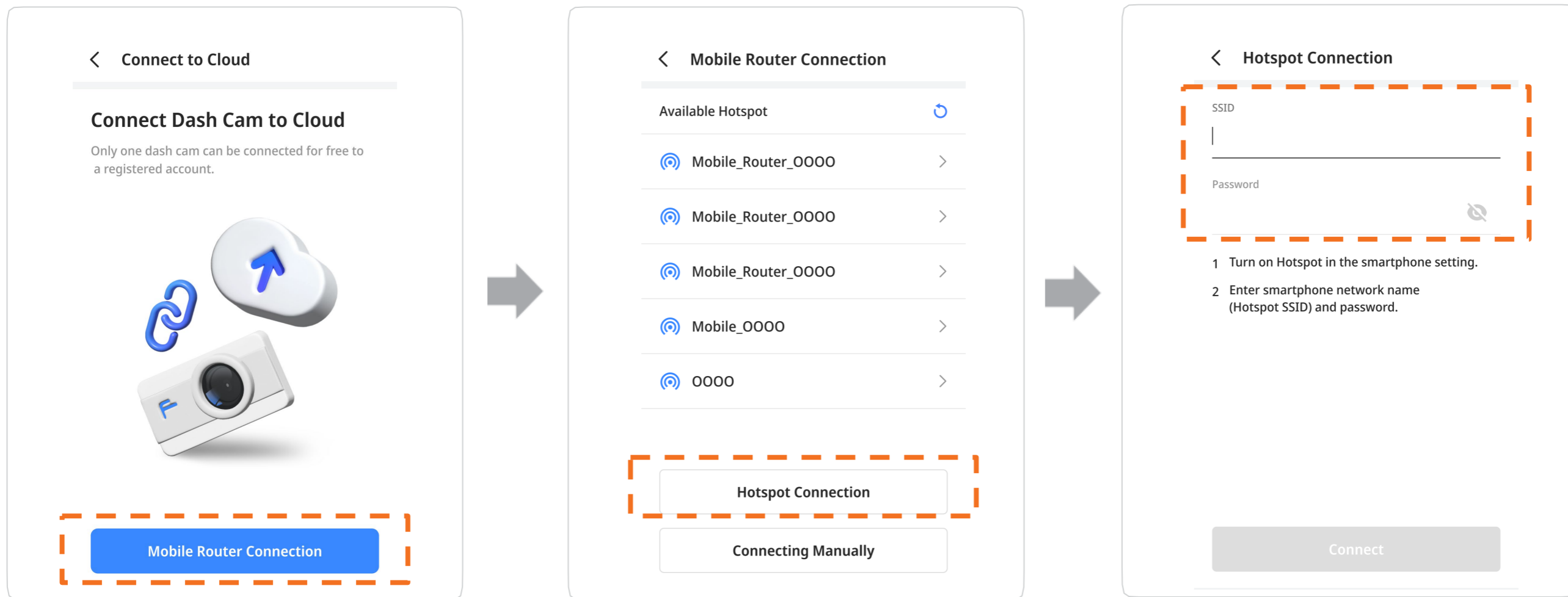
1) Turn on the hotspot on the smartphone, and Tap the **Mobile Router Connection** button on the Connect to Cloud screen of the app.
2) Tap the **Hotspot Connection** button.
3) Enter the selected hotspot's SSID and password.
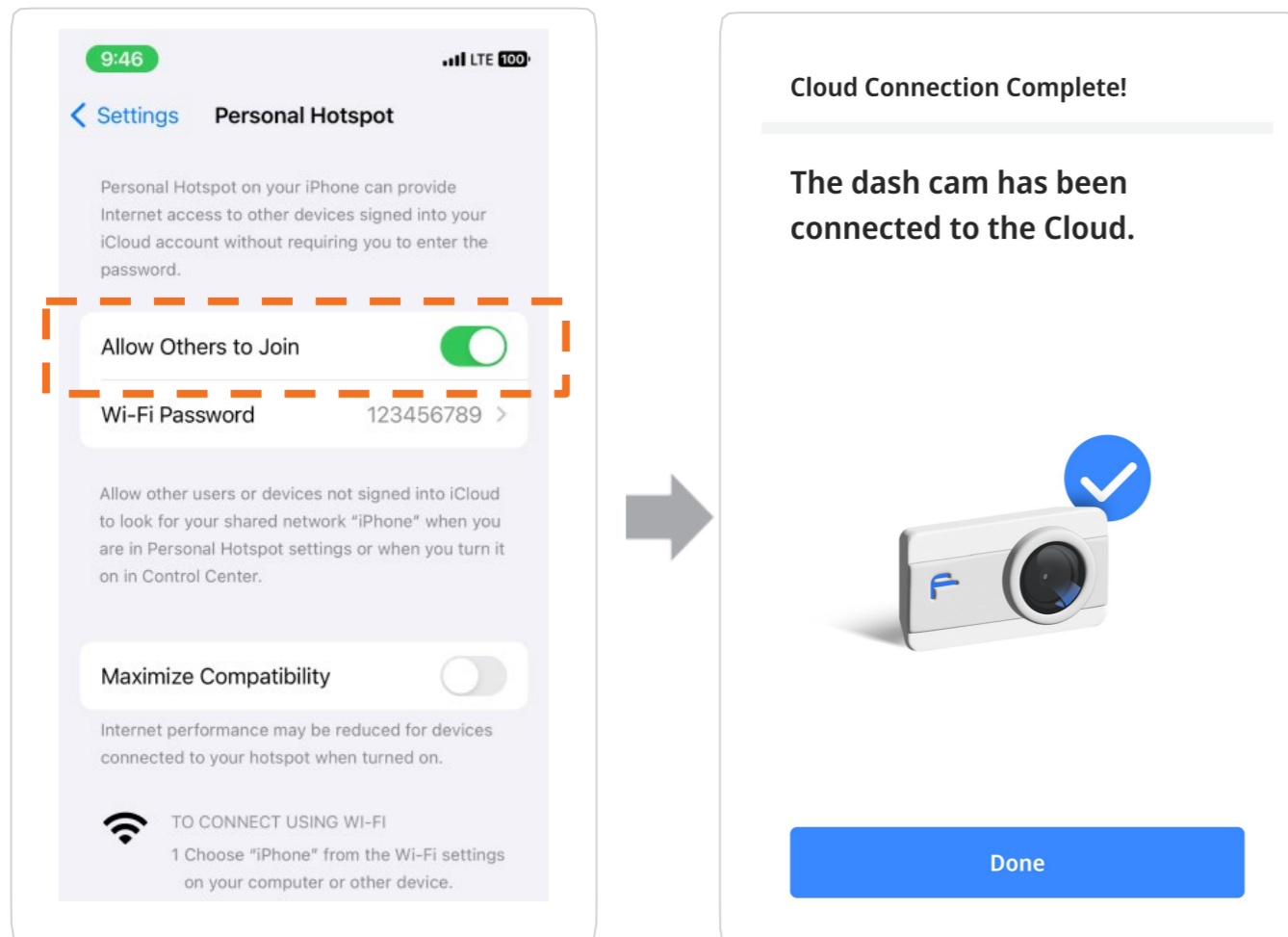
4) In the smartphone settings, navigate to "Settings" > "Personal Hotspot".

5) Turn on the "Allow Others to Join" mode, and wait. If you move to a different screen before a hotspot connection is established, the connection fails.

6) When the device sounds "Cloud connected," return to the app screen. A connection is established to the cloud.

- Make sure you enter the correct SSID and password for the mobile router or hotspot.
- Connecting to the cloud for the first time may take some time. Please wait with patience.
- If the hotspot-enabled smartphone is moved away from the dash cam, the cloud connection may be disconnected.
- When the hotspot-enabled smartphone is turned off, the cloud connection is disconnected.
- VPN (Proxy) program may restrict certain communication addresses and confuse with the dash cam.
  Pause your VPN while using FineVu Cloud & Wi-Fi app.

Reconnection

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

- **Wi-Fi Reconnection**
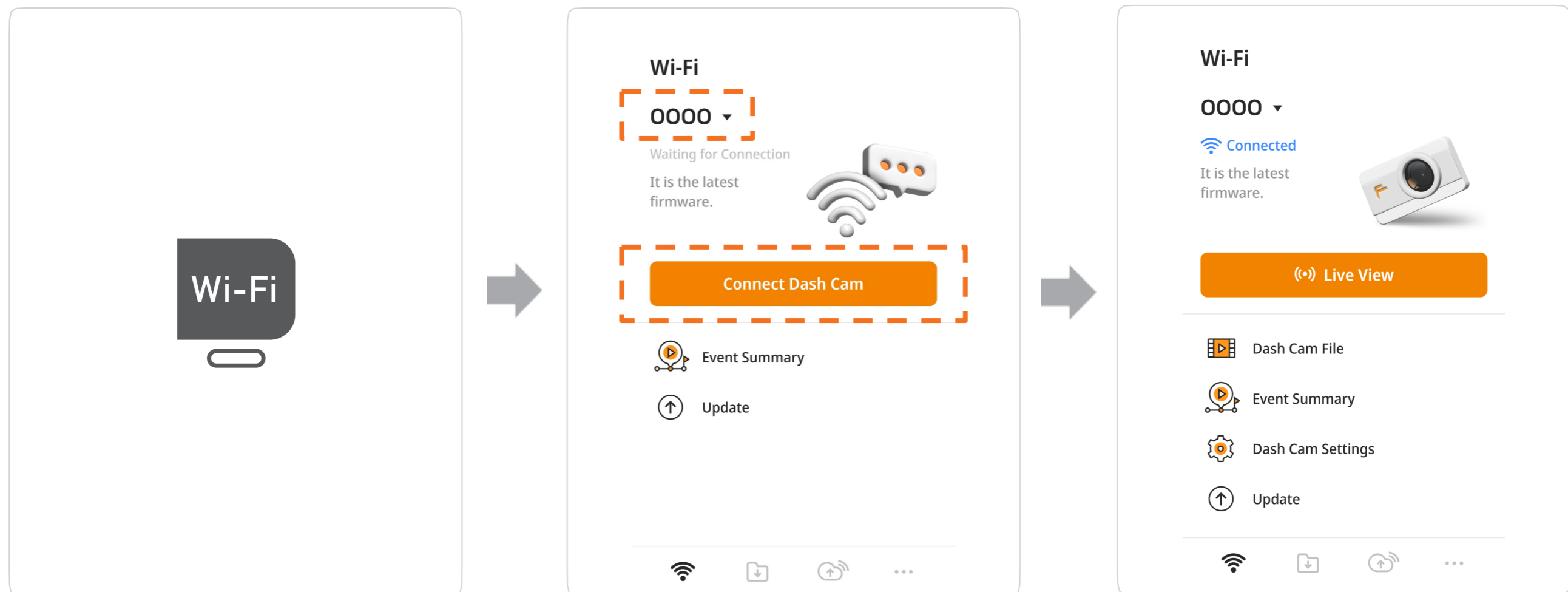
1. Turn on Wi-Fi for the dash cam.
2. On the Wi-Fi home screen of the "FineVu CLOUD & Wi-Fi" app, Tap the **Connect Dash Cam** button. Dash cam connection is complete.

- **Cloud Reconnection**
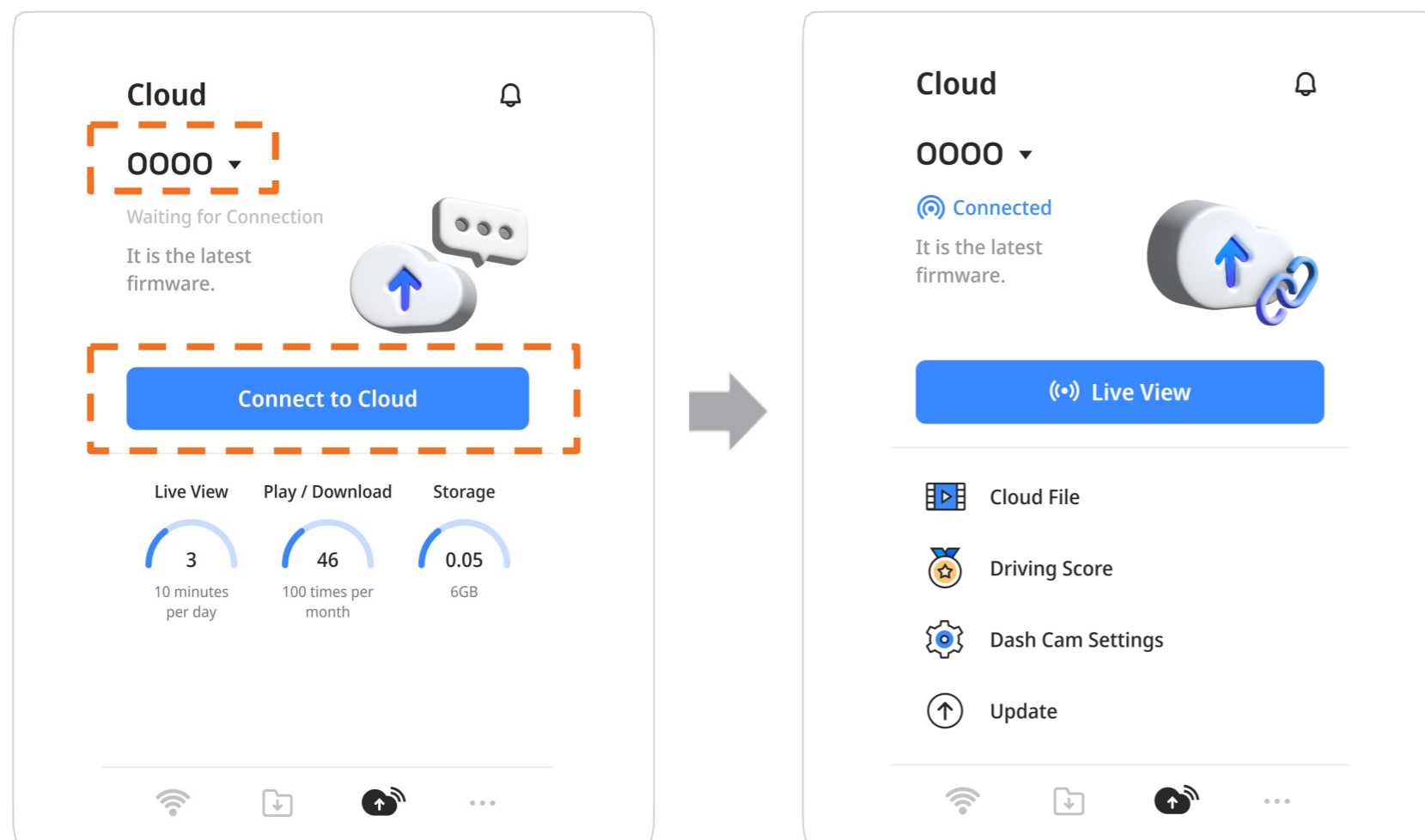
On the cloud home screen of the "FineVu CLOUD & Wi-Fi" app, select the device model name to connect to the cloud, and Tap the **Connect to Cloud** button.
Cloud connection is complete.

