Industry Dashcam

User Manual

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2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

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Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
Note	Provides additional information to emphasize or supplement important points of the main text.
Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Instructions

- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region. Please refer to technical specifications for detailed information.
- Input voltage should meet limited power source or PS2 requirements according to the IEC60950-1 or IEC 62368-1 standard. Please refer to technical specifications for detailed information.
- Do not connect several devices to one power adapter as adapter overload may cause over-heating or a fire hazard.
- Please make sure that the plug is firmly connected to the power socket.
- If smoke, odor or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.

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Chapter 1 Introduction

1.1 Product Introduction

This dashcam is a video and audio intelligent monitoring product for vehicle. With advanced image acquisition technology and high-definition video recording technology, it records the front vision of the vehicle. With high-fidelity sound recording technology, it synchronizes the video and audio in the vehicle. With high-precision positioning technology, it offers excellent vehicle positioning service. It uses intelligent AI algorithm for driving behavior monitoring, which ensures the service quality and protects the legitimate rights and interests of drivers and passengers. The dashcam combines rich functions with excellent performance, stability, compactness, low power consumption and easy installation and maintenance. The product can be widely applied to vehicles such as ride-hailing cars, taxis, official cars and other industries cars.

Note

This product is subject to active development, which means that some functions might differ from what is presented here. Please refer to the actual product for your reference.

1.2 Product Features

- Support up to 5-channel video recording, 2-ch default and 3-ch extension.
- Front camera: 1620P， Rear camera: 1080P， Extension channel: 1080P.
- Built-in Microphone and Speaker, support two-way audio function.
- Support GPS/GLONASS/GALILEO and time, speed overlay on picture.
- Built-in Wi-Fi communication module, support AP access point.
- Built-in Bluetooth module, support connecting to third-party sensors.
- Built-in 4G module, support 2×NANO SIM card.
- Support 2 × Micro-SD card storage, each up to 1 TB. Support recording overwrite.
- Support preview, playback and editing parameters via APP.
- Support HCT, HCP and CMSV6 Platforms.
- Built-in 3-axis accelerometer, start emergency video and video backup lock when the vehicle has a collision or severe vibration.
- Support 2-ch IO alarm input, 3-ch steering signal.
- Support Advanced Driving Assistance System (ADAS), Driver Status Monitoring (DSM), Driver Authentication, people counting.
- Support sentry mode, protect and monitor all-day parking.
- Easy installation and operation.

Chapter 2 App Download and Device Adding

This dashcam requires HikDashcam App for taking snapshots, recording videos and configuration.

Step 1 Scan the QR code bellow and download the Dashcam App.

Figure 2-1 QR Code

Step 2 Power on the Dashcam and press the Wi-Fi AP button to start the dashcam hotspot.

Step 3 Open the HikDashcam App and tap “Add Device”. The phone will go to the Wi-Fi setting page.

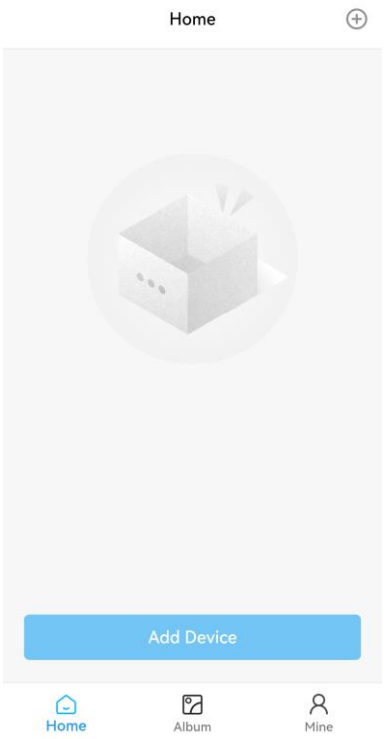


Figure 2-2 Dashcam Home Page

Step 4 Connect to the Wi-Fi hotspot named “DASHCAM-G40PRO-XXXX.” The string XXXX means the last four characters of the verification code on the dashcam. The default password is Dash12345.

Note: You should change the password for activation.

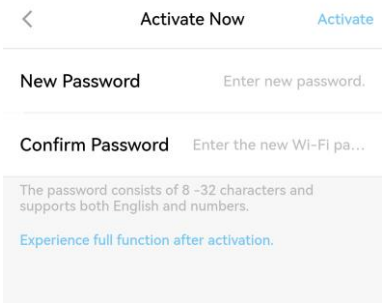


Figure 2-3 Activation

Step 5 After activation, the device will added to the home page.

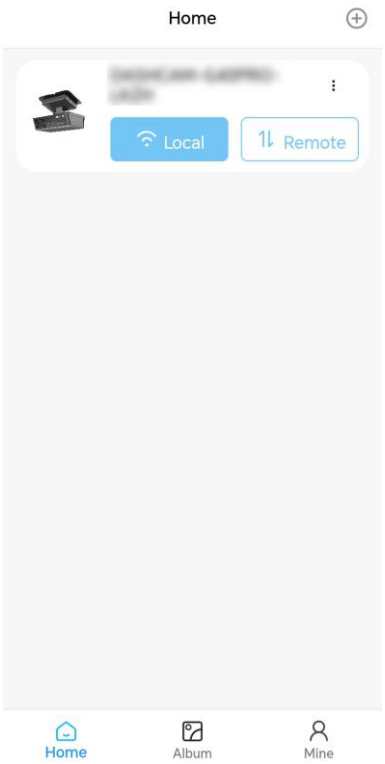


Figure 2-4 Added Device

Step 6 Tap “Local” and go to Wi-Fi Settings page of the phone to join the device hotspot by new password.

Step 7 Go back to the home page and do other operations.

Chapter 3 App Settings

3.1 Live View

You can view the live video on the live view page. Slide to choose the camera channel to take capture or record a video. You can also save the capture pictures to your phone.

Note

For capture and recording, make sure that you have the TF card installed and the TF card is already formatted by the App.

3.2 Capture

Step 1 As the live view function is off by default, you can tap the play button ( ) on live view window to start the live view. The window will display date and channel name on the upper left corner. For full screen display, tap the full screen icon ( ) on the lower right corner of the live view window.

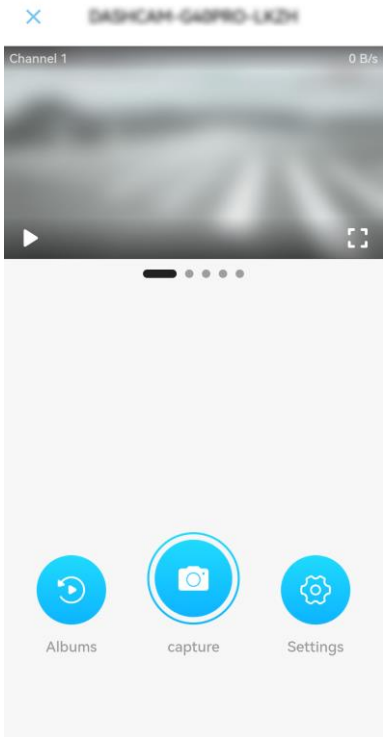


Figure 3-1 Live View Page

Note

Only channels that are connected to cameras can start live view, capture or record videos.

Step 2 Tap the “Capture” to capture the picture in the current live view window.

The captured picture will be saved in the albums.

The image file is saved in the TF card of the device by default, if you need to save the capture to the phone, you can tap the capture file in the album and tap the save button below.

Note: Make sure that the phone has authorized the APP to access the phone's photo album before exporting the image.

Step 3 (Optional) If photos in the mobile album are accidentally deleted and you do not want to connect the device again to export the pictures, you can select the desired photos in the album, tap the download button. The image will be downloaded to the App's album, and users can directly view the images without connecting the device.

3.3 Album

The captured images will also be in the App album.
Go to “Album” to view the videos.

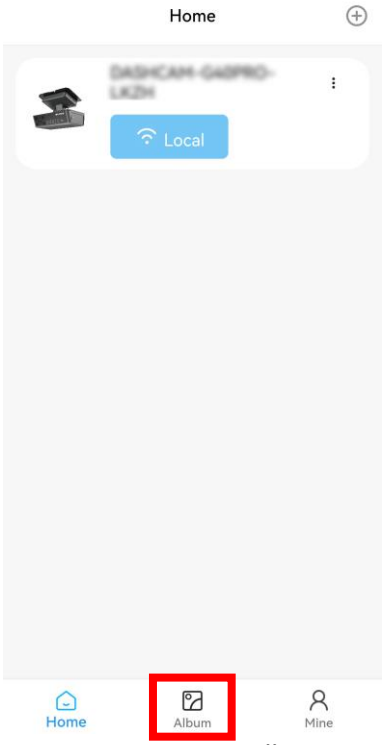


Figure 3-2 Tap Album

3.3.2Image

Image Sharing

If you need to send image to other Apps, you can select the images in the album, tap the share button, and choose the corresponding software to share.

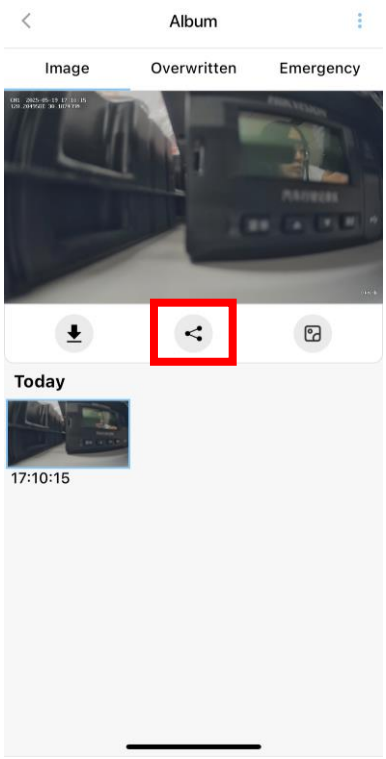


Figure 3-3 Share Images

Image Exporting

The images are saved to the device's TF card by default. If you want to save the captured images to the phone, you can open the captured image file in the album and tap the export button at the bottom.

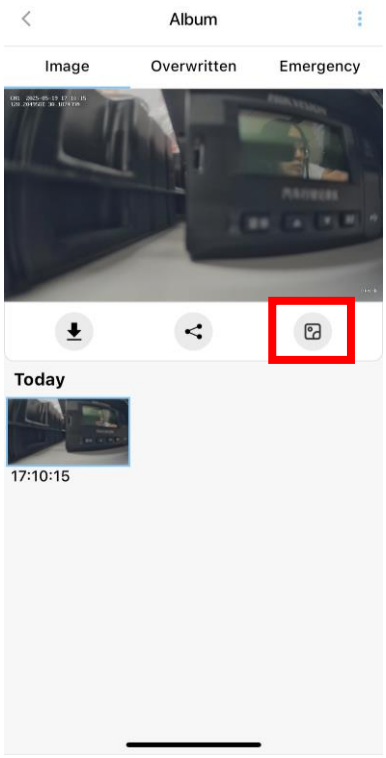


Figure 3-4 Export Images

Note: Before exporting the image, please ensure that the phone has authorized the App to access the phone's photo album.

Image Dowloading

If photos in the mobile album are accidentally deleted and you do not want to connect the device again to export the pictures, you can select the desired photos in the album, tap the download button. The image will be downloaded to the App's album, and users can directly view the images without connecting the device.

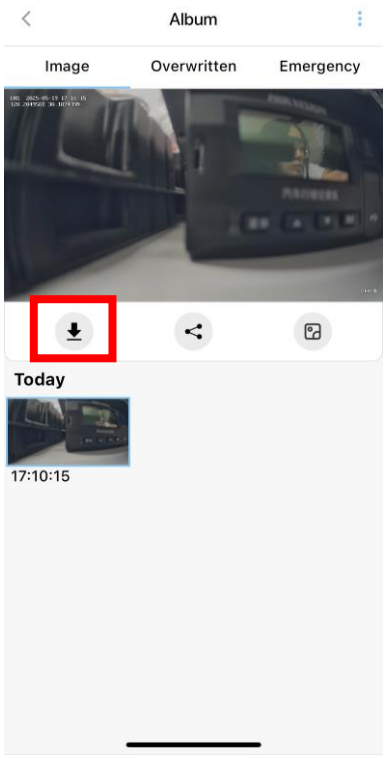


Figure 3-5 Download Images

3.3.1Recording

Once the TF card is inserted in the device, the device starts recording videos.
Go to “Album” to view the videos.