Using the Wi-Fi Feature

Wi-Fi Home Screen

Wi-Fi

1 OOOO ▾

2 Waiting for Connection

It is the latest firmware.

3 Connect Dash Cam

4 ▶ Event Summary

5 ↑ Update

6 **7** **8** **9**

📶   ⤓   ☁↑   •••

Screen before dash cam connection

Wi-Fi

OOOO ▾

📶 Connected

It is the latest firmware.

((•)) Live View

10 ▶ Dash Cam File

▶ Event Summary

11 ⚙ Dash Cam Settings

↑ Update

📶   ⤓   ☁↑   •••

Screen after dash cam connection

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 the video and map information of an event that occurred.
⑤	Shows or updates the versions of the Speed Camera and firmware.
⑥	Redirects to the Wi-Fi home screen, from which you can use Wi-Fi-supported devices.
⑦	Shows the videos that were downloaded to storage from the Wi-Fi or cloud playlist.
⑧	Redirects to the cloud home screen, from which you can use cloud-supported devices.
⑨	Shows the app's notifications, date display format, version, terms and conditions for use and Help.
⑩	Shows or shares downloaded videos.
⑪	Changes settings for the connected dash cam.

ⓘ • When the dash cam is not connected, certain functions such as Dash Cam File and Dash Cam Settings 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.
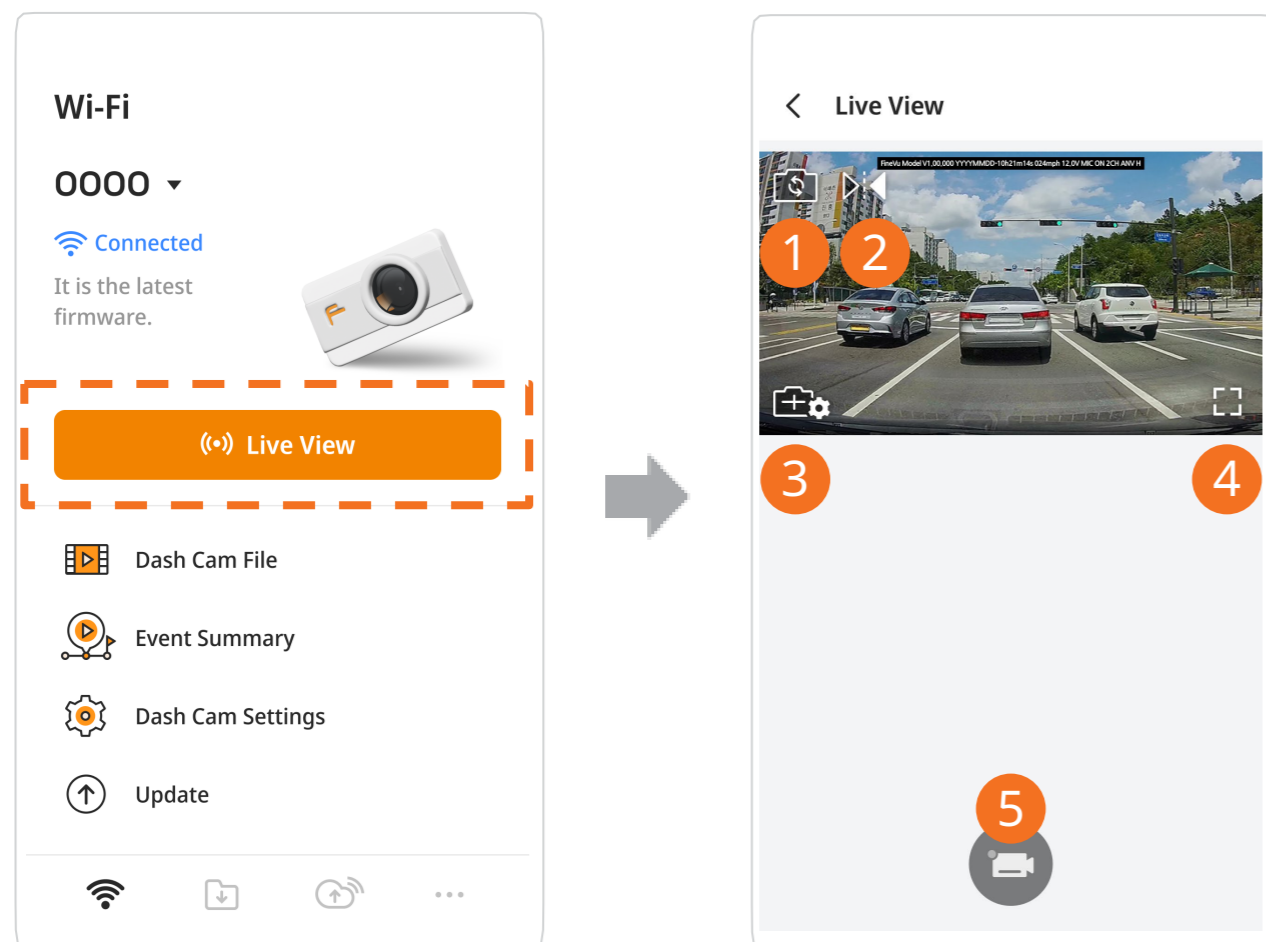
No.	Function
①	Switches the live view screen between front view and rear view modes.
②	Switches the live view screen between left and right sides.
③	Sets the dash cam angle.
④	Switches to full screen mode.
⑤	Performs emergency recording and saves it.

ⓘ • 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**.
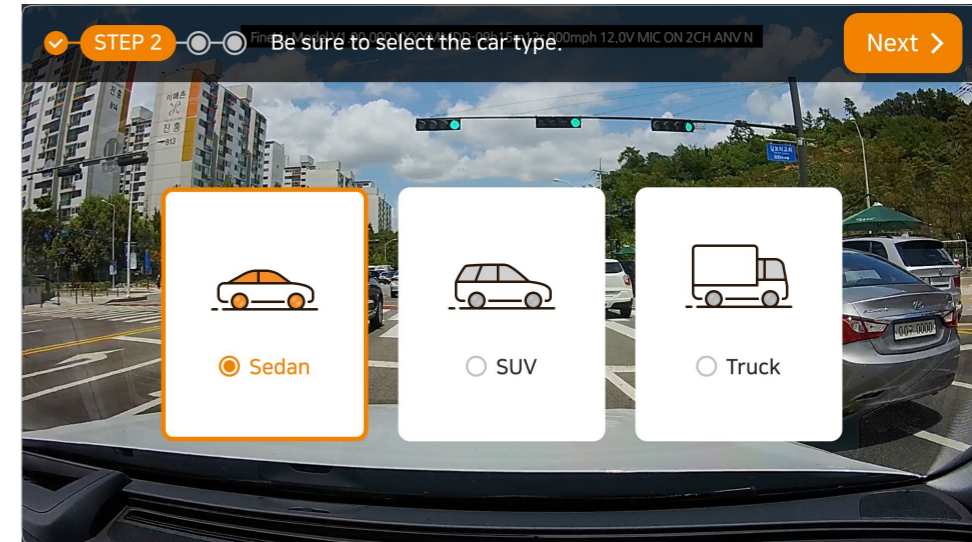
2. Choose the appropriate vehicle type.
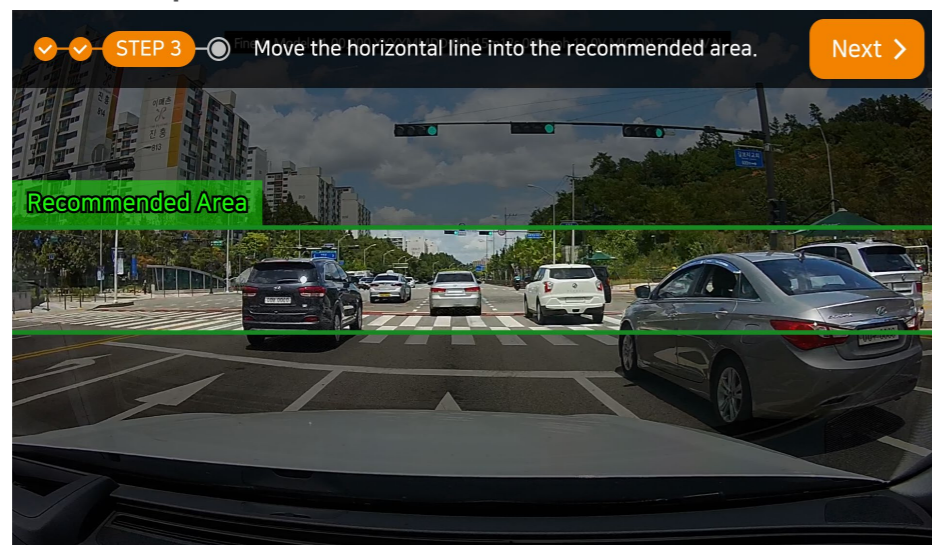
3. Adjust the angle of the front camera to align the horizon into the green area provided on the app screen.
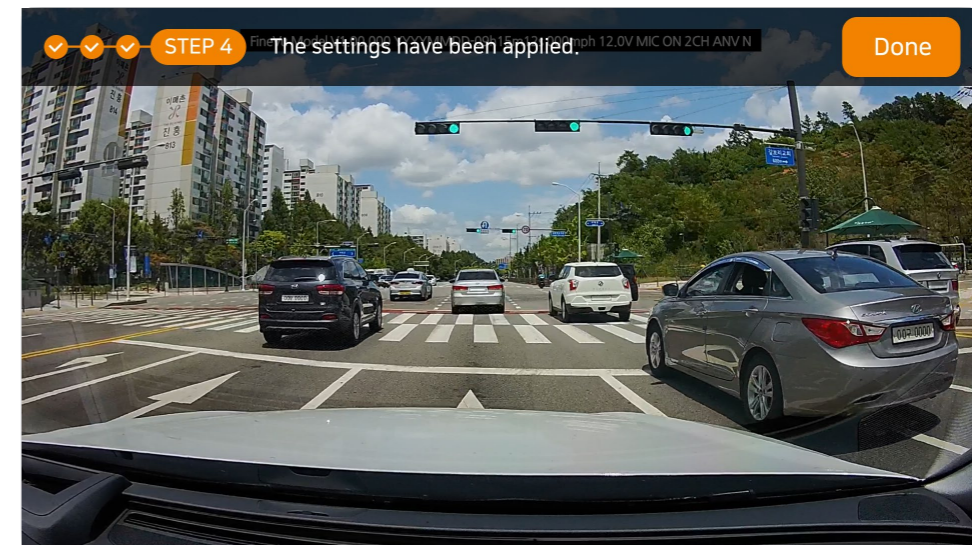
4. The settings have been applied. Tap **Done**.

> · 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	Switches the current video screen between front view and rear view modes.
②	Plays the current video
③	Goes to the previous or next video.
④	Turns on or off the audio of the current video.
⑤	Switches to full screen mode.
⑥	Adds the current video to the bookmarks list.
⑦	Saves the current video to the storage
⑧	Views details about the current video.

Event Summary

On the Wi-Fi home screen, Tap the **Event Summary** button. The events that occurred while driving or parked are displayed on the same screen.
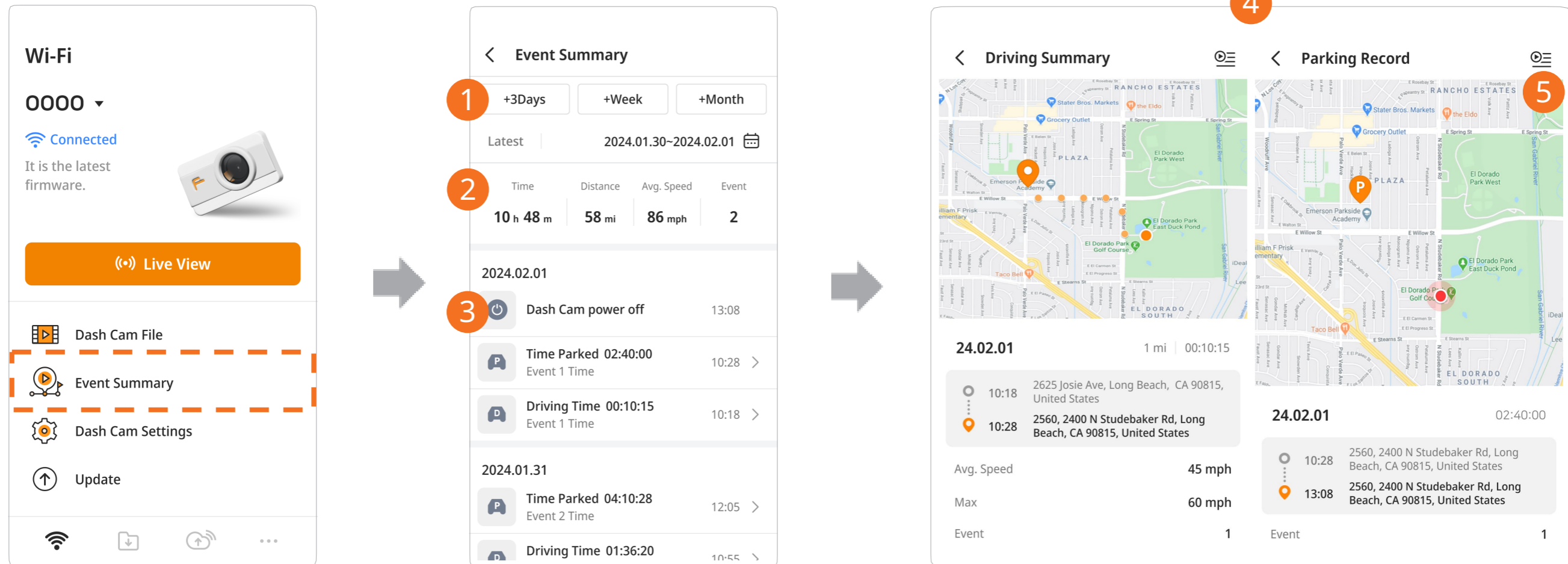
No.	Description of Functions
①	Selects the time period for which you want to check events.
②	Views the total driving time, distance traveled, average driving speed and total number of impacts for the selected period.
③	Views a summary of events recorded for the selected period.
④	Views details about the selected event recorded while driving or parked, such as the map information, average speed, maximum speed and number of impacts.
⑤	Displays the list of videos (the "Dash Cam File" menu) related to the selected event record. • The feature is not available if a dash cam is not connected.

Using the Cloud Feature

Cloud Home Screen

Cloud

① OOOO ▾

② Waiting for Connection
It is the latest firmware.

③ **Connect to Cloud**

④ Live View / Play / Download / Storage
3 — 10 minutes per day
46 — 100 times per month
0.05 — 6GB

⑤ ⑥ ⑦ ⑧
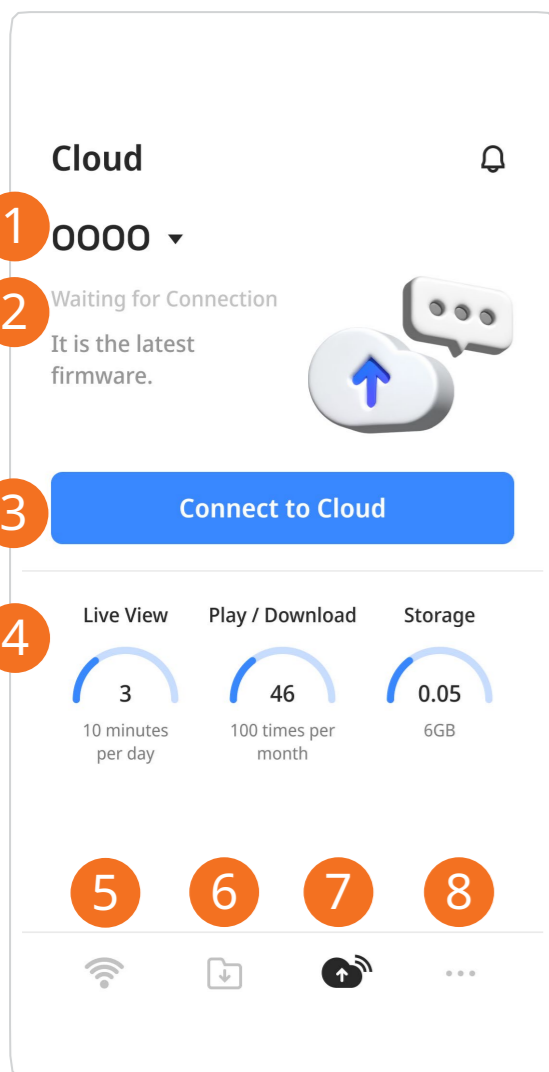
Screen before Cloud connection

Cloud ⑨

OOOO ▾
⊚ Connected
It is the latest firmware.

((•)) Live View

⑩ Cloud File
⑪ Driving Score
⑫ Dash Cam Settings
⑬ Update
⑭ Cloud Setting

Live View / Play / Download / Storage
3 — 10 minutes per day
46 — 100 times per month
0.05 — 6GB
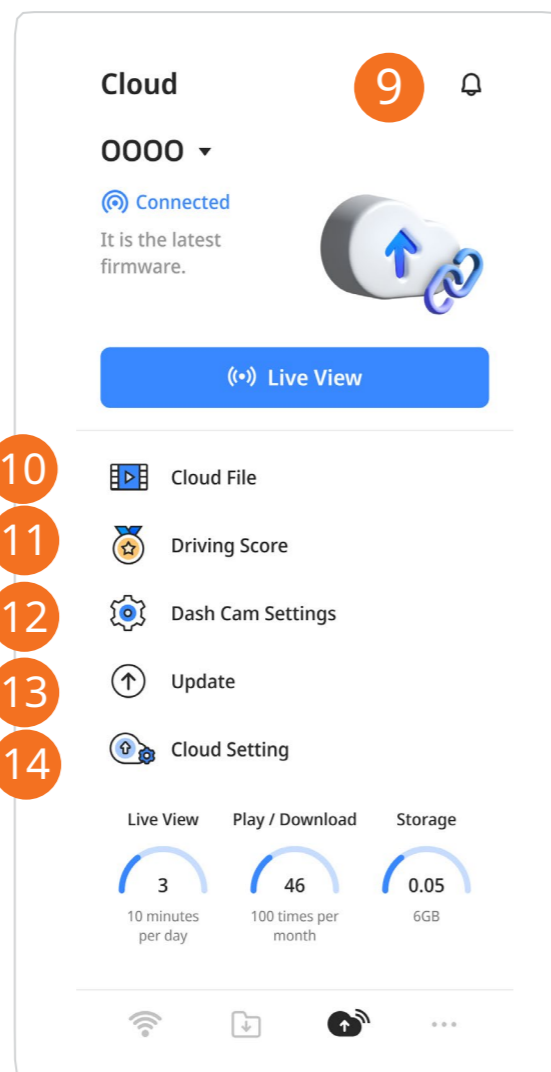
Screen after Cloud connection

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	Checks the Cloud storage.
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 or cloud playlist.
⑦	Redirects to the cloud home screen, from which you can use cloud-supported devices.
⑧	Shows the app's notifications, date display format, version, terms and conditions for use and Help.
⑨	Redirects to the notification list menu.
⑩	Shows or shares videos uploaded to the Cloud.
⑪	Driving scores are provided.
⑫	Changes settings for the connected dash cam.
⑬	Shows or updates the versions of the Speed Camera, Device language, and firmware.
⑭	Checks the Cloud connection status, Cloud plan, and usage report.

ⓘ • When the dash cam is not connected, certain functions such as Dash Cam File and Dash Cam Settings are disabled.

Real-time Push Notifications

At the top of the cloud home screen, tap the bell icon. You can see the details of received push notifications or change push notification settings.
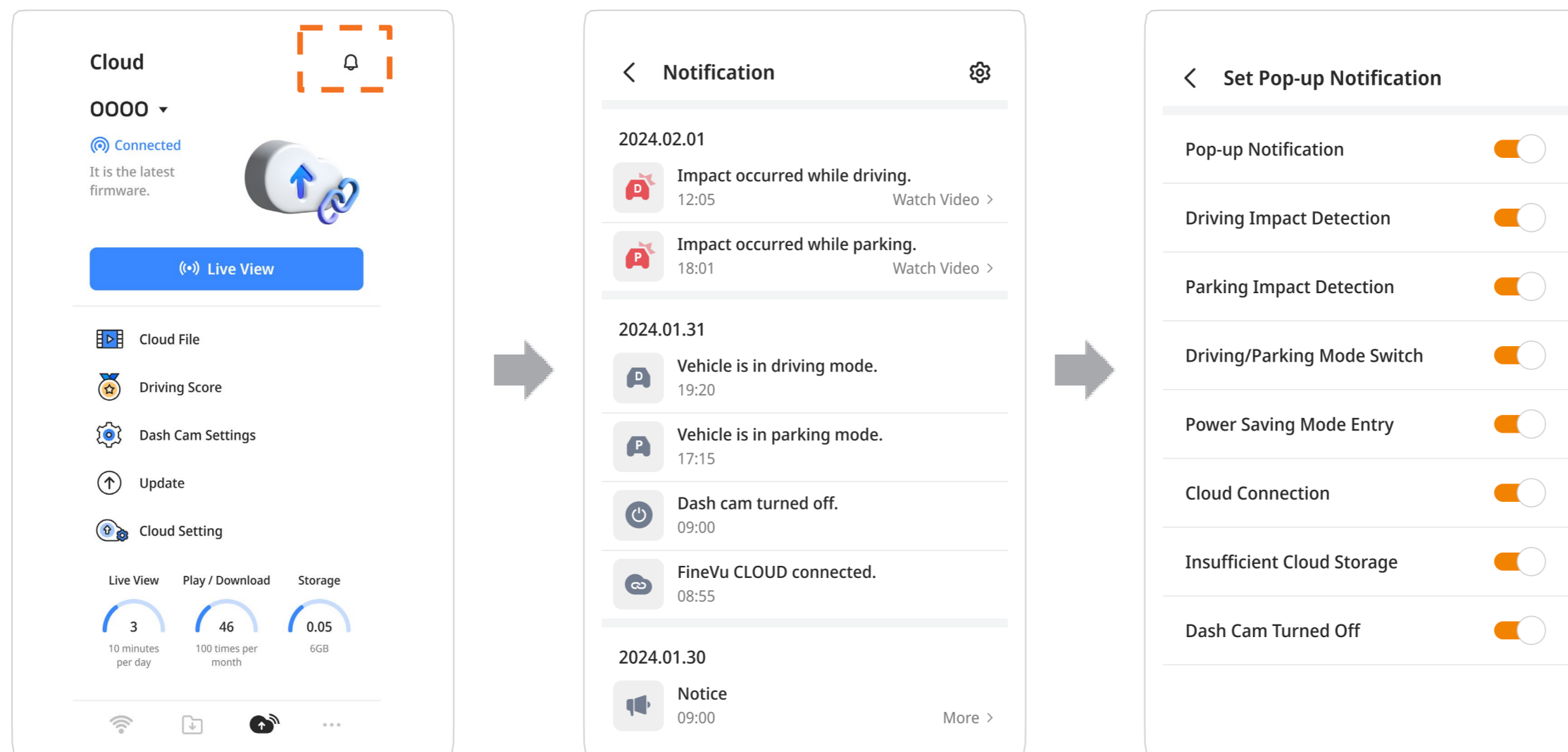
Live View (For real-time video feed)

On the cloud home screen, Tap the **Live View** button. Live video feed from the dash cam and the vehicle location can be viewed in real time.
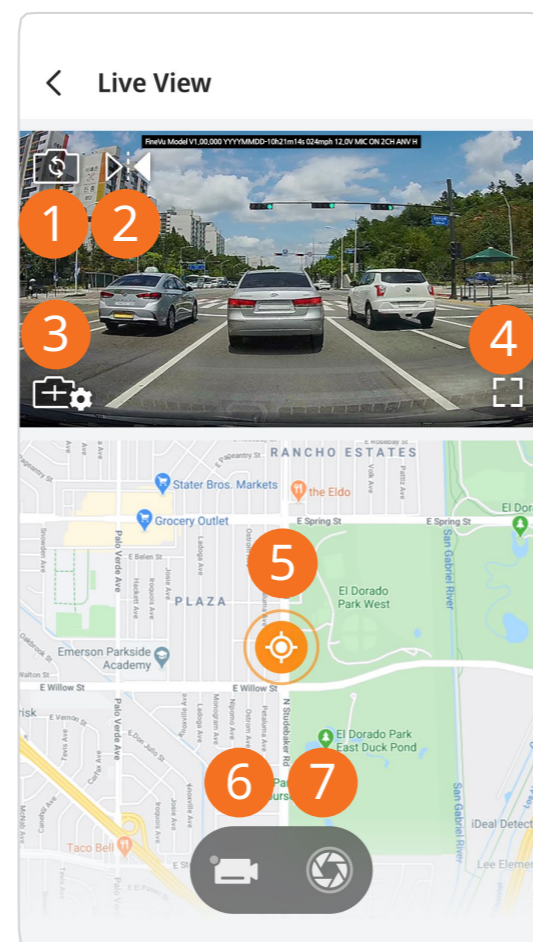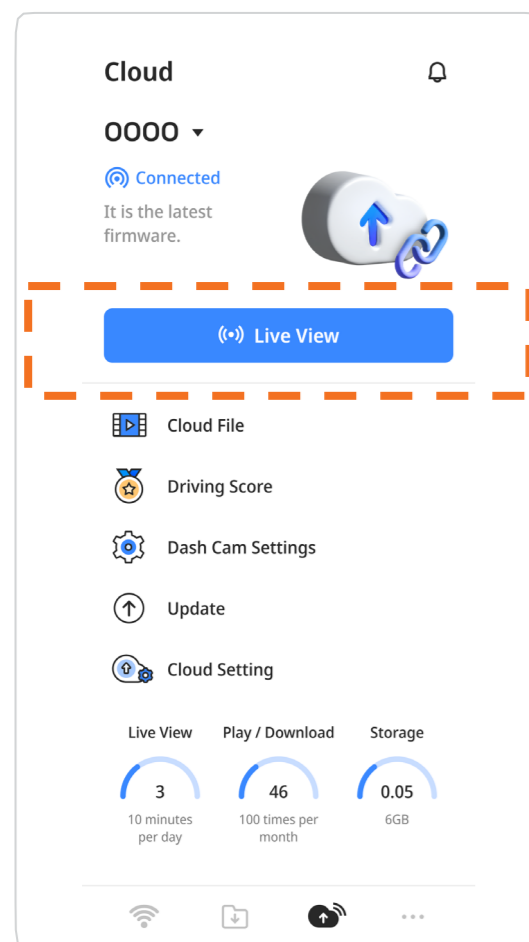
No.	Functional description
①	Switches the live view screen between front view and rear view modes.
②	Switches the live view screen between left and right sides.
③	Sets the dash cam angle.
④	Switches to full screen mode.
⑤	Views the vehicle location corresponding to the current live video feed.
⑥	Performs emergency recording and save it.
⑦	Captures the live view screen.

Cloud File (For playback of videos stored in the cloud)

On the cloud home screen, Tap the **Cloud File** button. The screen displays the videos that were automatically uploaded to the cloud when impacts occurred while driving or parked or when emergency recordings occurred.
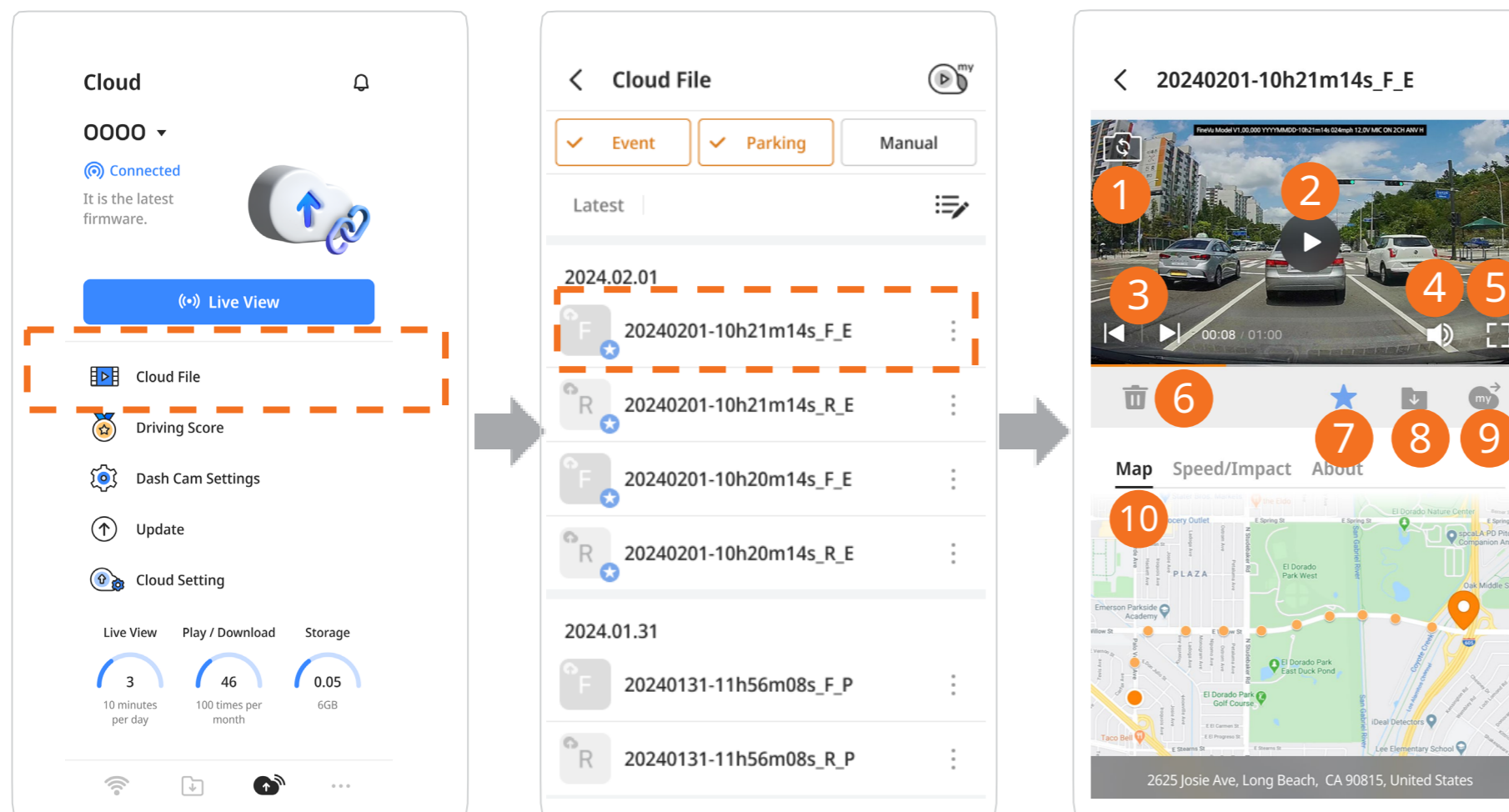
No.	Description of Functions
①	Switches the current video screen between front view and rear view modes.
②	Plays the current video.
③	Goes to the previous or next video.
④	Turns on or off the audio of the current video.
⑤	Switches to full screen mode.
⑥	Deletes the current video.
⑦	Adds the current video to the bookmarks list.
⑧	Saves the current video to the storage.
⑨	Saves the current video to My Cloud.
⑩	Views details about the current video.