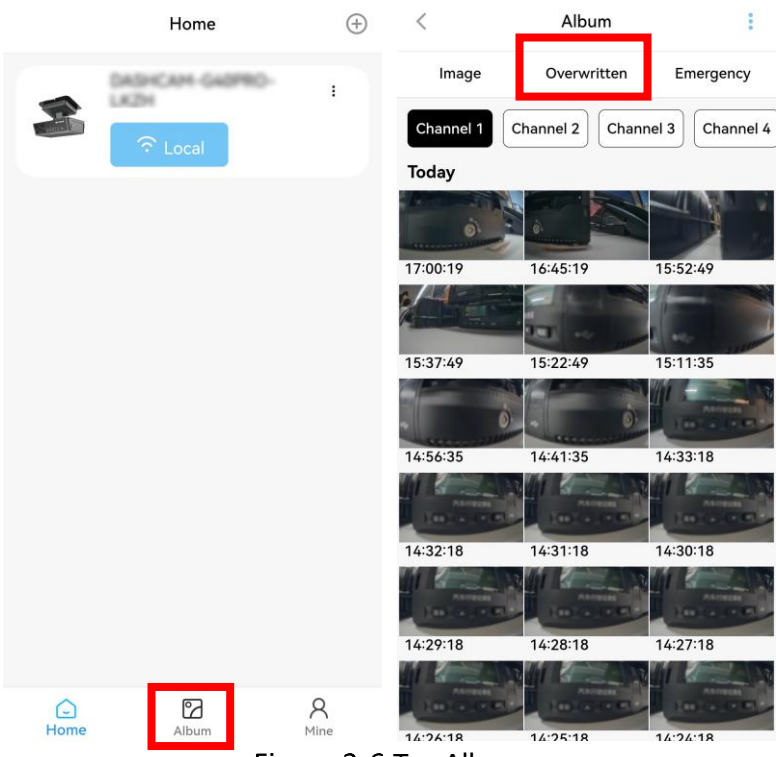


Figure 3-6 Tap Album

Note: The video is saved in the Overwritten and Emergency page.
The video recording of the dashcam is divided into “overwritten video” and “emergency video.”

Overwritten videos: the dashcam starts recording ordinary videos when powered on, and save them in the TF card.

Emergency videos: the dashcam will record a video in case of collisions and alarms. This video is generated by combining the ordinary video 6 s before the emergency ("pre-recording") and 6 s after it.

The dashcam loops its video recording and prefers to cover the ordinary recordings first. However, for long-term use, it is recommended to back up emergency recordings in time.

Video Playback

Step 1 After inserting the TF card, the device will start recording.

You can view "Overwritten videos" and "Emergency videos" in the album interface. The steps for viewing, screenshotting, downloading, exporting, sharing, and editing for both "Overwritten videos" and " Emergency videos" are the same.

Figure 3-7 Album Page

Step 2 Tap the video you want to view, and tap play button to start playback.

Capture in Video

Step 1 If you need to take a picture from the video, you can play the video, then tap the capture button.

Note: The capture button can only be used after the video starts playing.

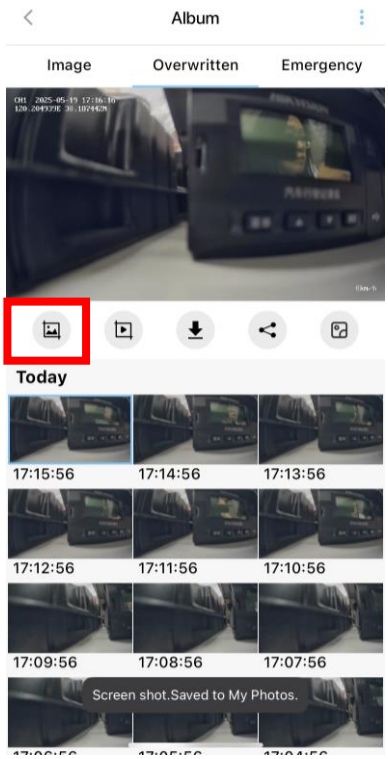


Figure 3-8 Capture in Video

Step 2 Captured pictures can be viewed in the App album.

Video Editing

Step 3 If you need to edit the video, you can select the video and tap the edit button.

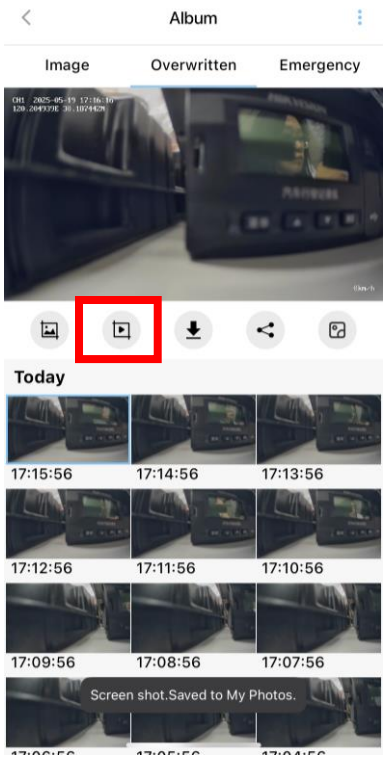


Figure 3-9 Editing Video

Step 4 Select the duration you need to clip, drag the video bar to choose the segment you want to cut, and tap finish.

Step 5 You can check the edited videos in the App album.

Video Sharing

If you need to share the video with other Apps, you can select the video, tap the share button, and choose the App to share it.

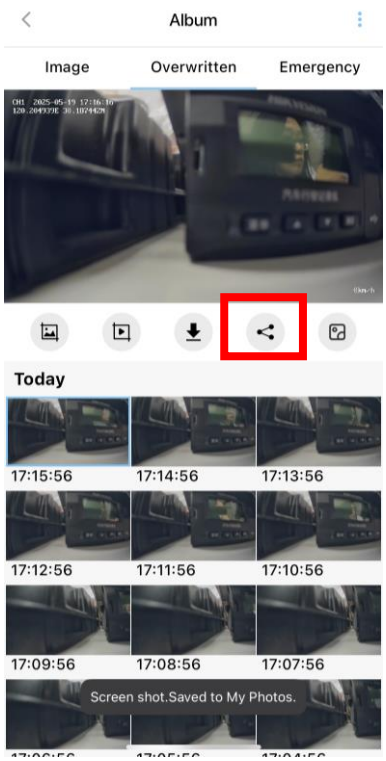


Figure 3-10 Share Video

Video Exporting

If you need to export the video to the local album on your phone, select the video and tap the export button.

Note: Before exporting the video, please ensure that the phone has authorized the App to access the phone's photo album.

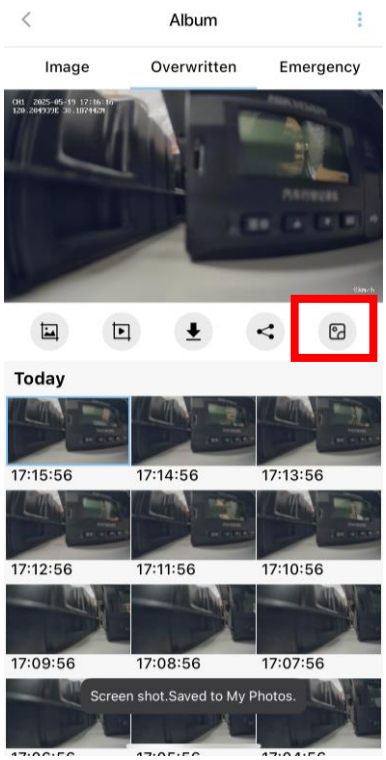


Figure 3-11 Export Video

Video Dowloading

If videos in the mobile album are accidentally deleted and you do not want to connect the device again to export the videos, you can select the desired videos in the album, tap the download button. The video will be downloaded to the App's album, and users can directly view the video without connecting the device.

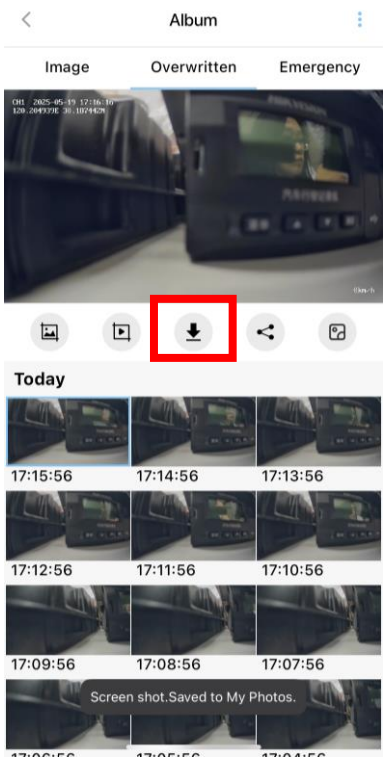


Figure 3-12 Download Video

Chapter 4 Dashcam Settings

In the live view page, tap “Settings” to enter the page.

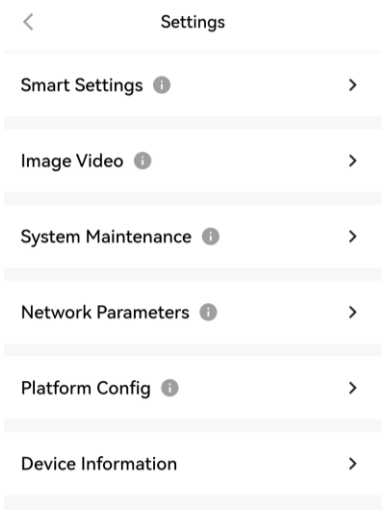


Figure 4-1 Album Page

4.1 Smart Settings

4.1.1ADAS Settings

You can set ADAS (Advanced Driver Assistance System) alarm parameters to warn of driving risk factors and improve driving safety. Enable ADAS alarm to use this function. To use ADAS functions, you need to configure the camera parameters.

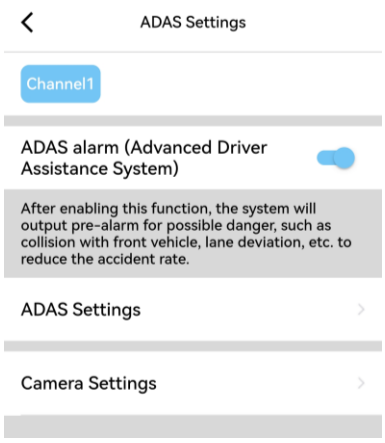


Figure 4-2 ADAS Settings

ADAS Camera Settings

Step 1 Enter Smart Settings → ADAS (Advanced Driver Assistance System) Settings → Camera Settings.

Step 2 Set camera parameters.

Enter values such as the longitudinal distance of the front of the car, distance to vehicle head, distance to left wheel, distance to right wheel, vehicle head percentage.

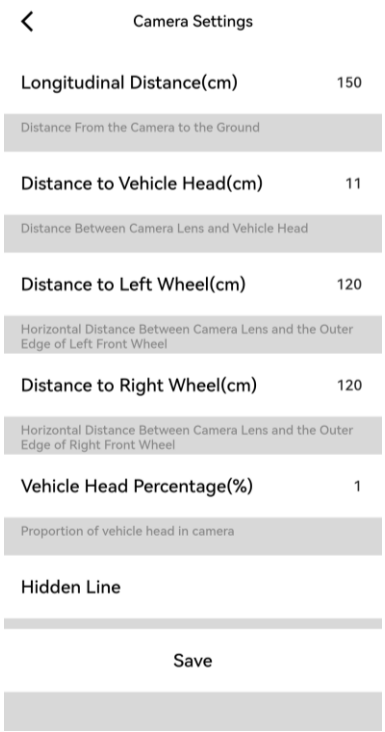


Figure 4-3 Camera Parameter Settings

Step 3 Tap “Hidden Line”. First adjust the focus of the field of view left and right, and then adjust the horizon height up and down.