Driving Score

On the cloud home screen, Tap the **Driving Score** button to analyze your driving style.
Driving scores are provided based on the records of events, including rapid acceleration, rapid decelerations, and speeding events when your dash cam is equipped with a GPS module.
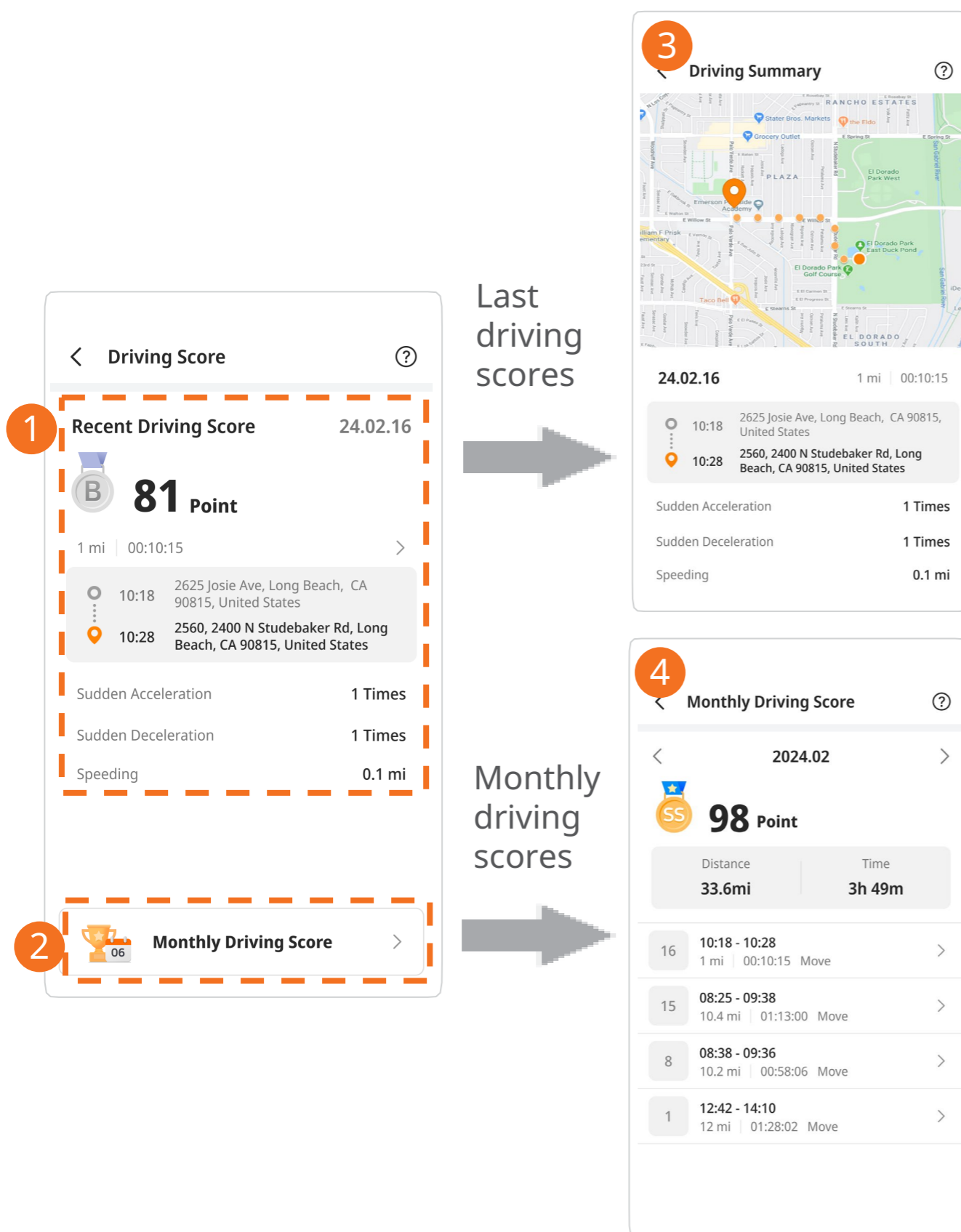
No.	Description of Functions
①	Views your last driving scores. If you tap on the screen, you are redirected to the corresponding event record screen.
②	Displays the monthly driving score screen.
③	Views the event records generated during your last drive.
④	Views your monthly driving scores. If you select a drive from the list, you are redirected to the corresponding event record screen.
⑤	Views the event record generated during the selected drive.
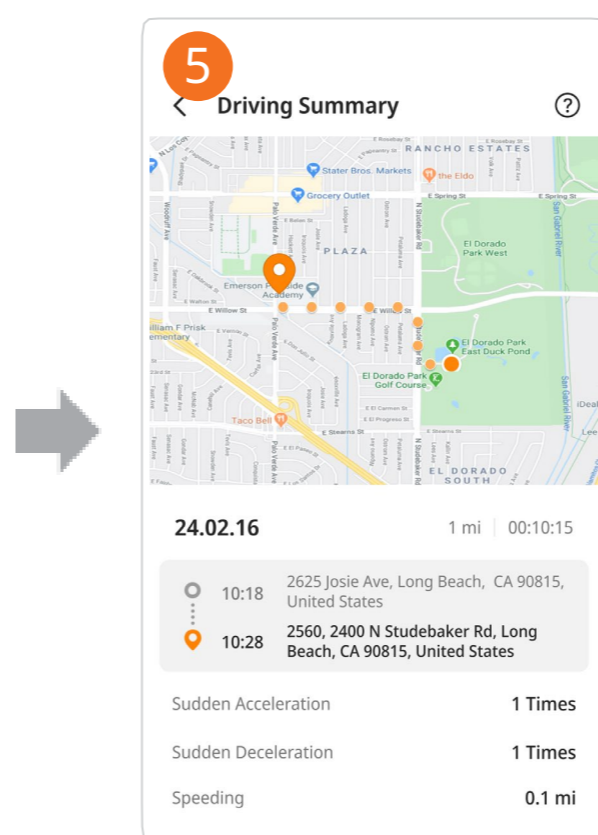
Using the storage (shared between Wi-Fi and cloud)

Storage

With the dash cam connected, select videos from the list on the "Dash Cam File" or "Cloud File" screen, and download the videos to the storage. Collect downloaded videos in the storage, and view them from the same screen.
· In the list of files on the storage screen, the cloud icons indicate the files stored in the cloud.

Dash Cam File Screen

Storage

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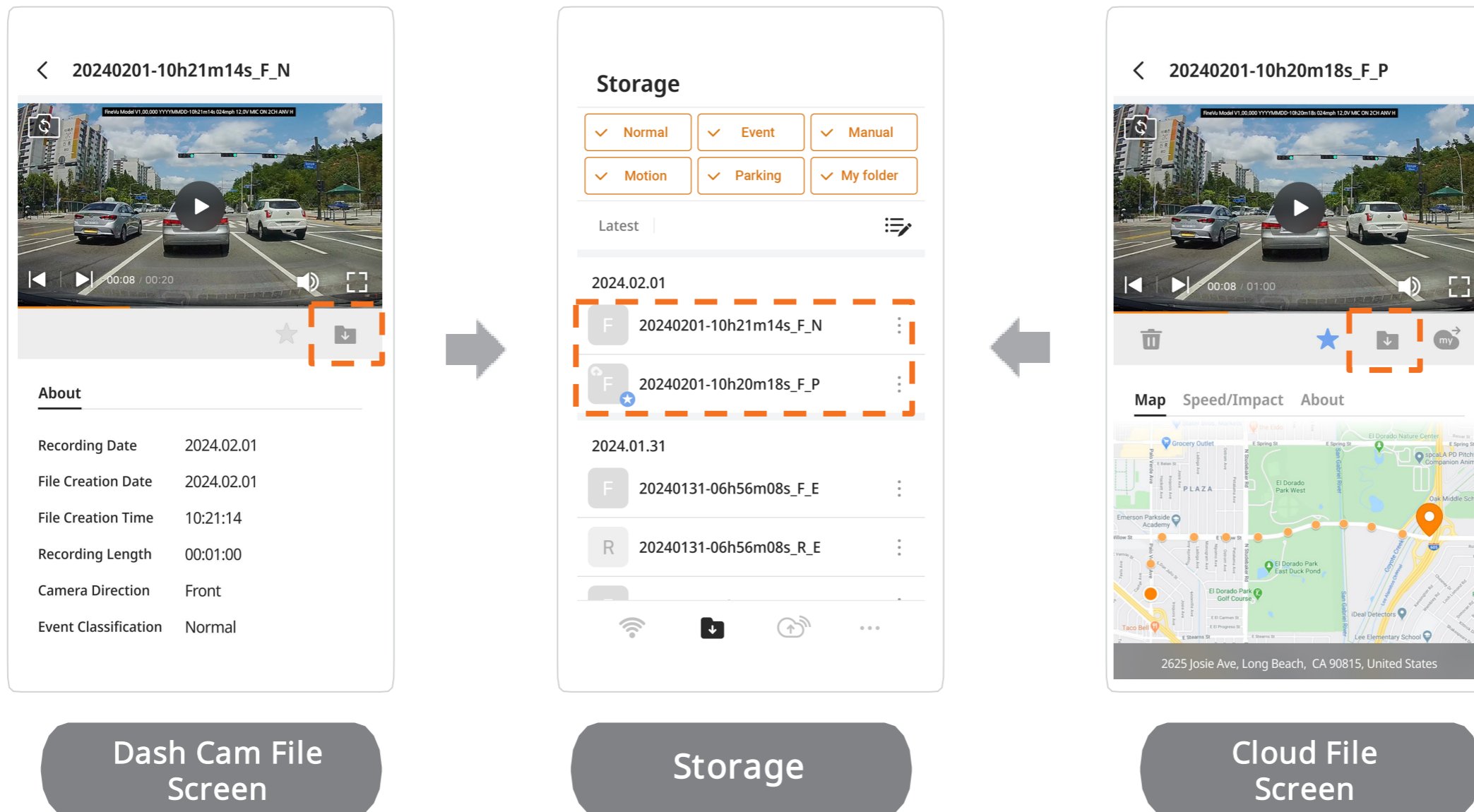
• When playing an original video file saved in the micro SD card, speed/ impact information and the map are displayed.

Settings

Tap the **Dash Cam Settings** button on the main screen. You can select the menu you want and adjust the settings.
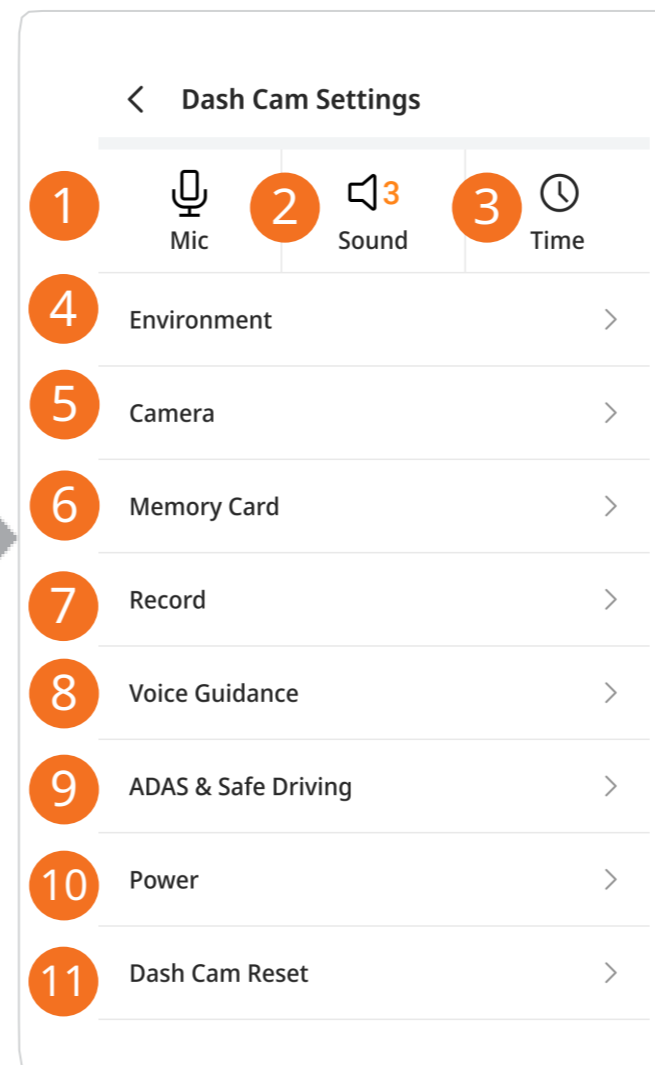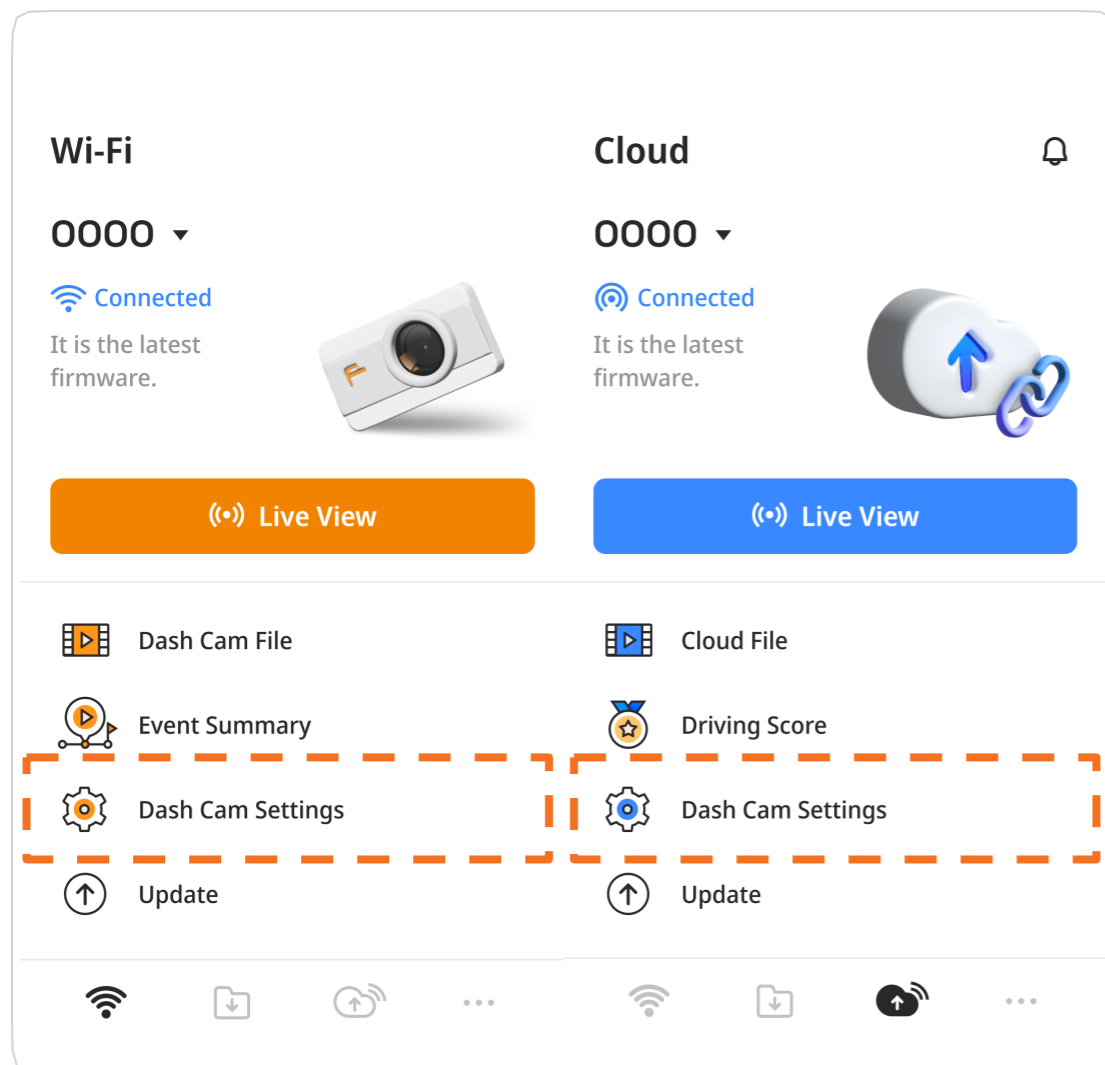
No.	Functional Description
①	Mic ON/OFF
②	Volume setting (Total 5 levels - 0~4)
③	Time setting
④	Environment setting
⑤	Camera setting
⑥	Memory card setting
⑦	Recording setting
⑧	Voice guidance
⑨	ADAS& Safe driving assistant setting
⑩	Power setting
⑪	Reset dash cam setting