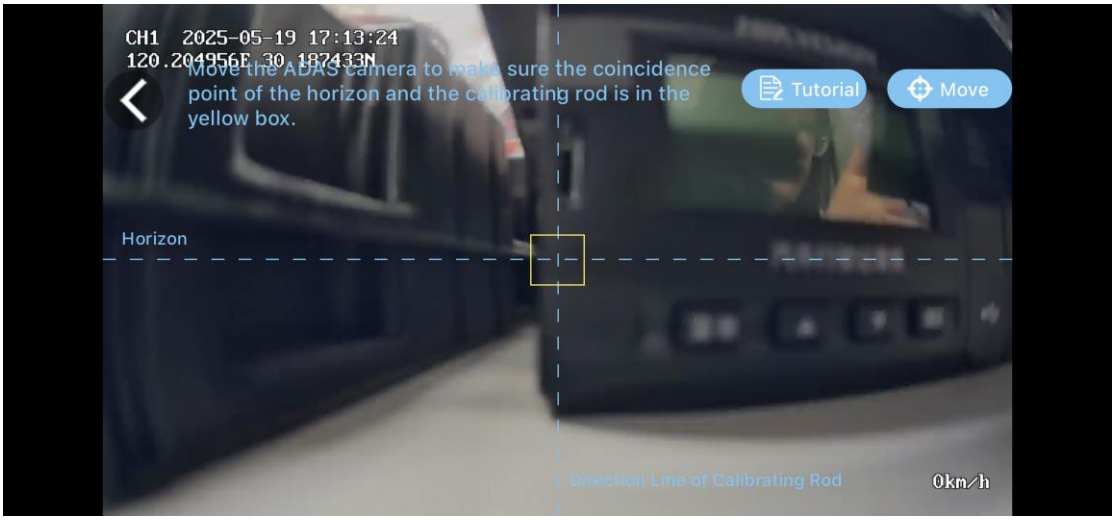


Figure 4-4 Hidden Line Settings

Step 4 Tap “Save”.

ADAS Alarm Settings

Step 5 Enter Smart Settings → ADAS (Advanced Driver Assistance System) Settings → ADAS Settings.

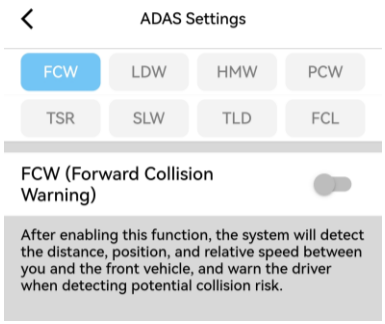


Figure 4-5 ADAS Settings

Step 6 Select the alarm type and enable it.

FCW: Once enabled, the system will assess the distance, orientation, and relative speed between this vehicle and the vehicle ahead, and will warn the driver when there is a potential collision risk.

LDW: Once enabled, the system will continuously collect lane markings; it will issue an alarm if the vehicle deviates from the lane, allowing more response time for the driver.

HMW: Once enabled, the system will check the distance to the vehicle ahead and will issue a danger alert when approaching the set following distance.

PCW: Once enabled, the system will detect both static and dynamic pedestrians on the driving lane and issue early warnings to prevent pedestrian collision accidents.

TSR: Once enabled, the system will detect speed limit signs on the driving lane and provide advance reminders.

SLW: Once enabled, the system will notify the driver of the vehicle's position relative to lane markings.

TLD: Once enabled, the system will detect changes in traffic light status and remind the driver.

TLD: Once enabled, the system will detect when the vehicle ahead starts moving and remind the driver.

Step 7 Set the parameters.

Step 8 Tap “Save”.

4.1.2DSM Settings

You can set DSM (Driver State Monitoring) alarms to remind dangerous driving behaviors and improve driving safety.

Step 1 Enter Smart Settings → DSM (Driver State Monitoring).

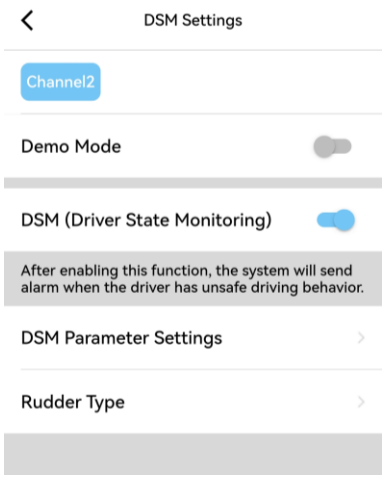


Figure 4-6 DSM Settings

Step 2 Enable “DSM (Driver State Monitoring)”.

Once this feature is enabled, the system will check the driver's behavior. If it is deemed unsafe for driving, an alert will be triggered. The demo mode is used to test the alert algorithm in a non-driving environment (without speed).

Step 3 Tap “DSM Parameter Settings” and set the relevant alarm items. For example, for the “Fatigue Driving” alarm, you can choose to turn on the alarm, turn on the alarm sound and set its volume, set the sensitivity and speed alarm thresholds, set the capture and upload video to the platform, and other options.

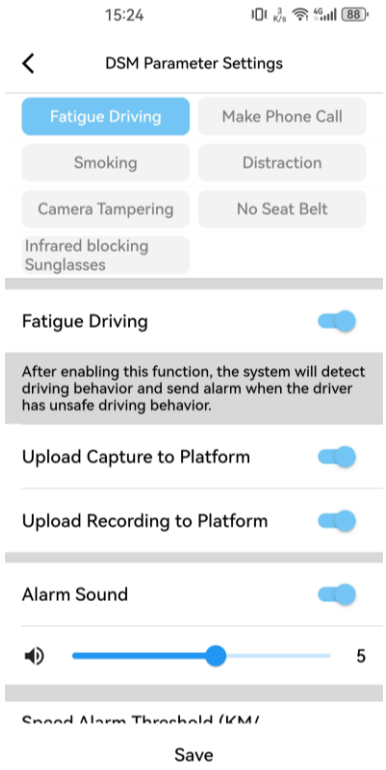


Figure 4-7 Fatigue Driving Settings

Step 4 You can also set the rudder type in the DSM settings.

4.1.3VSD Settings

When enable the VSD (Vehicle Status Detection), the device can remind you the vehicle status when driving.

Step 1 Enter Smart Settings → VSD Settings.

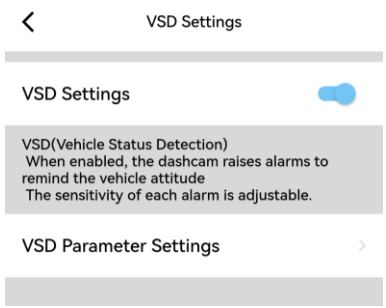


Figure 4-8 VSD Settings

Step 2 Enable VSD settings function. And tap “VSD Parameter Settings” to set the parameters.

Step 3 Select the type and set the parameters.

For example, if you select “Rapid Acceleration”, the device will detect the vehicle’s rapid acceleration and you can set the capture, the upload to platform, alarm sound and sensitivity.

4.1.4Face Settings

You can add the face and set the face parameters. When enabled the function, the system will conduct a facial comparison when the driver's face is facing the camera, and check whether the detected face matches the imported facial information or not.

Step 1 Enter Smart Settings → Face Settings → Facial Information.

Step 2 Tap “New” and enter the name and upload the face picture.

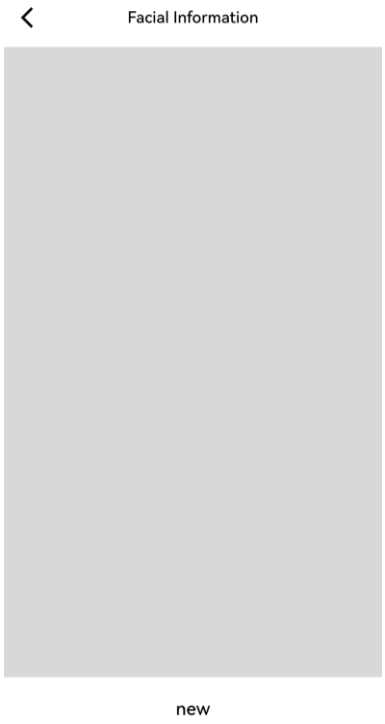


Figure 4-9 Add Face Picture

Step 3 Set the face parameters.

1) Enter Smart Settings → Face Settings → Facial Parameter Settings.

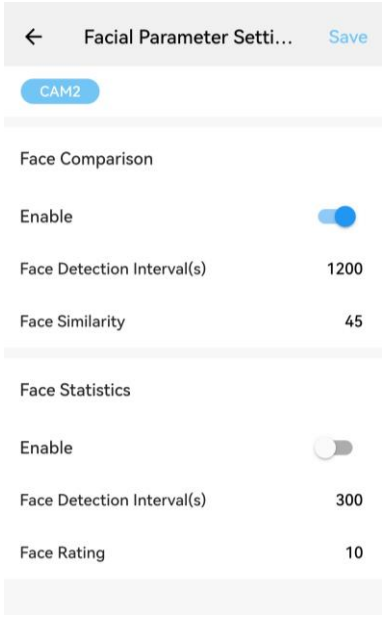


Figure 4-10 Modify OSD characters

2) Set the face comparison or statistics parameters. You can enable the function and set the face detection interval, face similarity, and face rating.

Step 4 Tap “Save” to make changes take effect.

Note: Up to 5 persons can be imported. For more person requires, go to platform to add.

4.2 Image and Video Settings

4.2.1Convenient Settings

Enter Image Video → Convenient Settings.
You can set the compression format for the select channel. You can also enable “Audio Recording While Video Recording” function.

4.2.2Image and Video Parameters Settings

You can set image and video’s bitrate type, stream type, compression format, resolution, quality, frame rate, Max. bitrate. You can also set output format, split screen, video encrypt, OSD, intercom, speaker, and alarm volume. The default configuration is recommended.

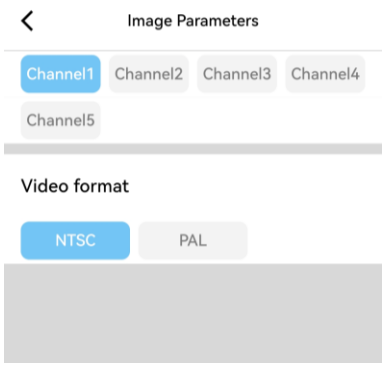


Figure 4-11 Image Parameters

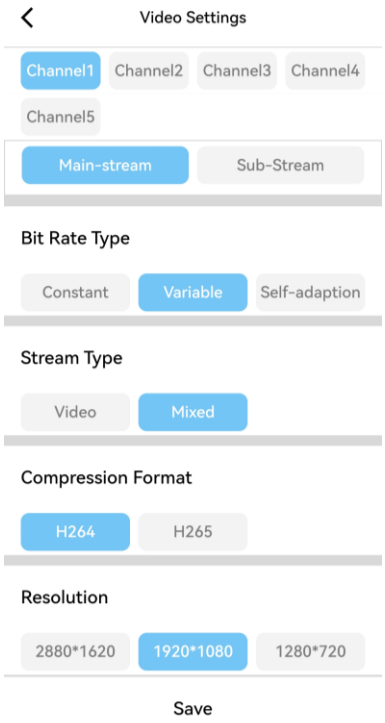


Figure 4-12 Video Parameters

Enter Image Video → Video Settings/Image Settings.

The higher the resolution or bitrate, the clearer it is, but the video file size will also get larger and recording duration shorter.

The higher the resolution and sub stream, the clearer the preview image, but the requirements for network speed will also get higher.

The H265 performs better than the H264 in terms of compressed storage, for H265 occupies less space at the same quality. However, H265 encoding pressure is greater, and platform playback compatibility is not inferior than H264, which may lead to playback failure. Therefore, it is recommended that you select the default H264 encoding format.

4.2.3Output Format Settings

Enter Image Video → Output Format Settings.
You can set the output format and tap “Save”.

4.2.1Split Screen Settings

You can set the live view split window to 1-window, 2-window, 4-window, or 6-window.
Enter Image Video → Split Screen Settings.
Select a type and select window division type.