· 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.
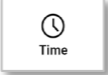
- **Mic / Sound**

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

  By tapping the [Dash Cam Settings ▶ ![Sound 3]], you can adjust the sound volume of the dash cam guide sound and guide message in 5 levels from 0 to 4.
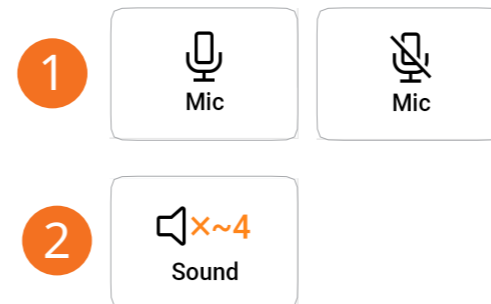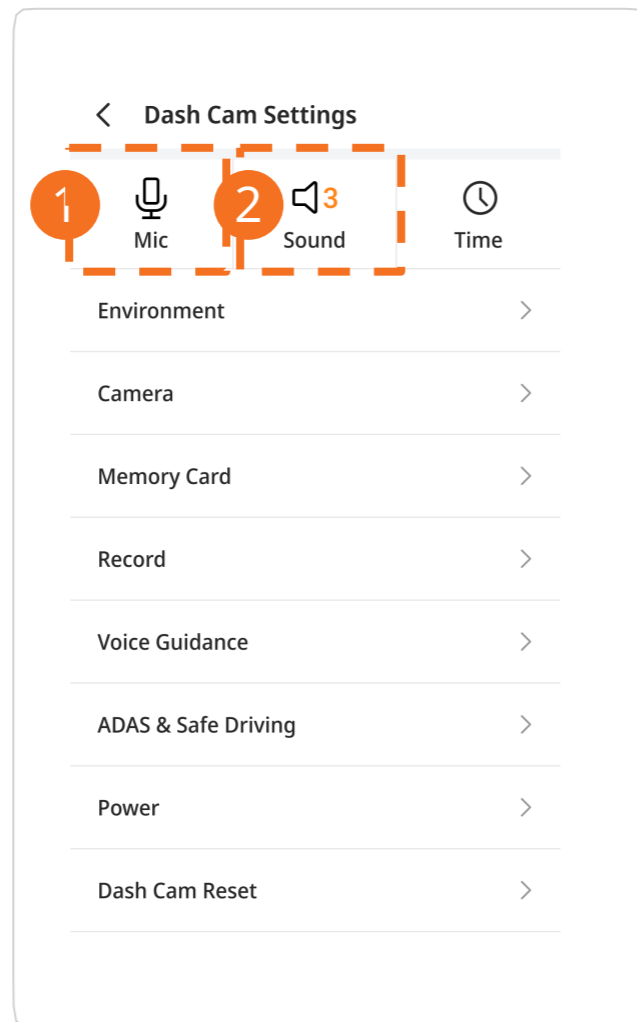
• Time

By tapping the [Dash Cam Settings ▶ [🕐 Time]], you can set the UTC time zone and summer time setting ON/OFF.
(You can set UTC from -12 to +14.)

Dash Cam Settings		
🎤 Mic	🔊3 Sound	🕐 Time
Environment		›
Camera		›
Memory Card		›
Record		›
Voice Guidance		›
ADAS & Safe Driving		›
Power		›
Dash Cam Reset		›

‹ Time

Time Zone

UTC + 10:00 ⌄

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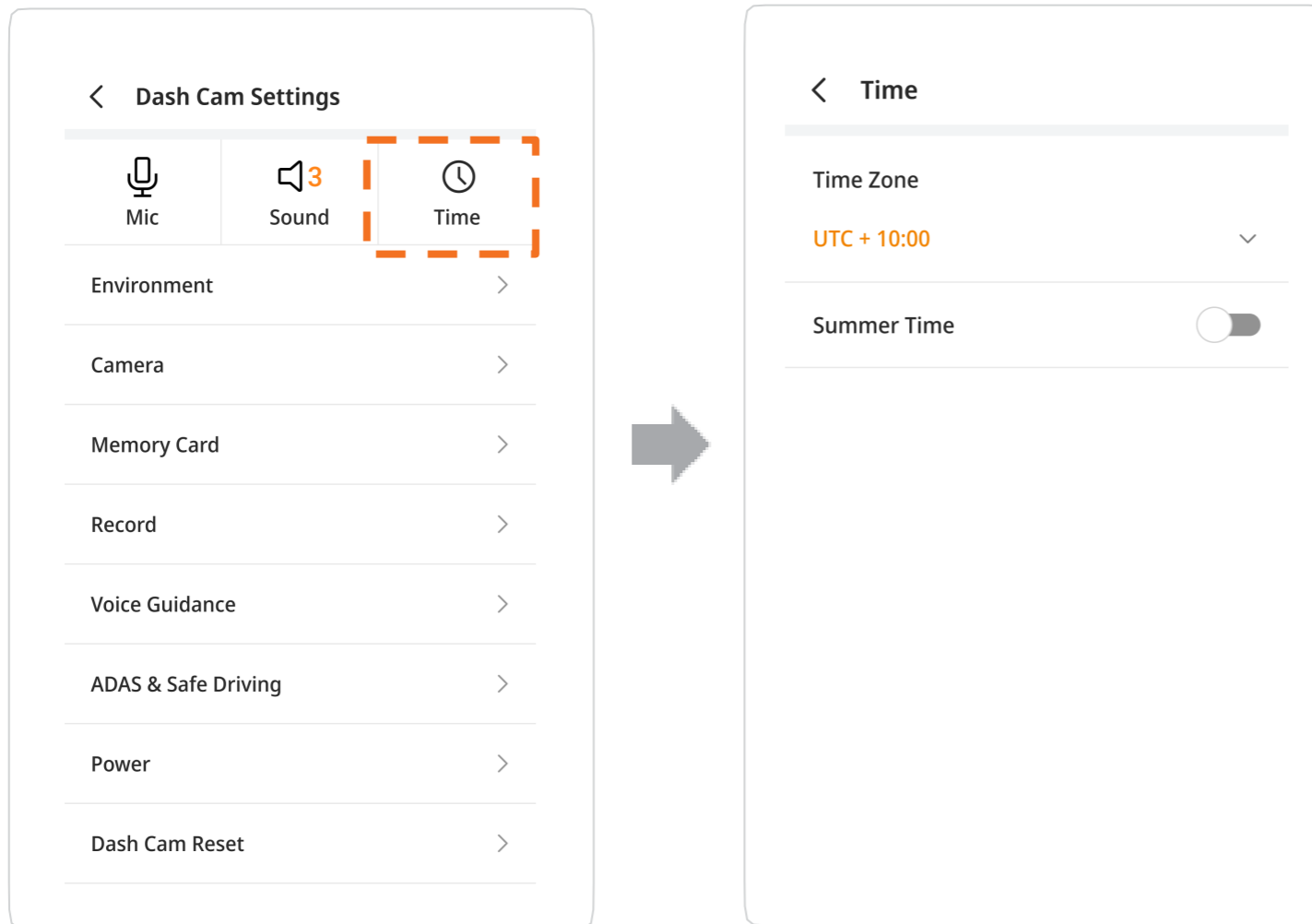
Region	UTC Time Zone
LA Vancouver	-8
Denver	-7
Chicago Mexico City	-6
New York Washington, D.C.	-5
London	0
Berlin Rome Warsaw	+1
Jerusalem	+2
Moscow	+3
Beijing Taipei	+8
Seoul Tokyo	+9
Sydney	+10

UTC Guide

ⓘ · The UTC Guide is for reference, so set the correct UTC time zone for your area of residence or use.

· 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, vehicle type, speed unit, OSD speed display, User text overlay, security LED ON/OFF, and status LED brightness control.
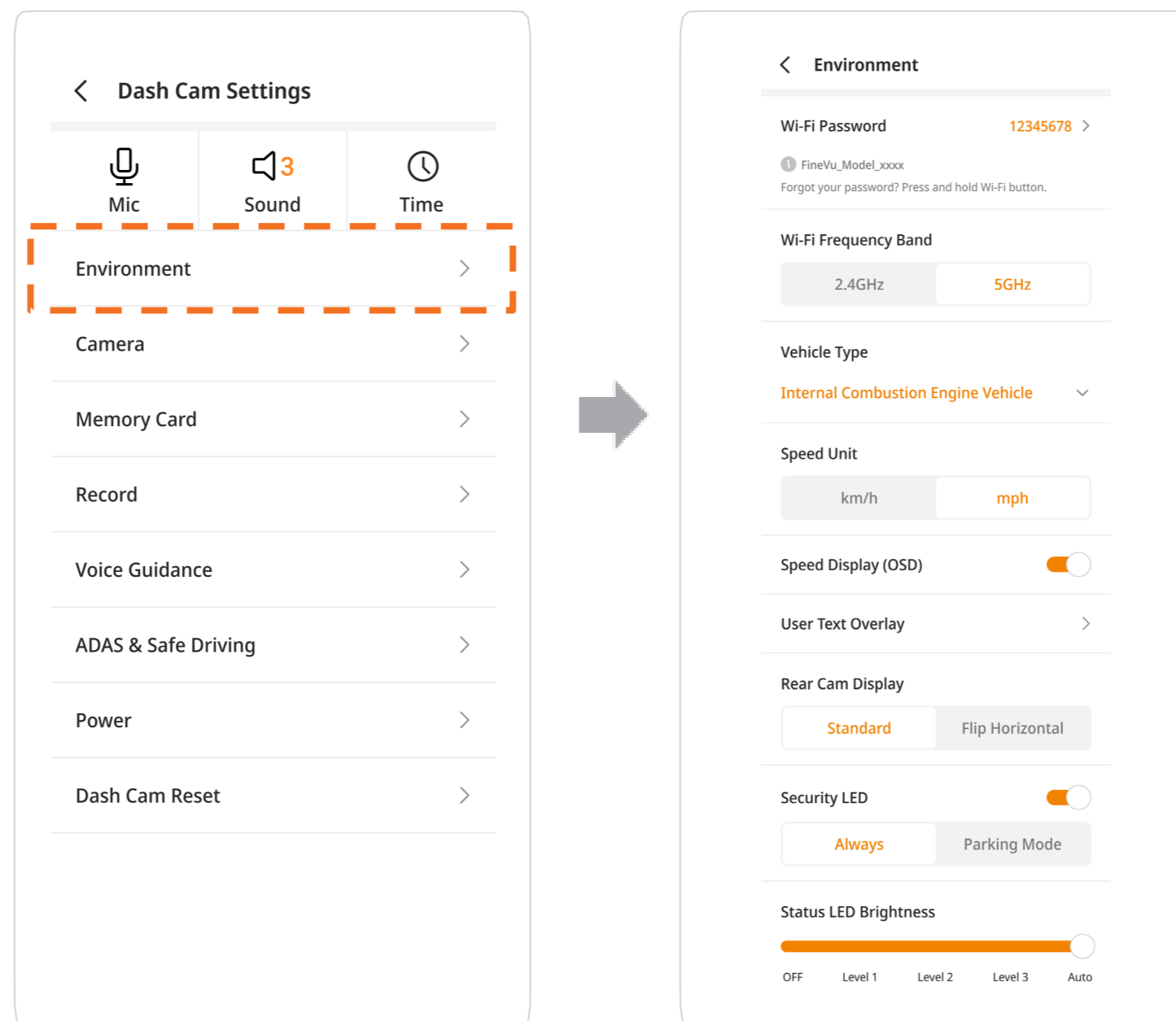
⋅ If you forget your password, you can reset it by Tapping and holding the **Wi-Fi** button on the main body of the dash cam for longer than 3 seconds. (See the 'How to Use > LED color and operation description')