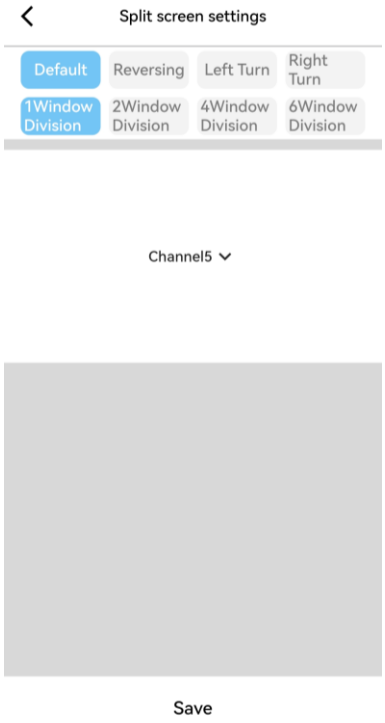


Figure 4-13 Split Screen Settings

4.2.1OSD Settings

Step 1 Enter Image Video → OSD Settings.

Step 2 Select a camera and set the channel name. The channel name will be displayed on the upper –left corner of the live view page.

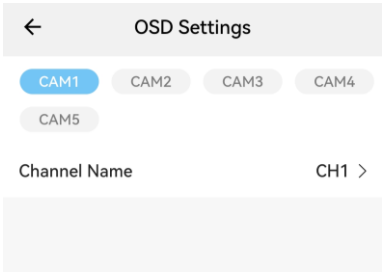


Figure 4-14 OSD Settings

4.2.2Intercom Record Audio Configuration

Step 1 Enter Image Video → Intercom Record Audio Configuration.

Figure 4-15 Intercom Record Audio Settings

Step 2 Select “Video” or “Intercom”.

Step 3 Set the audio encoding type.

Step 4 Tap “Save”.

4.2.3Speaker and Alarm Volume Settings

You can set the device speaker and alarm volume.

Step 1 Enter Image Video.

Step 2 Enable/Disable “Speaker”. You can enable the function and the device will report audio alarm prompt.

Step 3 Enable/disable “Alarm Volume Follows System Volume” and set the volume. Once enabled, the alarm volume will be the same as the system’s.

4.3 System Maintenance

In “System Maintenance,” you can set and view the device basic parameters.

Tap System Maintenance to enter the page.

Function	Description
Device Language	Change device language. The device will be reboot after changing.
Storage	You can view the capacity of the TF card. You can also tap “Memory Card Formatting” to format the TF card. Or tap “Format All” to format all cards. The dashcam adopts loop recording, and the earlier recording will be overwritten after the TF card storage space is exhausted. If there are important videos, please backup them in time.
Manufacturer Information	View the Manufacturer information, such as Province ID, City ID, Manufacturer ID, Device Model.
Delayed Shutdown Time	The device can delayed power off. You can set the delayed time.
G-Sensor Emergency Recording	If a collision occurs during the vehicle's operation after enabling, the emergency recording can be stored onto the TF card.
Vehicle Info.	Set the current vehicle’s information, such as license plate No., color, and type.
Start-up Mileage Configuration	Set the start-up mileage and mileage upload coefficient.
IO Alarm Settings	This product supports 2 alarm input channels, can connect to external alarm devices, and allows configuration to trigger associated devices for capturing images or recording videos when an alarm is triggered. The captured images and videos will be stored as emergency recordings on the TF card.
Parking Monitoring Settings	You can enable Parking Monitoring function and the device will continuously monitor vehicle safety after parking. **Sentry Mode:** After the vehicle is turned off, the device will monitor the person intrusions into the vehicle. When an intrusion is detected, it will wake up the front and interior cameras to record video, including 12 seconds before the intrusion and 5 seconds after the intrusion. **Collision Wake-up:** After the vehicle is turned off, the device will monitor whether the vehicle has been involved in a collision. If sentry mode is enabled, it will record video, including 12 seconds before the collision and 1 min after the collision. If the function is not enabled, the camera will record 30 seconds after the collision.
Parameter Import/Export	Import/Export parameters.
Daylight Saving Time	Set the DST start, end time.
Partly Restore Default Settings	Parts of the parameters will be restored to default settings.

Restore Factory Setting	All parameters will be restored to factory settings.
Reboot Device	Reboot device.

4.4 Network Parameters

You can set the data connection and Wi-Fi password in the Network Parameters.

4.4.1Wi-Fi Settings (Change Hotspot Password)

Step 1 Go to Network Parameters → Wi-Fi Config.

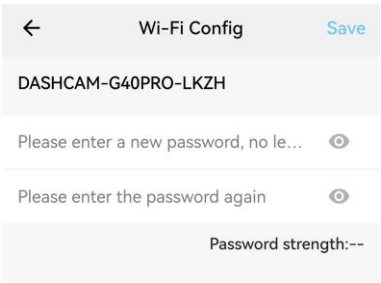


Figure 4-16 Network Parameters

Step 2 Reset the password, as shown in the following figure. The password should be more than 8 digits and contain digits, letters and symbols.

4.4.2APN Settings

Step 1 Insert a SIM card in the device.

Step 2 Go to Network Parameters → APN Settings.

Step 3 Set “Dial-up” Parameters. Turn on Cellular Data on the Network Parameters interface and use install a SIM card to use data connection.

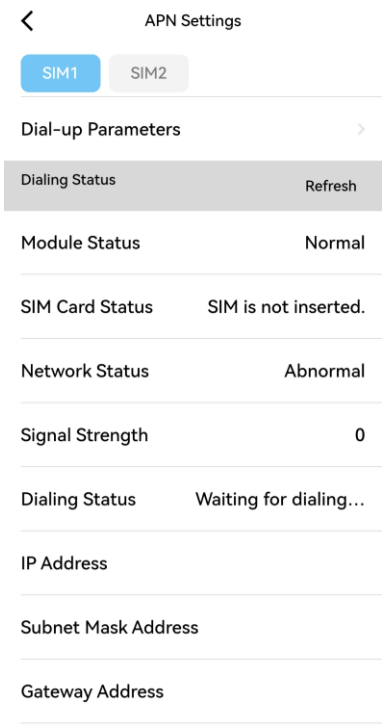


Figure 4-17 APN Settings

4.4.3Other Settings

Go to Network Parameters. You can set the positioning mode, satellite information, and inertial navigation settings.

4.5 Platform Settings

You can configure platform-specific parameters in **Platform Settings**.

Step 1 Go to Platform Settings.

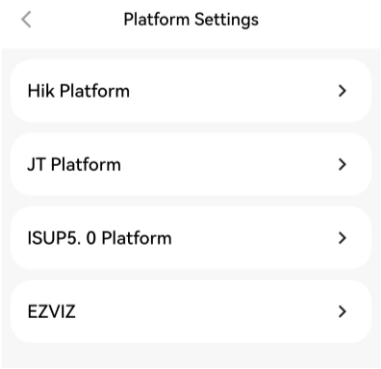


Figure 4-18 Platform Settings

Step 2 Configure the relevant platform parameters according to your needs.

Step 3 Tap “Save” to reboot to make the platform setting take effect.

4.6 Device Information

You can view the device information such as device type, serial number, version, etc.

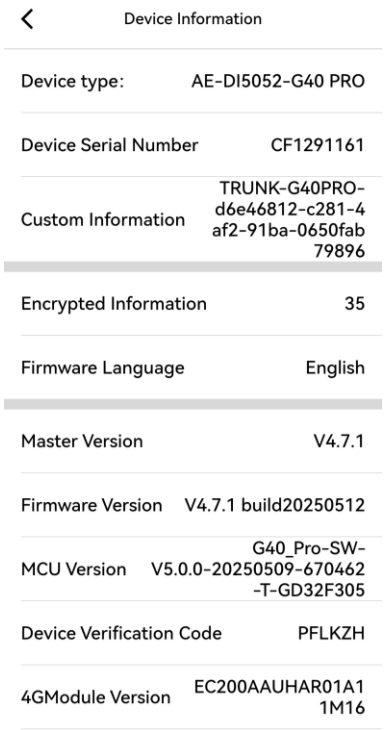


Figure 4-19 Device Parameters

Chapter 5 HCP Platform Settings

The HikCentral Professional (HCP) platform connects to the device with ISUP5.0. On the HCP platform, you can test the registration of the device, preview, capture, playback/download videos, view the track playback, view alarms, perform voice broadcast and two-way audio, audio monitoring and firmware upgrade.

5.1 ISUP5.0 Platform Settings

Steps:

Step 1 Connect the device to the app and go to **Config** → **Platform Settings** → **ISUP5.0**.

Step 2 Tap **Platform Enabled** to enable the platform.

Step 3 Enter IP address and port of the HCP platform in order. You can find the serial number printed on the device.

Step 4 Tap **Save** and the device will reboot to make settings take effect.

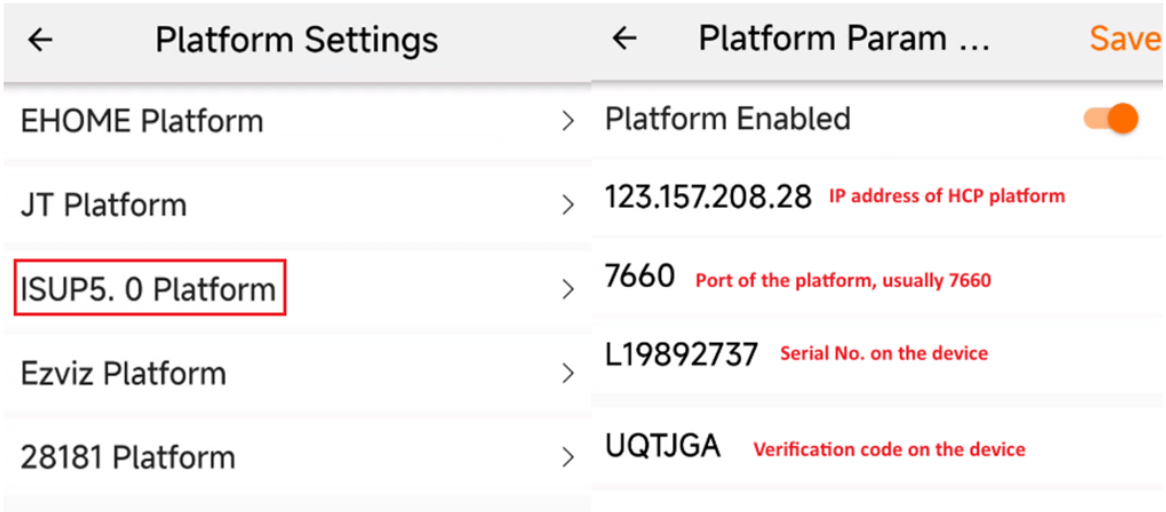


Figure 5-1 Set ISUP5.0 Platform Parameters

5.2 Manage On-Board Devices

Step 1 Download and Install the Web Control Plugin at, for instance, https://123.157.208.28:448/#/portal/. After installation, refresh to enable the show plugin enabling interface and enable it.

Step 2 Log into the HCP platform with the username and password.