• **Camera**

By tapping [Dash Cam Settings ▶ Camera], you can turn HDR ON/OFF, and adjust the brightness of the rear image.
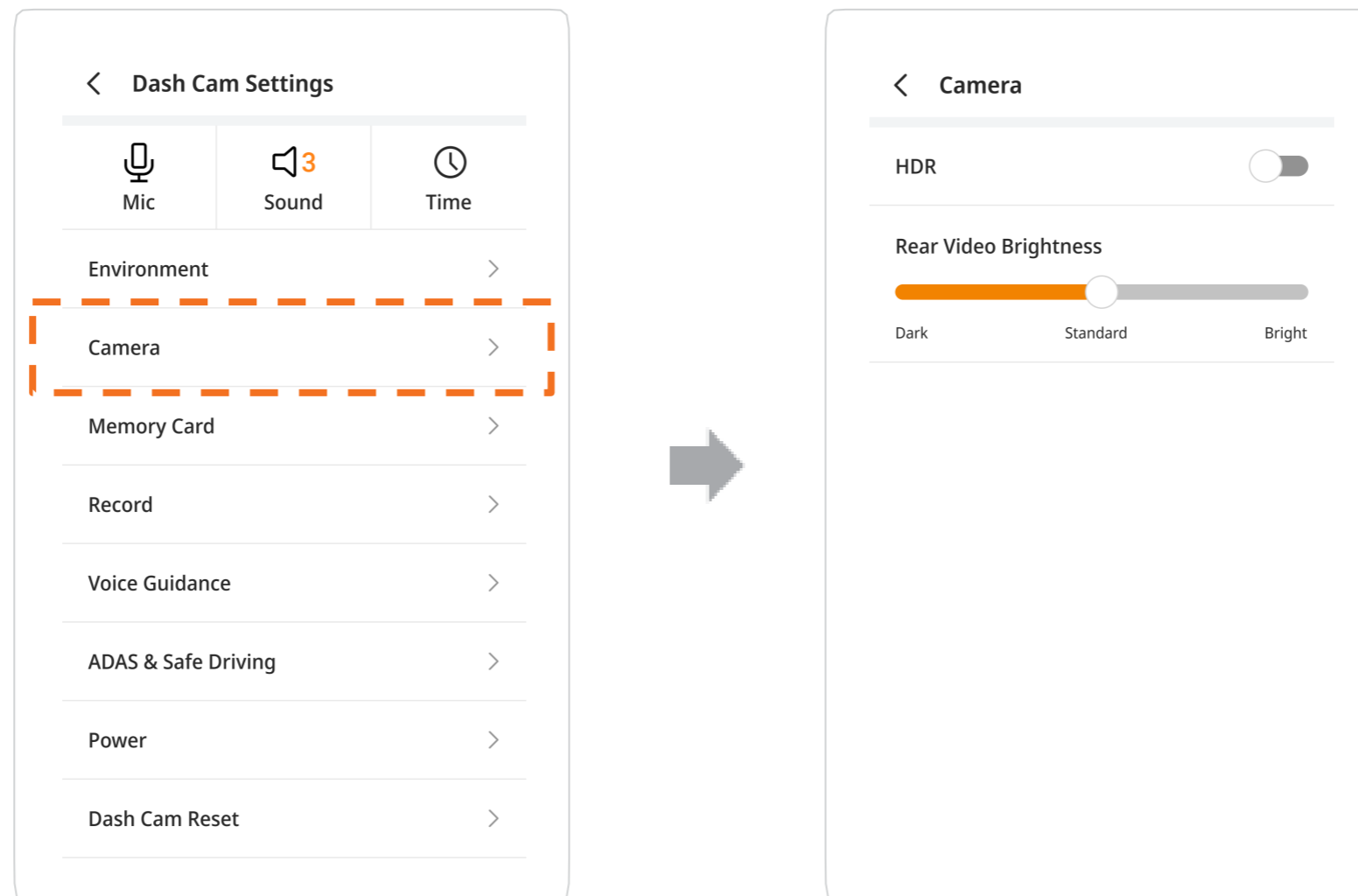
• Memory Card

By tapping [Dash Cam Settings ▶ Memory Card], you can select one of 4 types of memory partitions and set overwriting restrictions. (4 types of memory partitions – Driving Priority, Event Priority, Parking Priority, Driving Only)
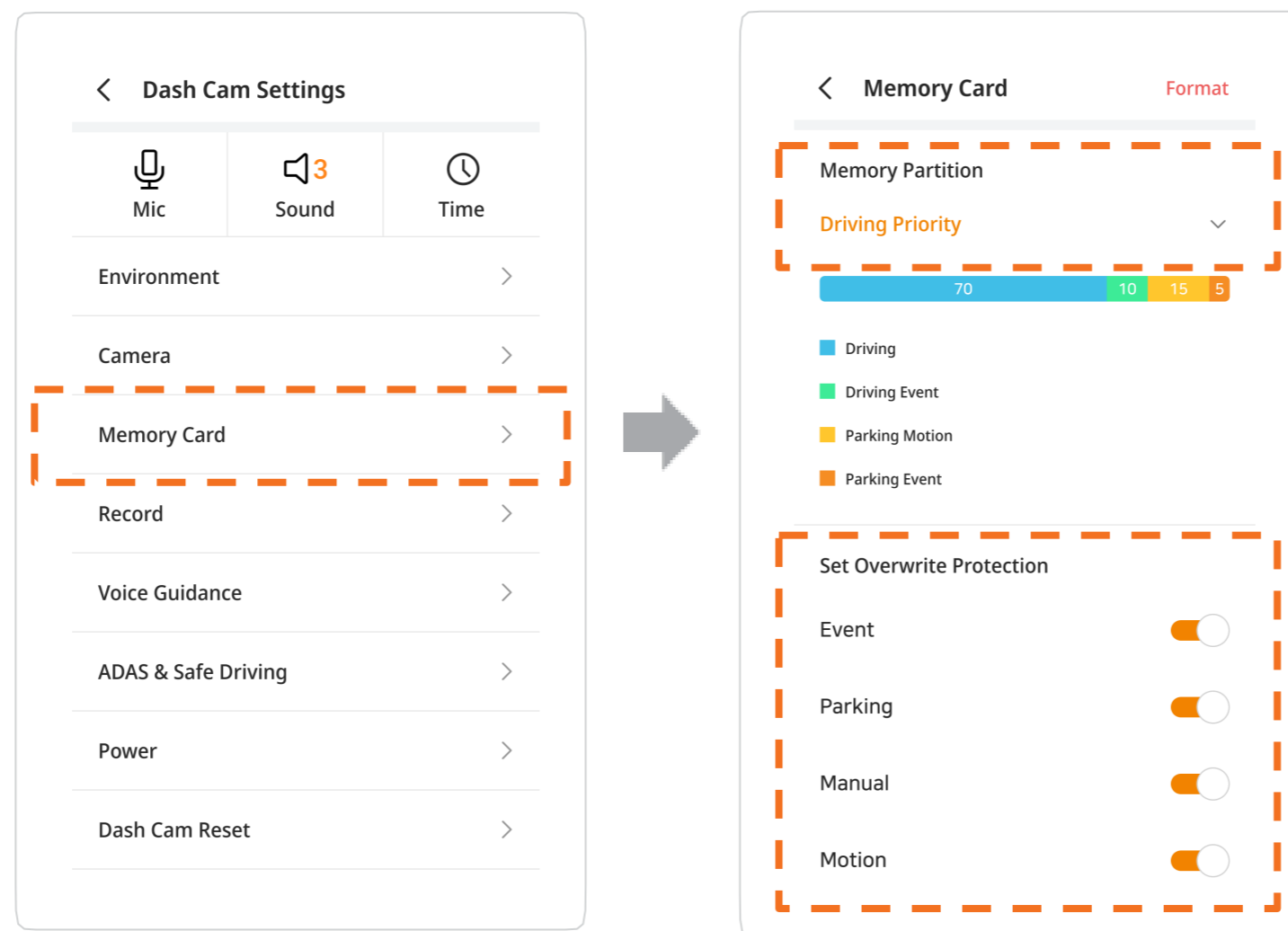
· When the overwriting restriction is set, the videos are saved up to the allocated capacity.
Once the allocated range is full, videos are no longer saved.

· This option will not be reset even after the memory card settings are formatted.

- **Record**

    By tapping [Dash Cam Settings ▶ Record], you can set the recording type for driving and parking recording, Impact sensitivity, Motion sensitivity, etc.
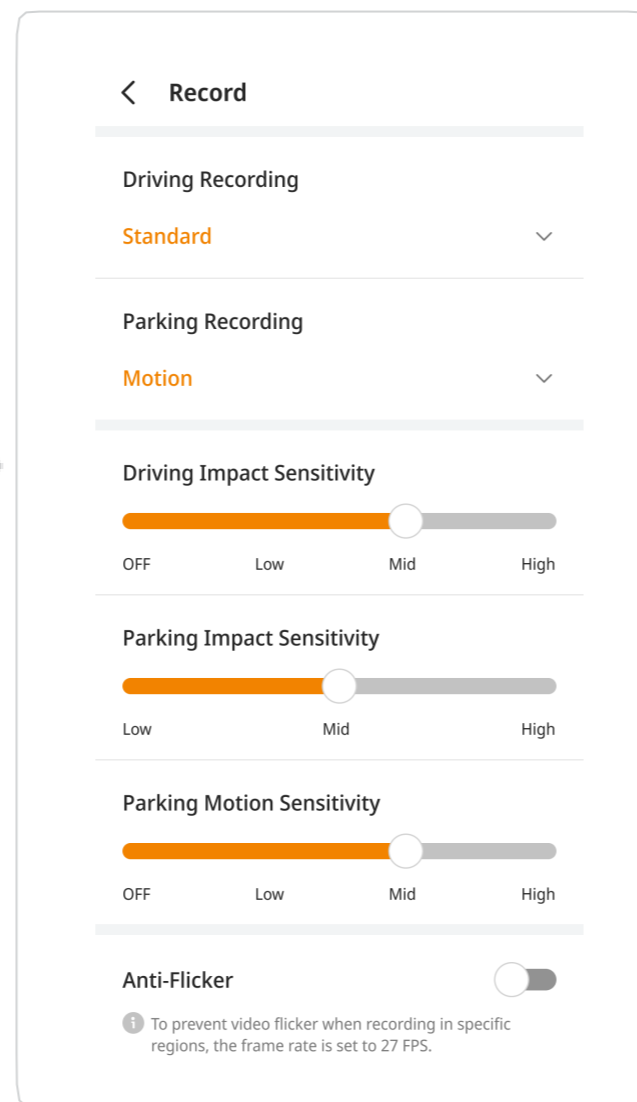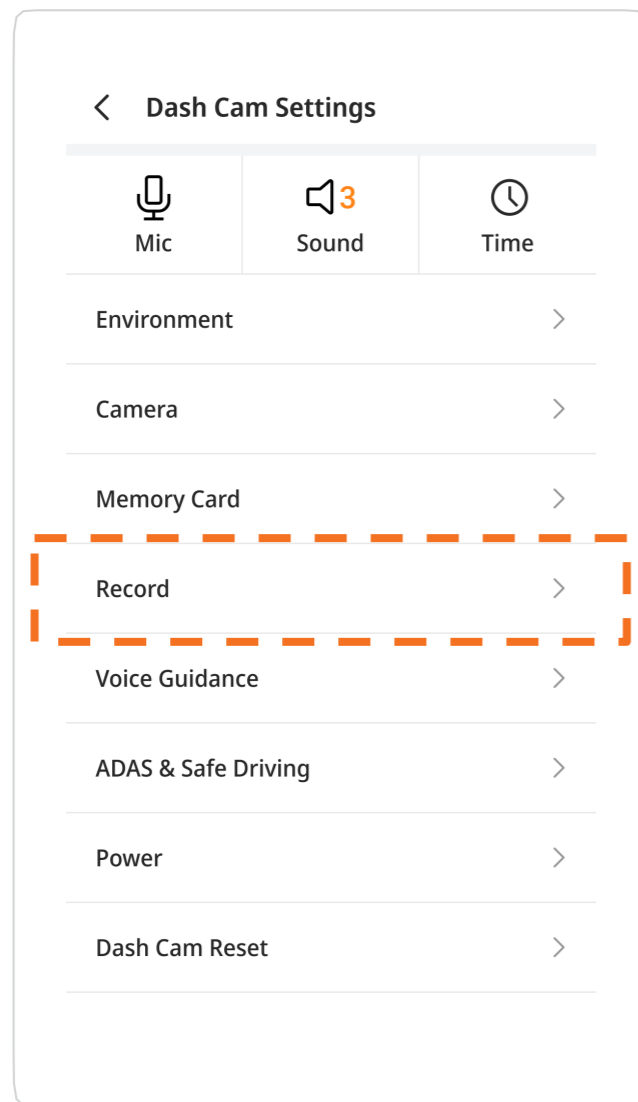
Setting Screen	
Driving Recording	Standard
Parking Recording	Motion / Power Saving Mode / OFF
Driving Impact Sensitivity	OFF / Low / Mid / High
Parking Impact Sensitivity	Low / Mid / High
Parking Motion Sensitivity	OFF / Low / Mid / High
Anti-Flicker	ON / OFF

- **Voice Guidance**

    Through the [Dash Cam Settings ▶ Voice Guidance], you can configure recording voice guidance, such as Wi-Fi Status, c amera, etc.
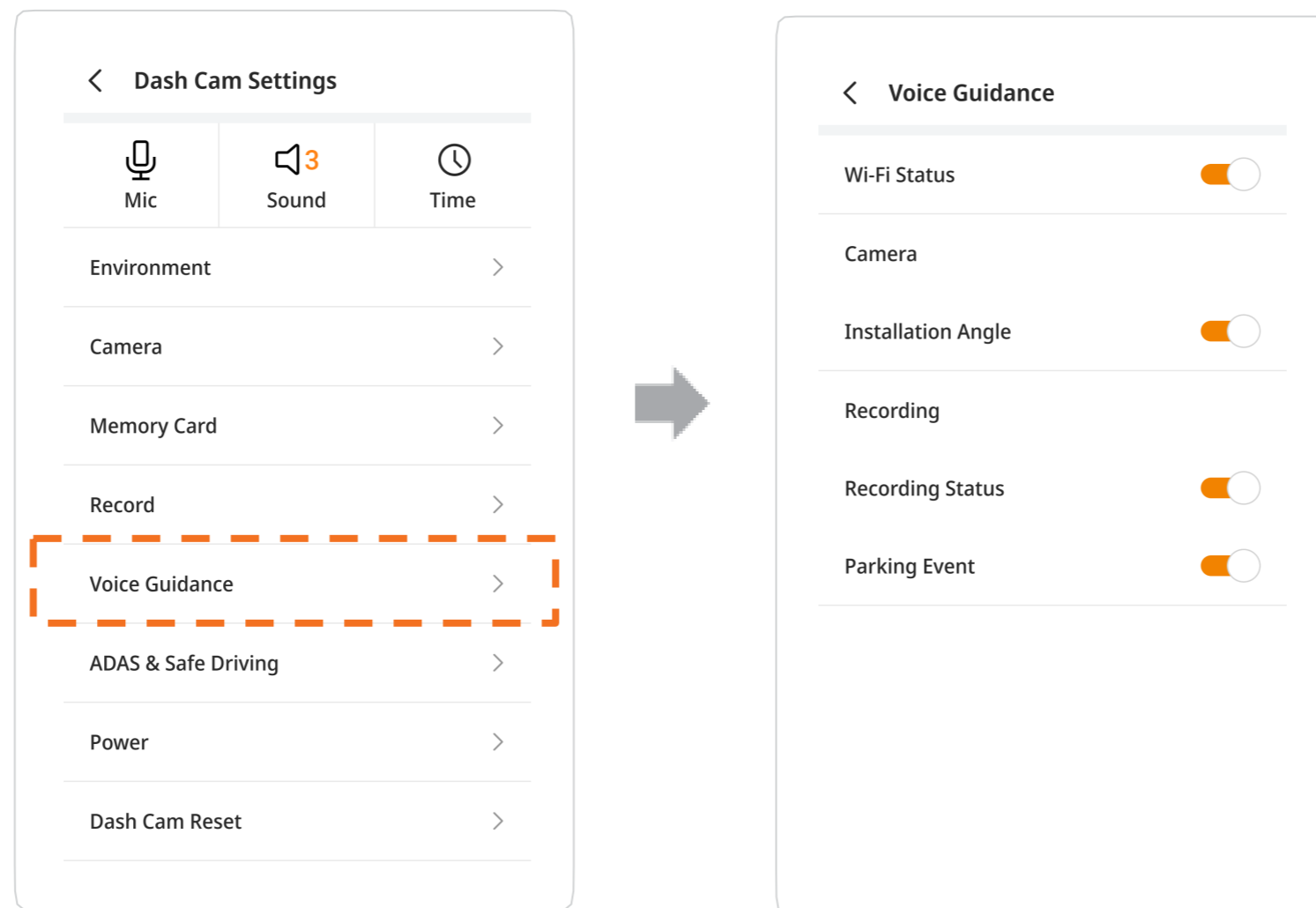
• **ADAS & Safe Driving**

Through the [Dash Cam Settings ▶ ADAS & Safe Driving], you can configure FVMA, LDWS, Hour alarm notification, Speed camera notification, Mobile camera alert, and Driving rest notification.

‹ **Dash Cam Settings**

| 🎤 Mic | 🔊3 Sound | 🕐 Time |

Environment	›
Camera	›
Memory Card	›
Record	›
Voice Guidance	›
ADAS & Safe Driving	›
Power	›
Dash Cam Reset	›

➡

‹ **ADAS & Safe Driving**

| Speed Camera Alert | ⬤ |
| FVMA | ⬤ |

LDWS

OFF   60 mph   80 mph   100 mph

Mobile Camera Alert	⬤
Hour Alarm	⬤
Driving Rest Notification	⬤

Alert Method

Beep   ⌄

Regardless of the ADAS and Speed Camera settings, no notification is provided if the speaker sound is turned off.

• **Power**

Through [Dash Cam Settings ▶ Power], you can set Using auxiliary battery ON/OFF, Low voltage, and Cut-off time.
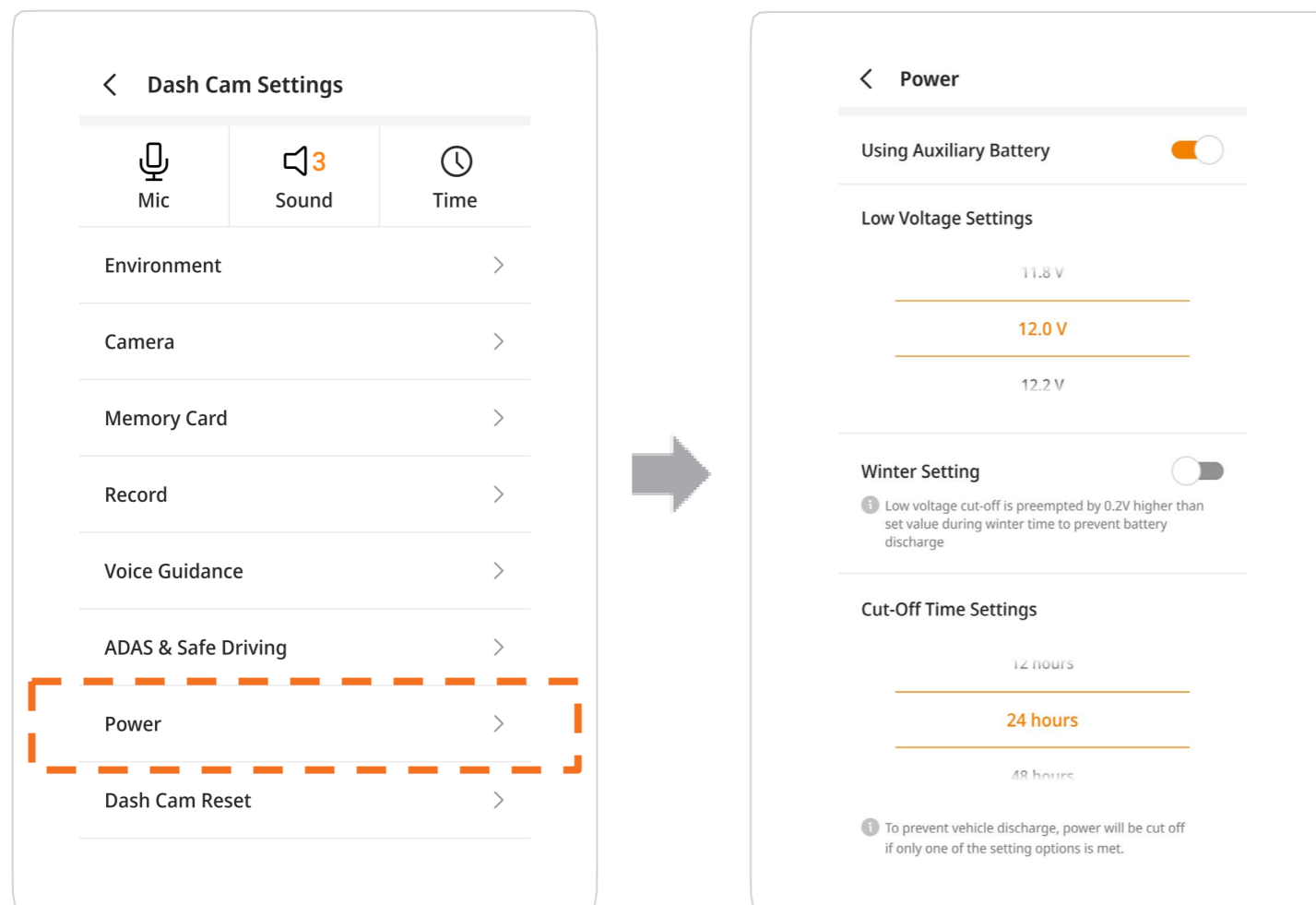
Vehicle Type	Low Voltage Settings
Internal Combustion Engine Vehicle	11.6V / 11.8V / 12.0V / 12.2V / 12.4V / 12.6V / 12.8V / 13.0V / 13.2V / 13.4V / 13.6V / 13.8V / Auxiliary battery only
HEV / PHEV	12.8V / 13.0V / 13.2V / 13.4V / 13.6V / 13.8V / 14.0V / 14.2V / 14.4V / 14.6V / Auxiliary battery only
EV	12.2V / 12.4V / 12.6V / 12.8V / 13.0V / 13.2V / 13.4V / 13.6V / 13.8V / 14.0V / 14.2V / 14.4V / 14.6V / Auxiliary battery only
Truck (Input power 18V or above)	23.2V / 23.6V / 24.0V / 24.4V / Auxiliary battery only

ⓘ · Set the voltage cut-off setting appropriate for your vehicle model. Otherwise, the vehicle may be discharged. (The vehicle type can be changed in 'Dash Cam Settings' > 'Environment').

- **Dash Cam Reset**

  By tapping [Dash Cam Settings ▶ Dash Cam Reset], you can reset the dash cam setting and the memory card.
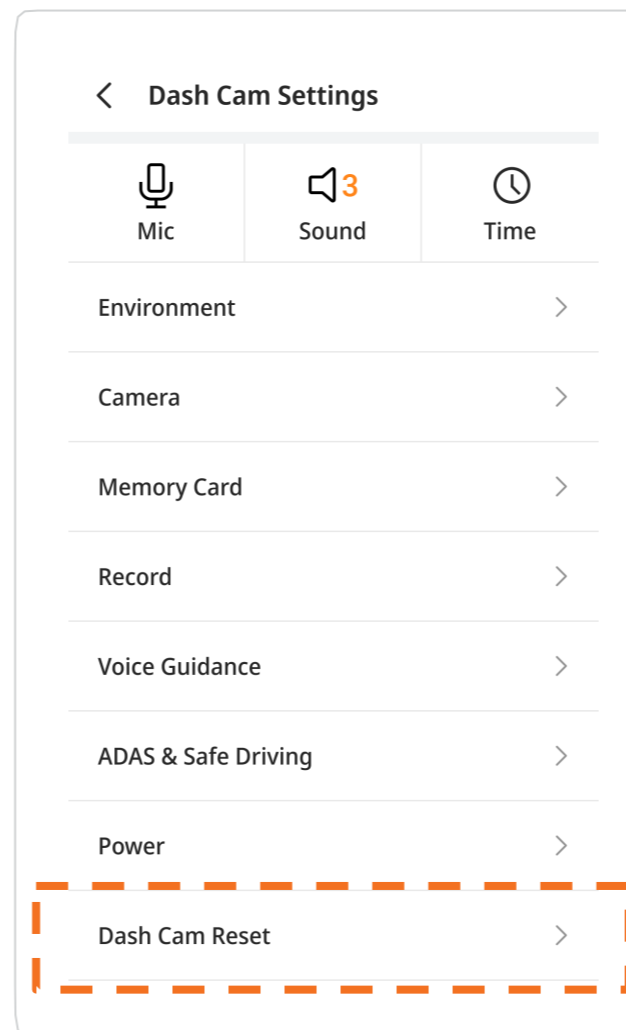
· If you change the memory allocation to a value other than the default value, the memory card will be formatted. Please ensure that you have saved any important videos to a separate device before proceeding.

Changing the Speed Camera region

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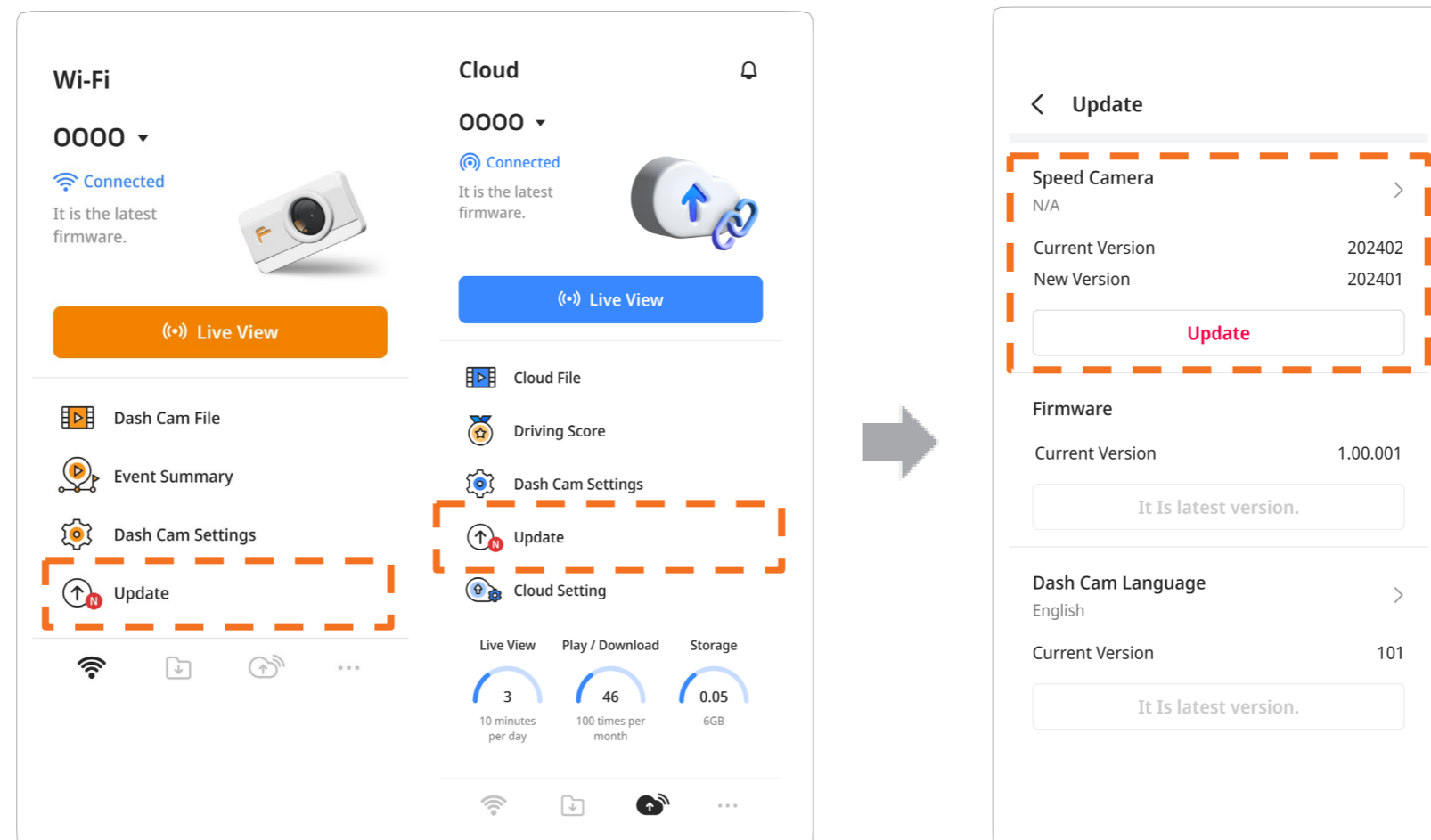
Updating the Firmware from app

With the dash cam connected, navigate to the Wi-Fi or cloud home 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.