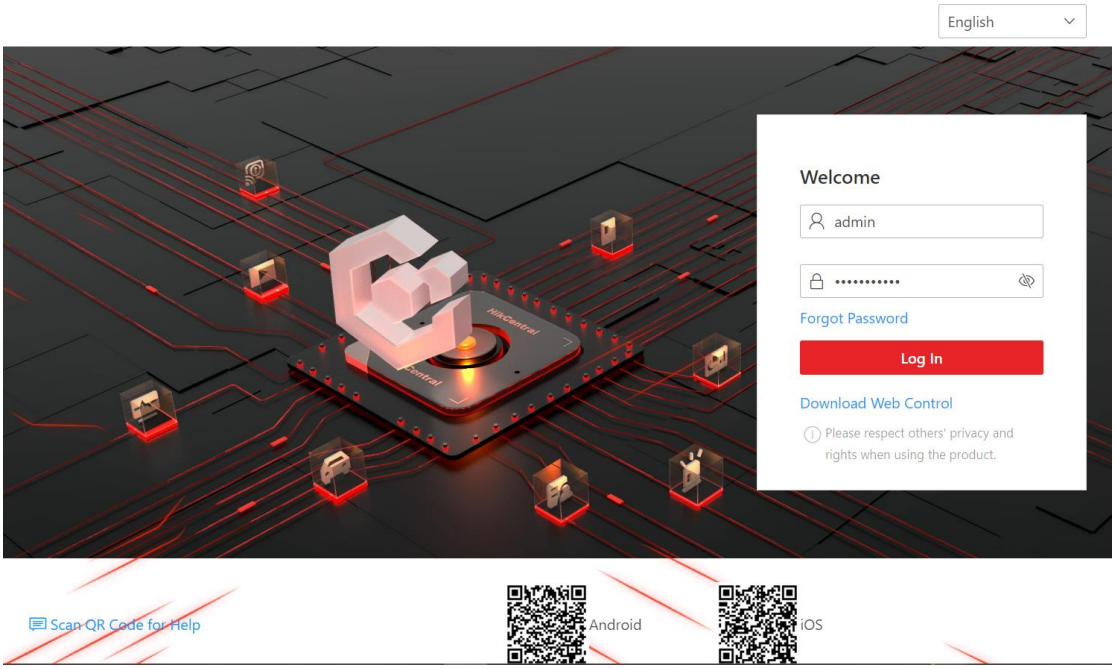


Figure 5-2 Login Interface of the HCP Platform

5.2.1 Add On-Board Device by Device ID

If an on-board device supports the ISUP protocol, you can add it to the platform by its device ID. This way is cost-effective when you need to manage an on-board device on the public network without a fixed IP address.

Note

You should follow the instructions to install the web control properly and then the online device detection function will be available.

Steps:

Step 1 On the top left of the Web Client, click → Device → Device and Server → On-Board Device.

Step 2 Click **Add**.

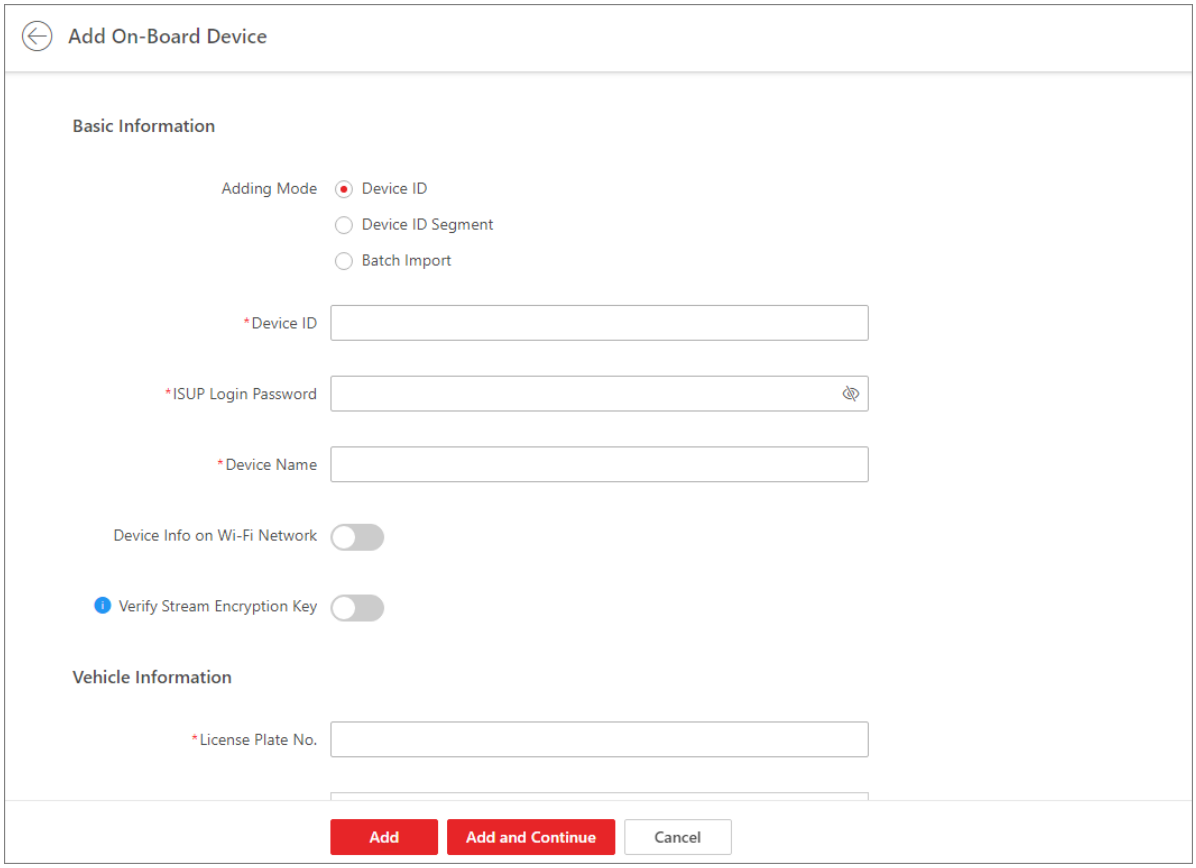


Figure 5-3 Add On-Board Device

Step 3 Set basic information.

1) Select Device ID as the adding mode.

2) Enter the Device ID, ISUP login password, and name of the on-board device. The device ID means the serial number printed on the device. The ISUP login password means the verification code on the device

Step 4 Set vehicle information.

1) Enter the license plate number of the vehicle the on-board device is related to.

2) Add the vehicle to an existing area or click **Add** to add it to a newly-created area.

Step 5 **Optional**: Set picture storage.

1) Switch on **Picture Storage**.

2) Select a storage location.

- If you select Local Storage, you need to click Configure to configure picture storage on the SYS server.

- If you select Hybrid Storage Area Network, Cluster Storage, pStor, or Network Video Recorder, you need to select a storage medium from the drop-down list.

Step 6 Set device's time zone

Get Device's Time Zone

The time zone of the device will be automatically chosen according to the region of the device.

Manually Set Time Zone

You can select a time zone and the settings will be applied to the device automatically.

Step 7 Set resource information.

1) Select a Streaming Server.

2) **Optional**: Check **Wall Display** via **Streaming Server**.

Note

If the encoding device is not on the same network with cameras, it will get the stream for live view and playback via the Streaming Server, if they are on the same network, the encoding device can get stream directly from cameras.

3) **Optional**: Check Get Device's Recording Settings to get cameras' recording settings configured on the on-board device.

Step 8 Click **Add** to finish or click **Add and Continue** to add another on-board device.

Edit On-Board Device	On the device list, click the name of an on-board device to edit it.
Configure On-Board Device Remotely	On the device list, click in the Operation column to configure an on-board device remotely.
Reset Device's Time Zone	On the device list, select one or multiple on-board devices and click Time Zone to edit their time zones.
Delete On-Board Device	Select one or multiple devices and click Delete to delete them.
Search for On-Board Device(s)	Enter key words in the search box and click to search for specified on-board device(s).

5.2.2 Add On-Board Devices by Device ID Segment

You can add on-board device(s) to the platform by device ID segment, and perform further operations, such as editing device settings, configuring devices remotely, deleting devices.

Step 1 On the top left of the Web Client, click → Device → Device and Server → On-Board Device.

Step 2 Click **Add**.

Step 3 Select **Device ID Segment** as the adding mode.

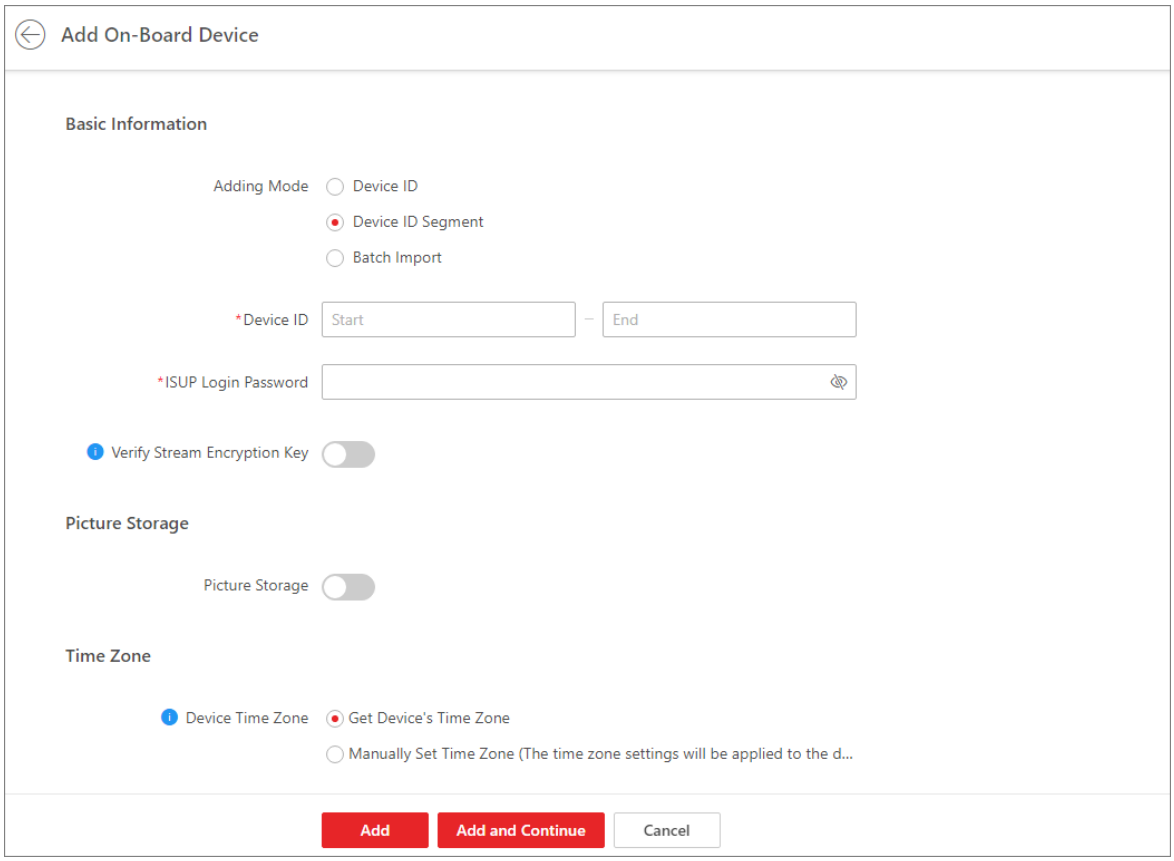


Figure 5-4 Add On-Board Device by Device ID Segment

Step 4 Configure the basic information of the device(s).

1) Enter the start device ID and end device ID.

Note

If the start ID and end ID are the same, only one device will be added.

If the start ID is smaller than the end ID, multiple devices will be added with their IDs arranged in ascending order. For example, if you set the start ID and end ID to 1 and 3 respectively, then devices named 1, 2, and 3 will be added.

2) Optional: Enter the ISUP login password.

3) Optional: Enabled stream encryption, and switch on Verify Stream Encryption Key and enter the stream encryption key on the device.

Note

This function should be supported by the device.

Step 5 For picture storage and time zone, refer to *5.2.1 Add On-Board Device by Device ID.*

Step 6 Click Add to finish or click Add and Continue to add another on-board device.

5.2.3 Add On-Board Devices in a Batch

You can fill in required information of to-be-added on-board devices in an Excel file and upload it onto the platform to batch add them for management.

Step 1 On the top left of the Web Client, click → Device → Device and Server → On-Board Device.

Step 2 Click **Add**.

Step 3 Select **Batch Import** as the adding mode.

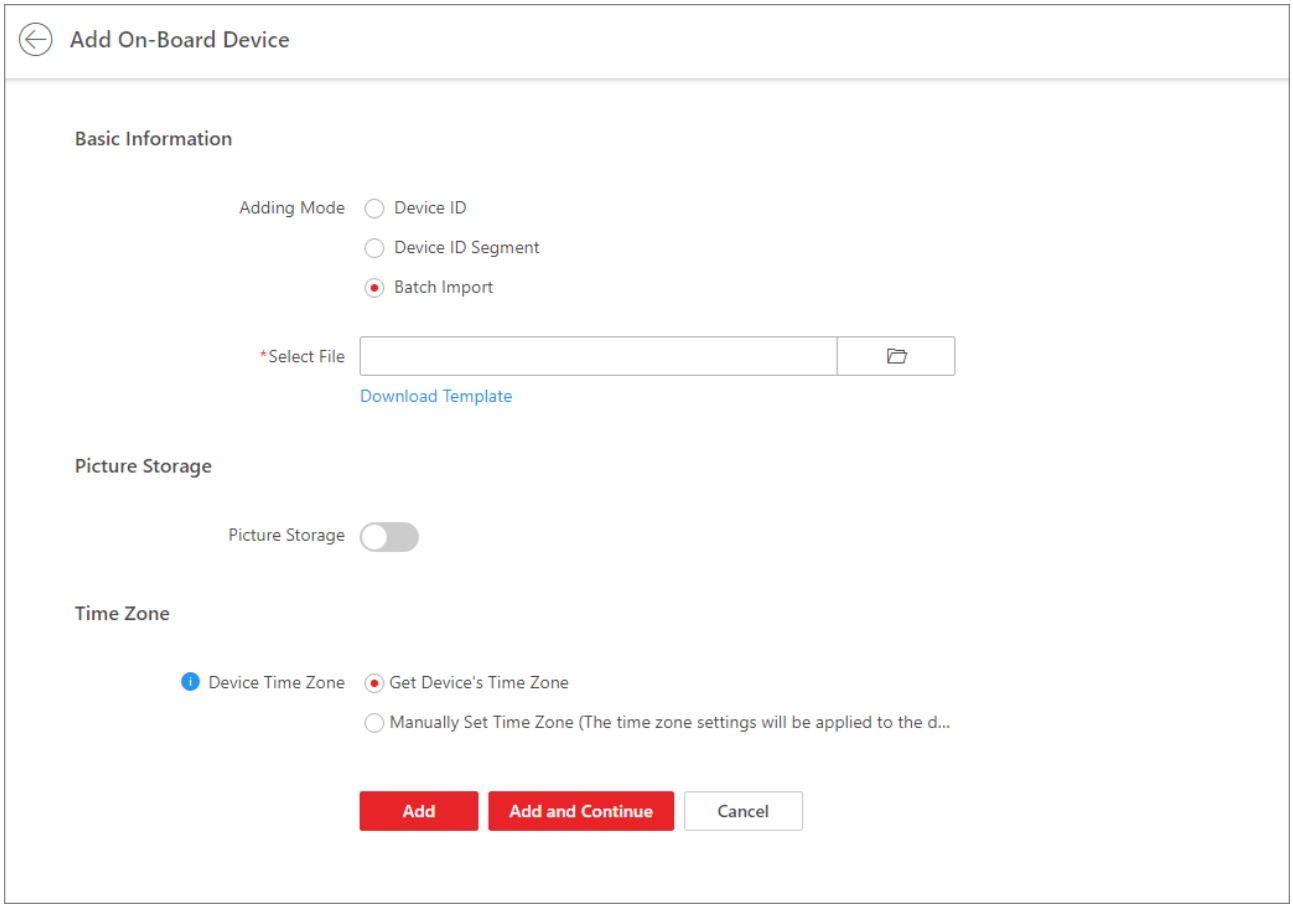


Figure 5-5 Batch Add On-Board Devices

Step 4 Set basic information.

1) Select Batch Import as the adding mode.

2) Click Download Template to save the template file to your PC and fill in required information.

3) Click to select the file and upload it to the platform.

Step 5 For picture storage and time zone, refer to *5.2.1 Add On-Board Device by Device ID*.

Step 6 Click Add to finish or click Add and Continue to add another on-board device.

5.3 Recording Schedule Settings

Step 1 Click **Area** and search for the device added.

Step 2 Click the device to show its camera.

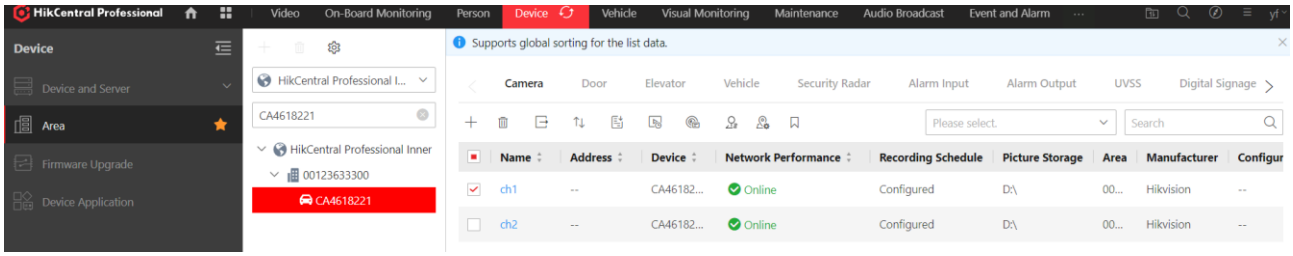


Figure 5-6 Area Setting

Step 3 Set the **Recording Schedule Template** as **All-Day Time-Based Template** to save all the video recordings.

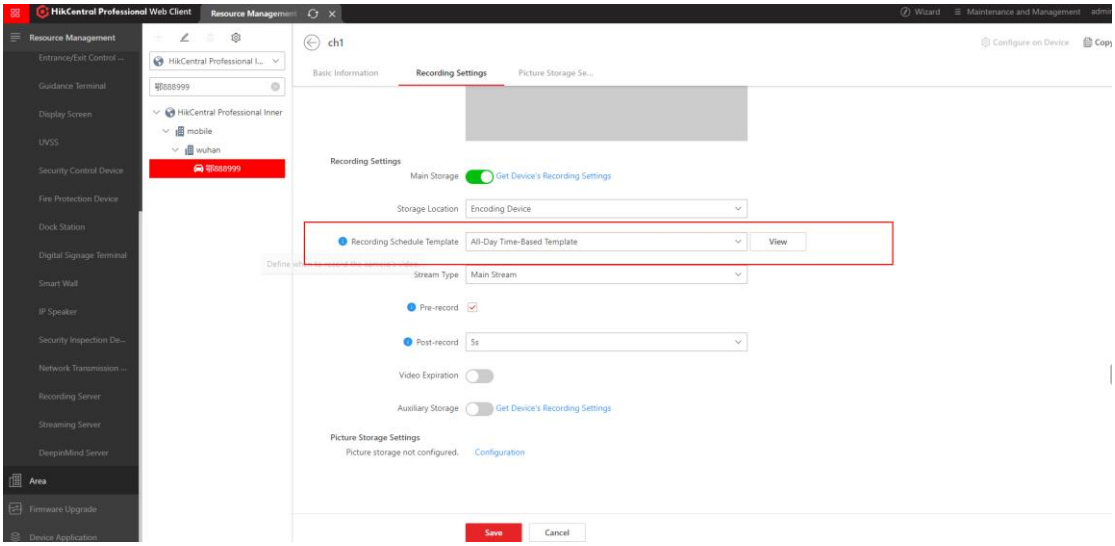


Figure 5-7 Recording Schedule Setting

5.4 Alarm Settings

5.4.1 Set Alarm Types and Their Sources

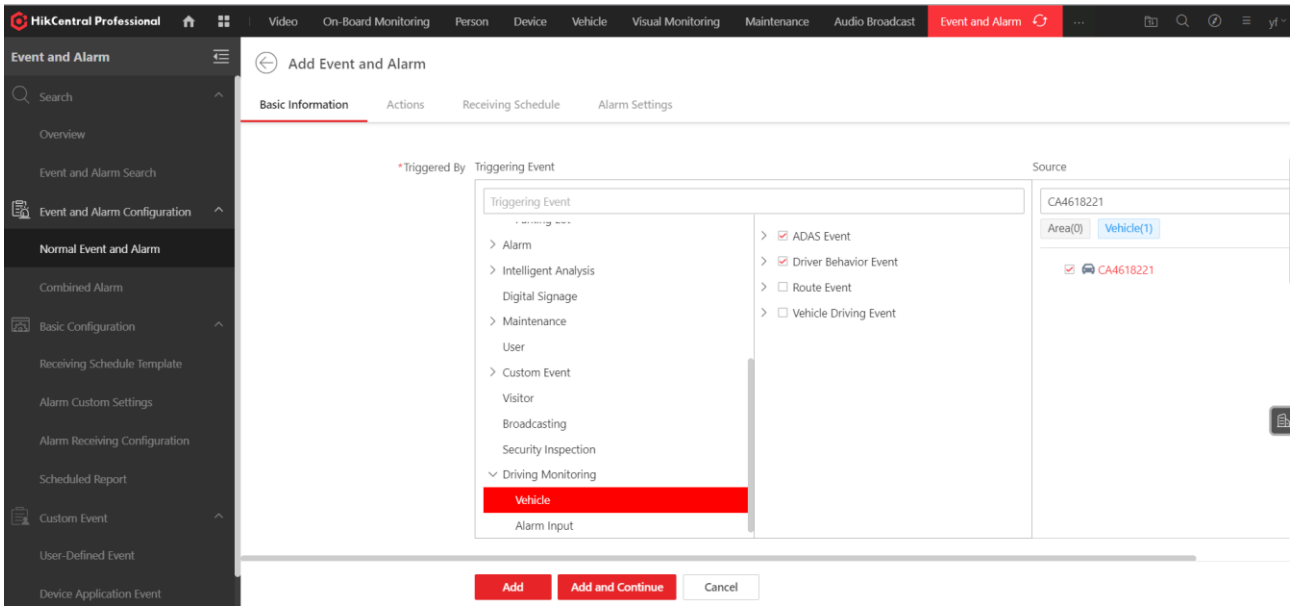
You can choose the alarm to be uploaded to the HCP platform and their sources, and recipients of the alarm.

Step 1 Go to **Event and Alarm** → **Event and Alarm Configuration** → **Normal Event and Alarm**.

Step 2 Click **Add**.

Step 3 Go to **Driving Monitoring** → **Vehicle**, and choose the ADAS and DSM alarms that you want to upload.

Step 4 Choose the source of the alarm, which can be either from areas or vehicles.



5.4.2 Choose the Recipients of the Alarm

Step 1 Go to **Alarm Settings** at the **Add Event and Alarm**.

Step 2 Enable **Trigger Alarm** and **Set its Priority**.

Step 3 Choose the **Recipients** of the Alarm.