Update Notification
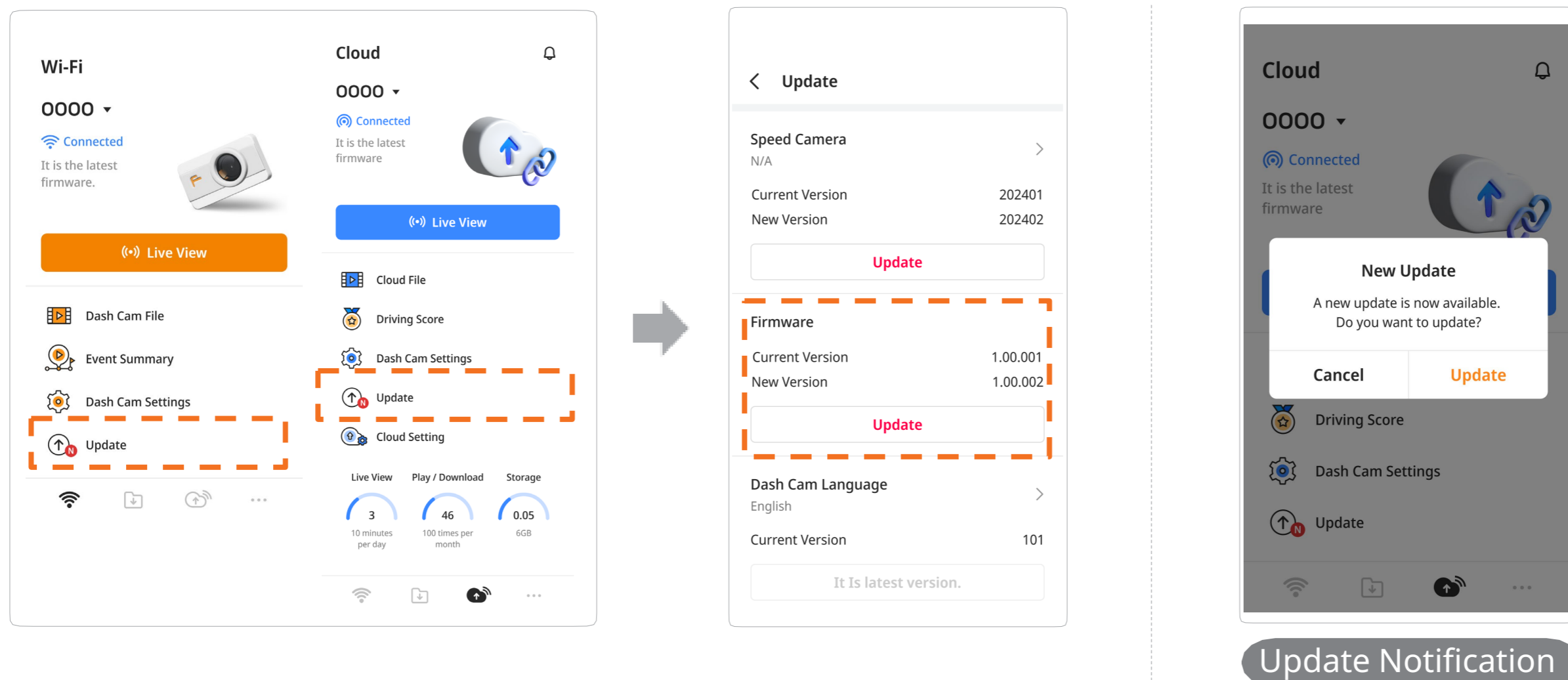
· When there are new updates, you will be notified through a pop-up when connected to the dash cam, and you can proceed with the update by tapping the **Update**.

· 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 cloud home screen. Use the displayed update screen to change or update the dash cam's voice assistant language.
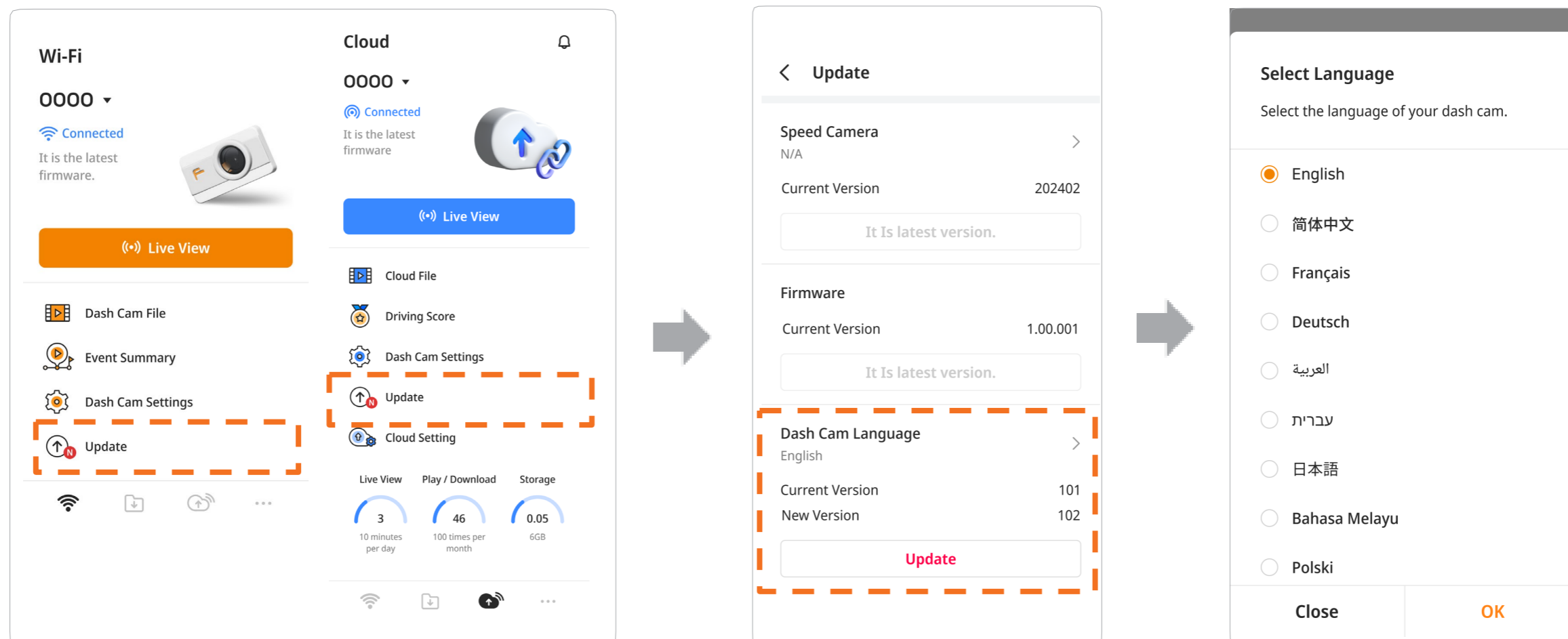
· When the dash cam language is changed, the dash cam reboots.

· 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 or cloud cannot be connected, information regarding driving scores, etc.
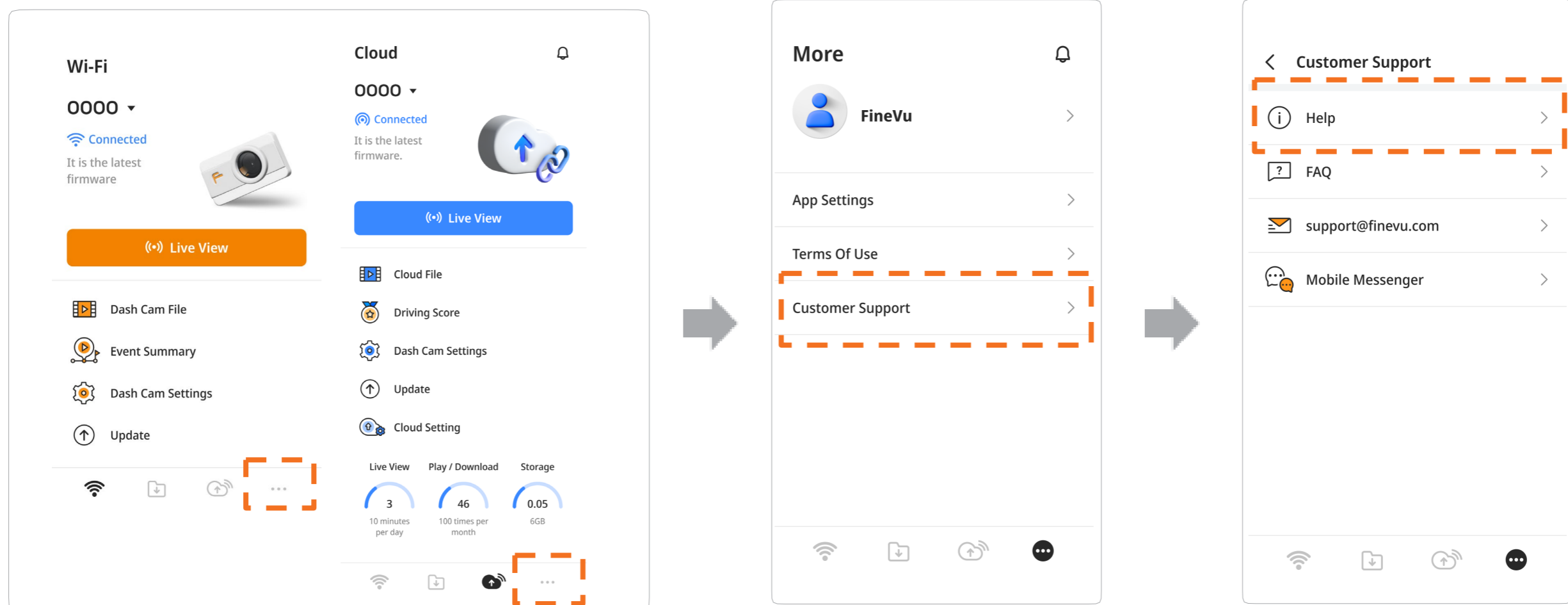
How to use FineVu player

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.
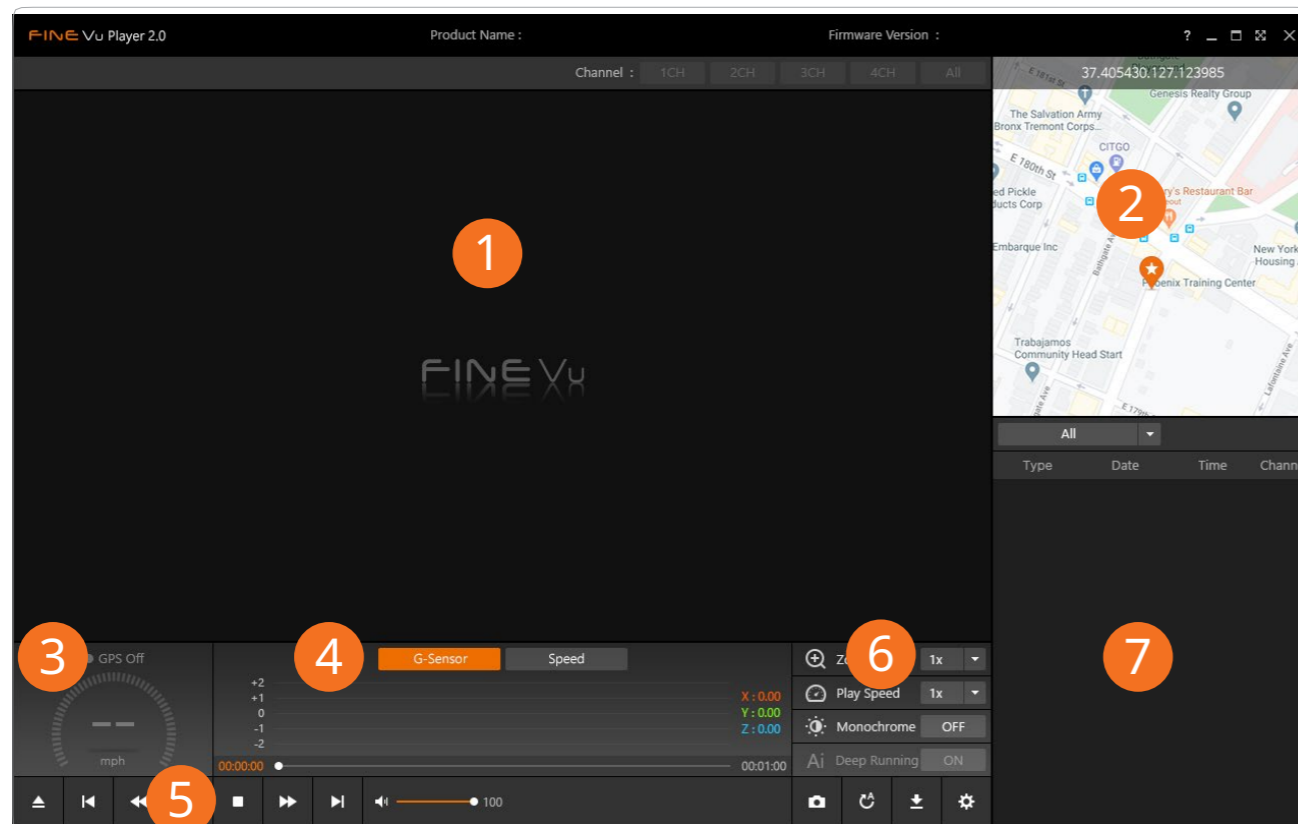
No.	Function Description
①	The main window in which the recorded video is played.
②	If the recorded video contains GPS information, the location is displayed on the map.
③	If the recorded video contains GPS information, the driving speed is displayed.
④	The G-Sensor value or driving speed is graphed.
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.
• 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
Model Name	FineVu GX1000 CLOUD		
Size / Weight	Front: 96.5 x 70.0 x 26.5mm / 114g (3.8 x 2.8 x 1.0" / 4.0 oz) Rear: 46.8 x 36.5 x 29.2mm / 23g (1.8 x 1.4 x 1.1" / 0.8 oz)		Weight is includes the cradle (Without cable)
Storage Capacity	Micro SD card	32GB / 64GB / 128GB	Class 10 or above, SDXC Support
Recording Mode	Driving Mode		Recording every minute
	Drive (Impact) Mode		For 20 seconds (Previous 10 seconds / next 10 seconds)
	Manual Mode		For 20 seconds (Previous 10 seconds / next 10 seconds)
	Parking Motion Mode		For 20 seconds (Previous 10 seconds / next 10 seconds)
	Parking (Impact) Mode		For 20 seconds (Previous 10 seconds / next 10 seconds)
Resolution	Front/Rear: Quad HD Wide-Angle		
Image Sensor	Front/Rear: 5.14M pixels CMOS Image Sensor (1/2.8")		
Viewing Angle	Front: 139 degrees diagonal, 105 degrees horizontal, 77 degrees vertical Rear: 141 degrees diagonal, 106 degrees horizontal77 degrees vertical		The angle of view measurement standards and notation methods may differ depending on the manufacturer.
Video	Front/Rear: 2560x1440@30fps		
Voice	Built-in microphone		
Speaker	Built-in speaker		

Item	Specifications	Remarks
Acceleration Sensor	3-axis acceleration sensor	+2g / -2g
Input Power	DC 12V-24V	
Battery[1]	Super capacitor	When external power is turned off, power supply for safe video storage
Power Consumption	Approx. 4.8W (In Parking Motion mode) Approx. 0.06W (In Power Saving Parking Mode)	2CH default, GPS OFF, Wi-Fi ON
Temperature	Operation Temperature: -20℃ ~ 70℃ (-4 ~ 158 ℉) Storage Temperature: -30℃ ~ 80℃ (-22 ~ 176 ℉)	
Interface	Power port (3.5Φ)_3 lines, Rear camera port (2.5Φ), BT/Wi-Fi port (USB A Type), Micro SD card slot, Power switch (Slide)	
Features	FineVu CLOUD & Wi-Fi app, ADAS PLUS (FVMA / LDWS), Speed Camera Alert, Auto Night Vision, HDR, Power Saving Parking Mode, Installation Angle Guide, Low Voltage Cut-Off (Winter Season), High-Temperature Cut-Off, Hour Alarm, Driving Rest Guide, Overwrite ON/OFF, Rear Channel LED Configuration / Brightness Control, User Text Overlay, 1CH Recording	Vehicle speed, ADAS, and Speed Camera Alert work only when the GPS is receiving.
Regulartory Compliance	R-R-FDK-FineR049 Model Name: FineVu GX1000 CLOUD 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)

[1] Use a source that satisfies PS2. Risk of fire or explosion if the battery is replaced by an incorrect type.

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

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.

FINEVu

http://en.finevu.com

FineVu Customer Support Center : support@finedigital.com

This manual describes the functions of the product.