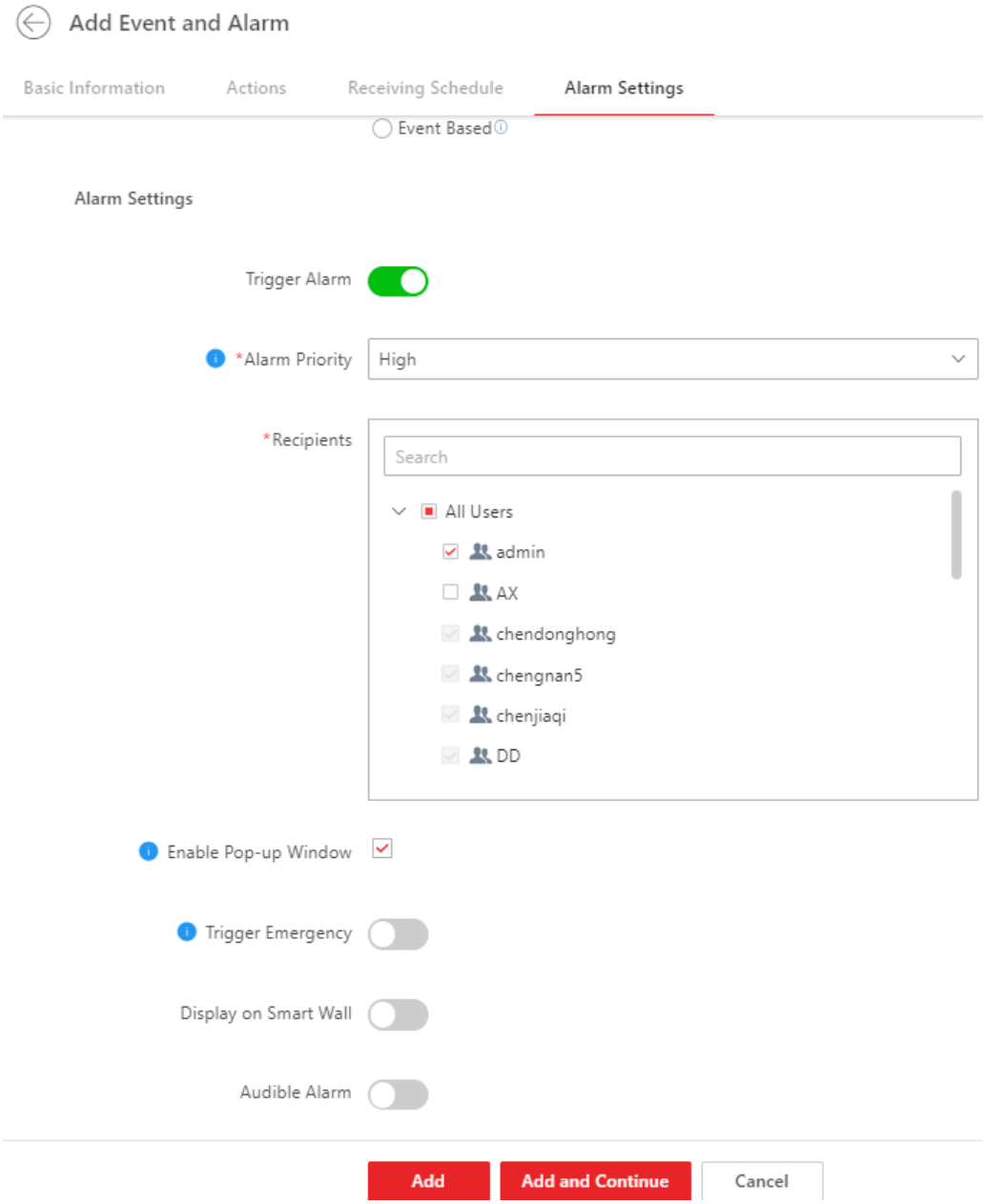


Figure 5-8 Recipient of the Alarm

5.4.3 View Alarms/Events

You can view the alarms/events by their types, the driver that triggered alarms/events, or by the device.

Step 1 Go to **Event and Alarm** → **Event and Alarm Search**.

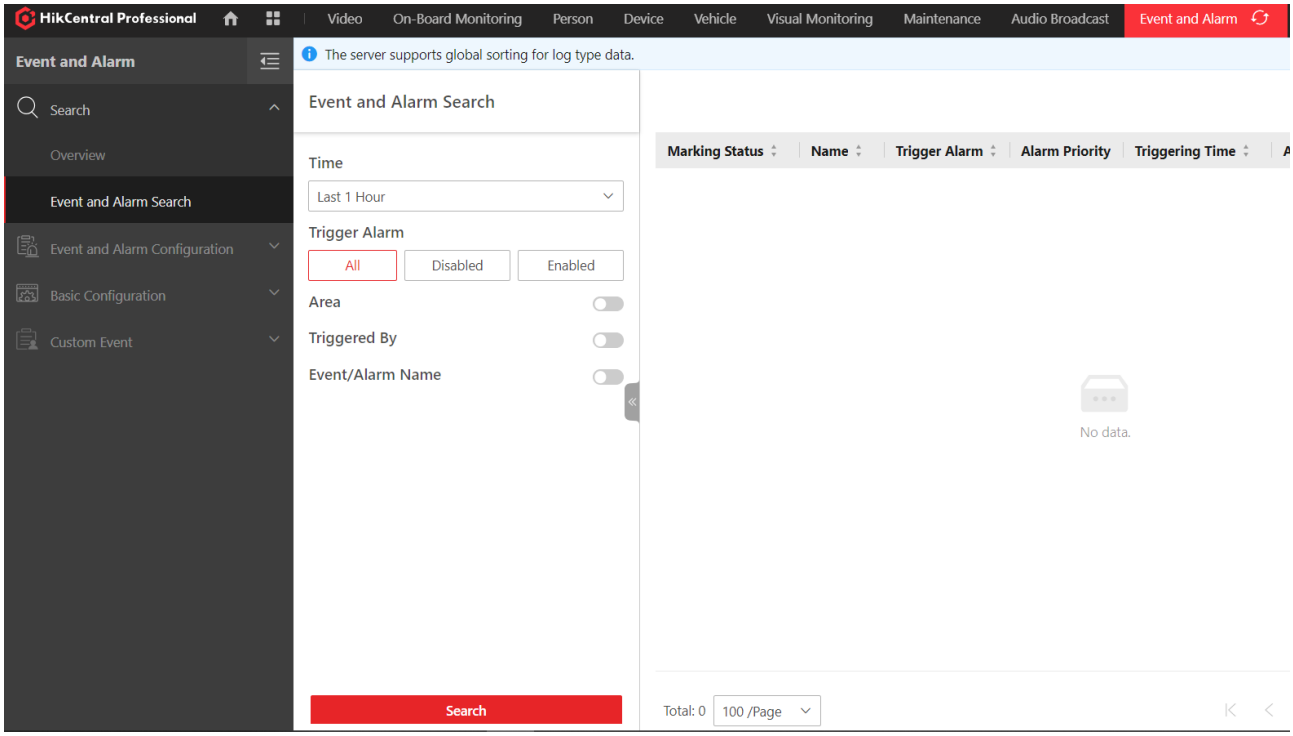


Figure 5-9 Event and Alarm Search

Step 2 Select the time period or **Enable Area**, **Trigger By** or **search by Event/Alarm Name**.

Step 3 Having enabled **Triggered By**, click **Add** at **Select Event** to prompt the selection interface.

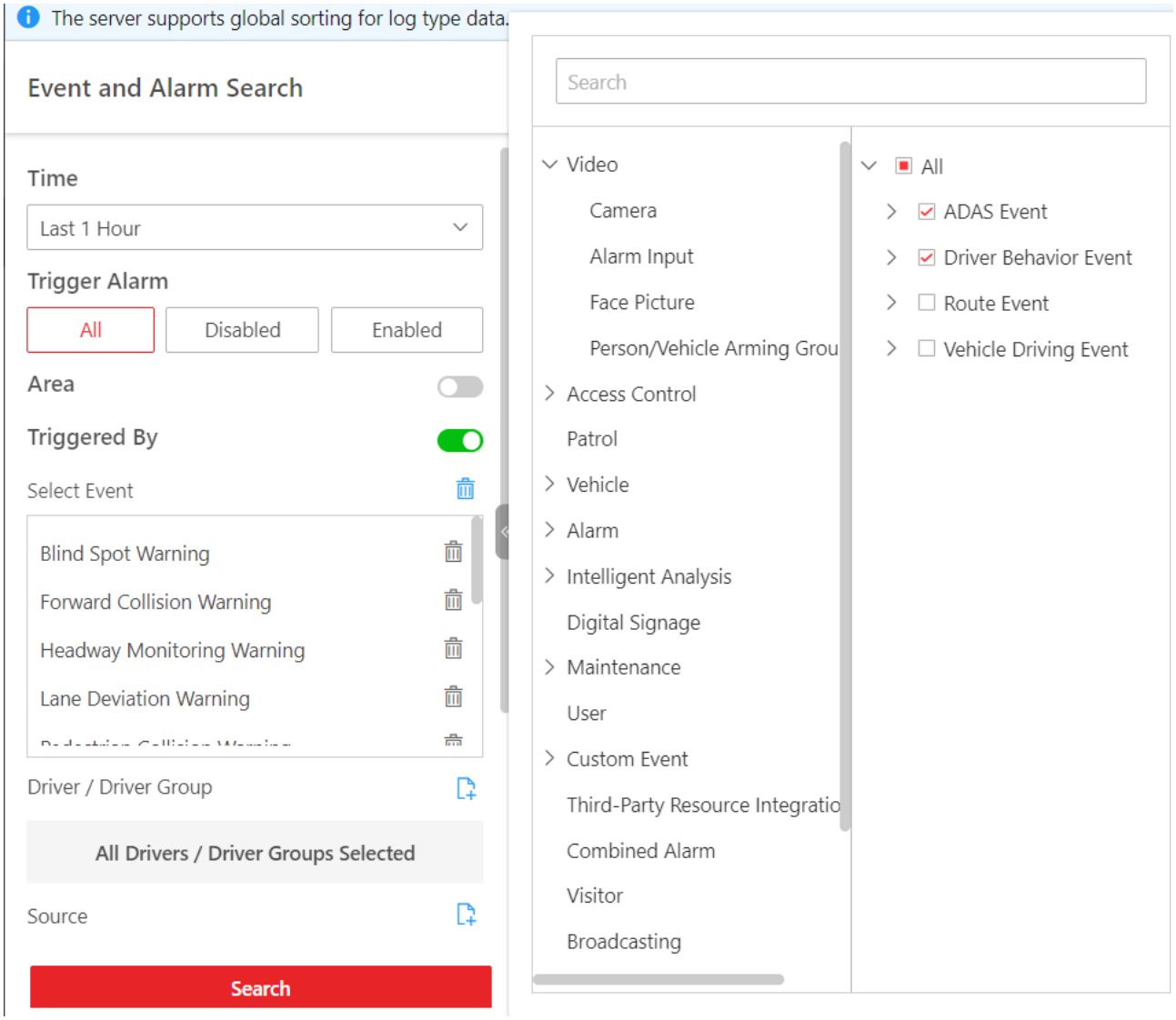


Figure 5-10 Search by Event Type

Step 4 You can also select by the source of the alarm/event by clicking **Add** at **Select** a source, and search for the device at the interface prompted.

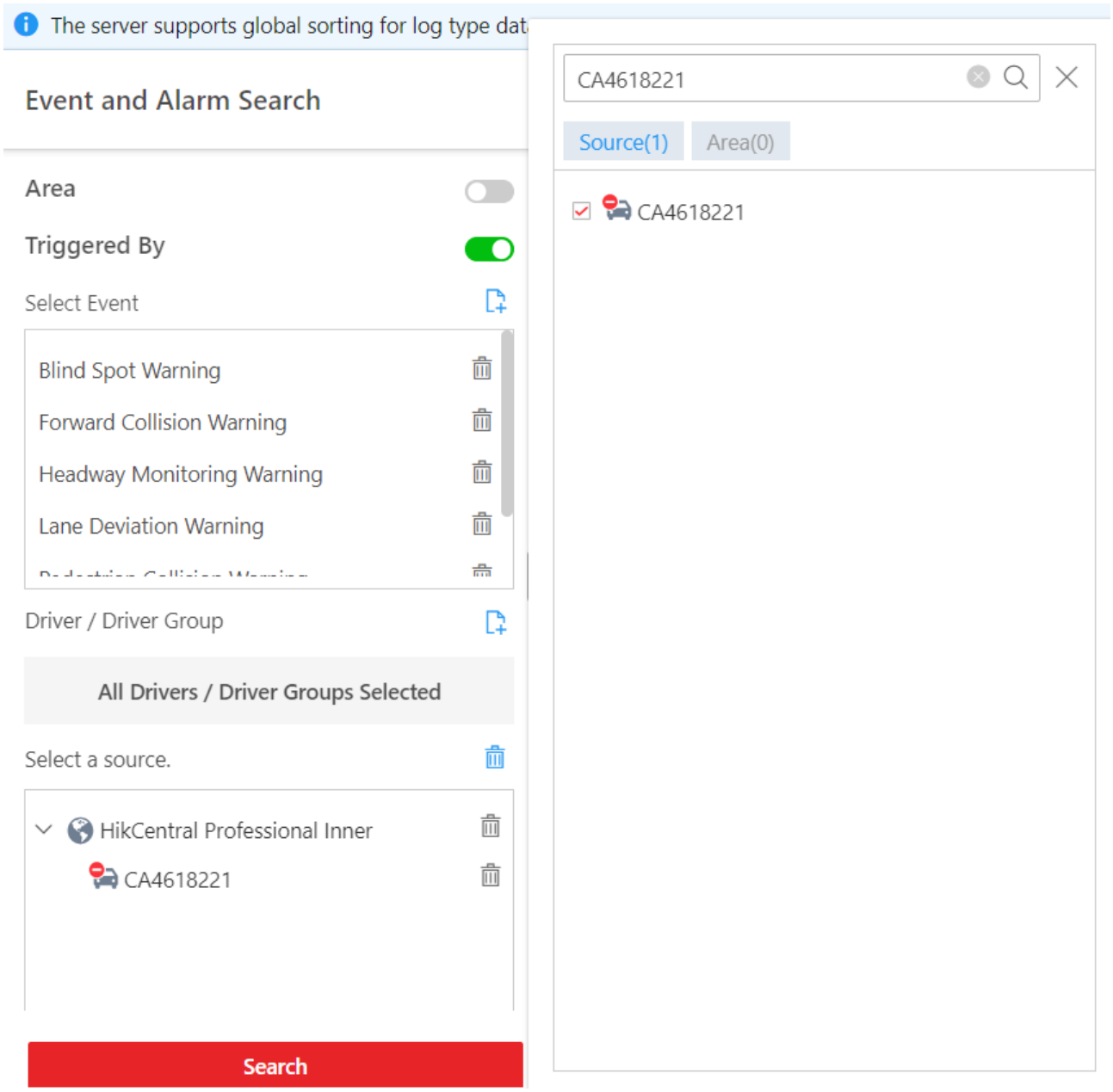


Figure 5-11 Search by Device

Step 5 Click Search.

Step 6 Optional: you can export the search result by clicking the Export as Excel or PDF.

5.5 On-Board Monitoring

5.5.1 Live View

On the Driving Monitoring page, you can monitor driving vehicles to get their real-time information such as locations, speeds, and events. You can also play the live videos streamed from vehicle-mounted cameras, talk to drivers via two-way audio, track vehicles in real time, play back the tracks vehicles have traveled along, and add vehicles to the Favorites list for quick and easy management.

Step 1 On the top navigation bar, go to → On-Board Monitoring → Driving Monitoring.

Step 2 Search for the ID of the device.

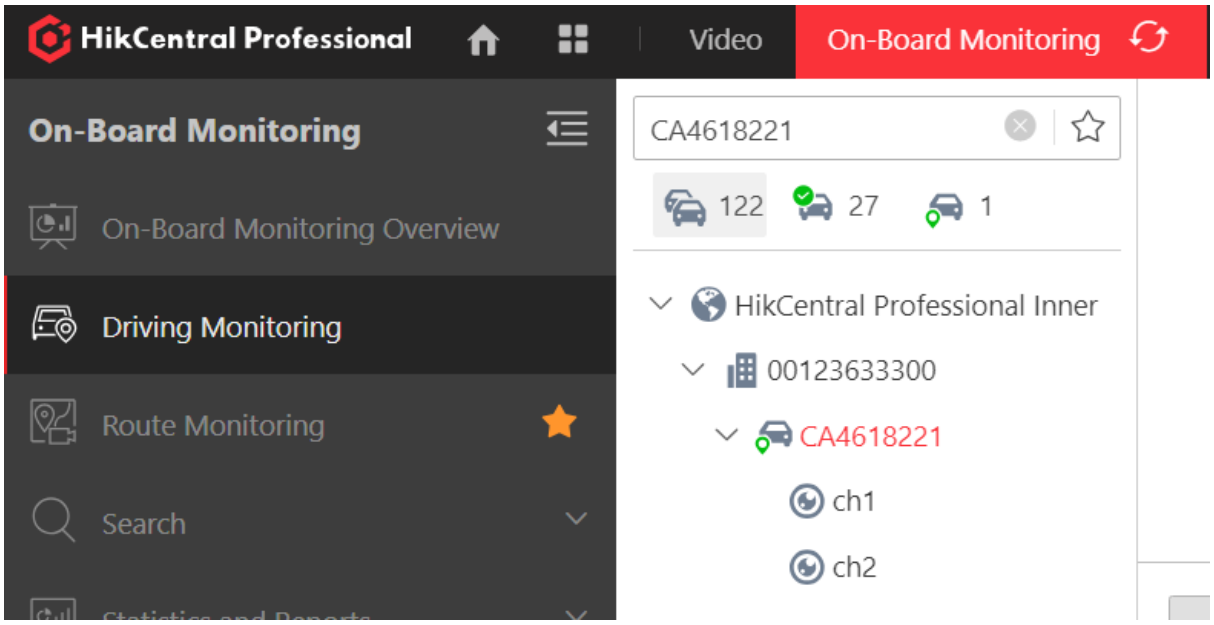


Figure 5-12 Search for the Device

Step 3 Click the channel which you want to preview.

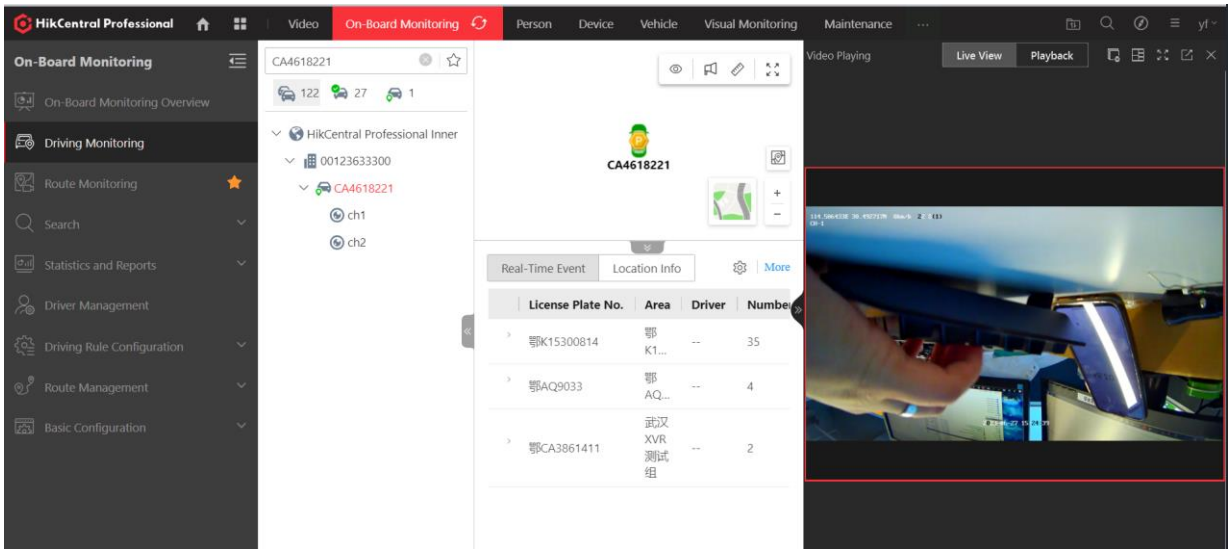


Figure 5-13 Preview the Channel

5.5.2 Playback

On the preview interface, click the “Playback” to play recordings.

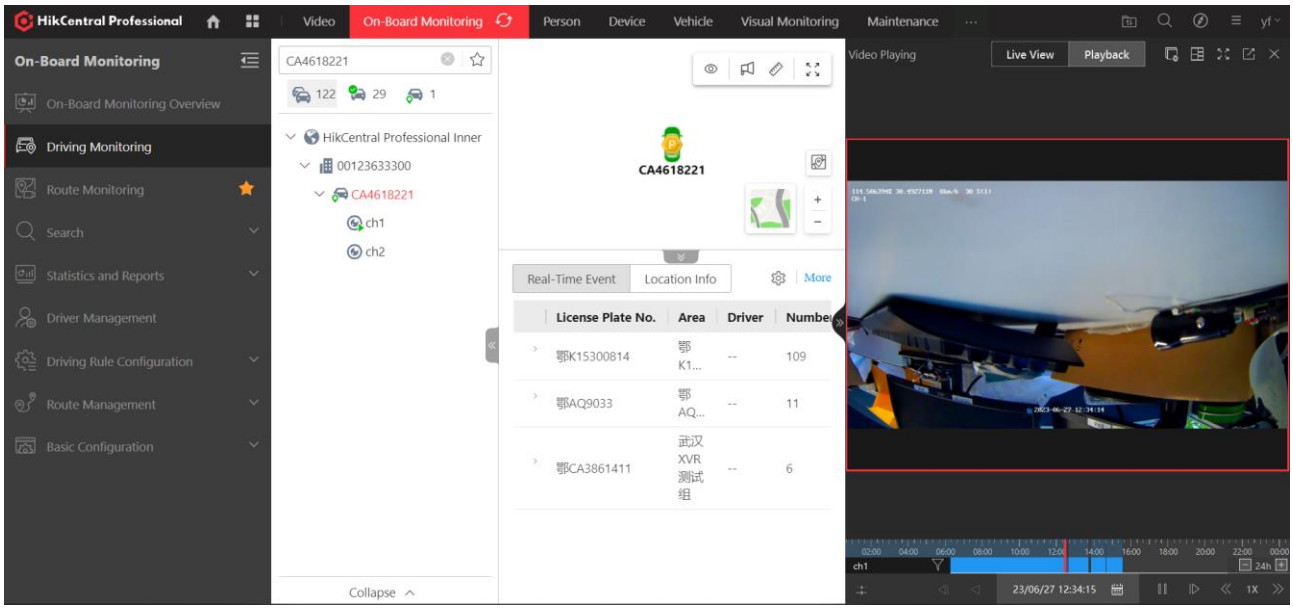


Figure 5-14 Playback

5.5.3 Download Video

On the playback interface, adjust the blue bar to the select the period of video you want to download.

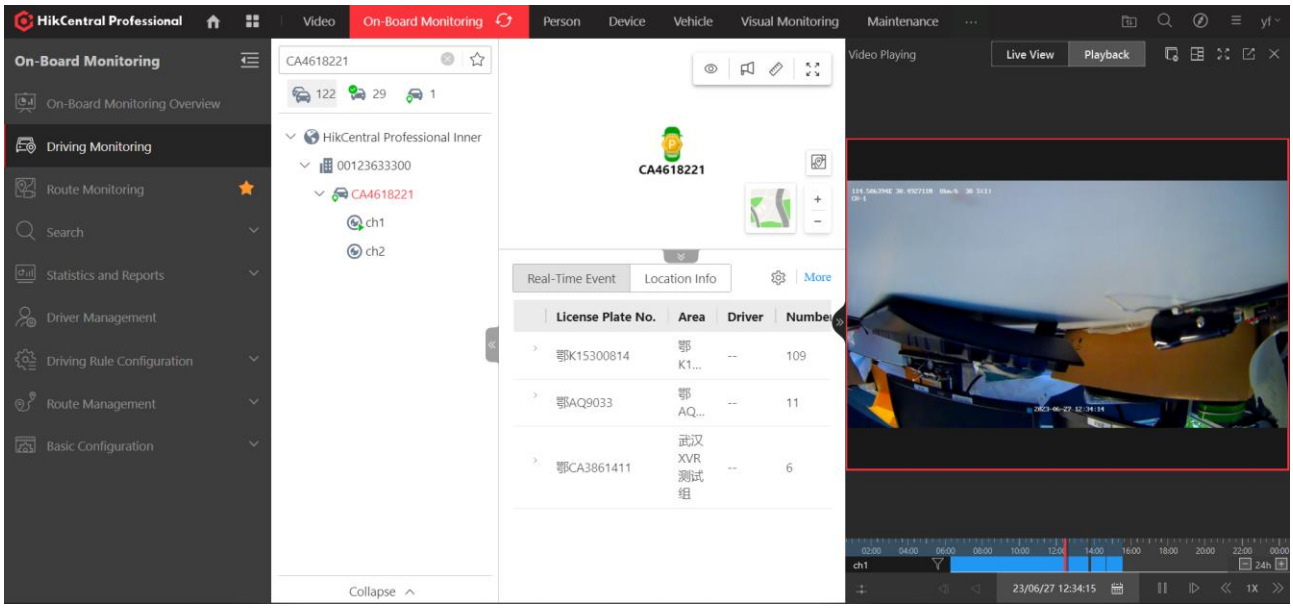


Figure 5-15 Download Video

5.5.4 Two-Way Audio

Go to the live view interface of the client and click the two-way audio icon to prompt the interface.

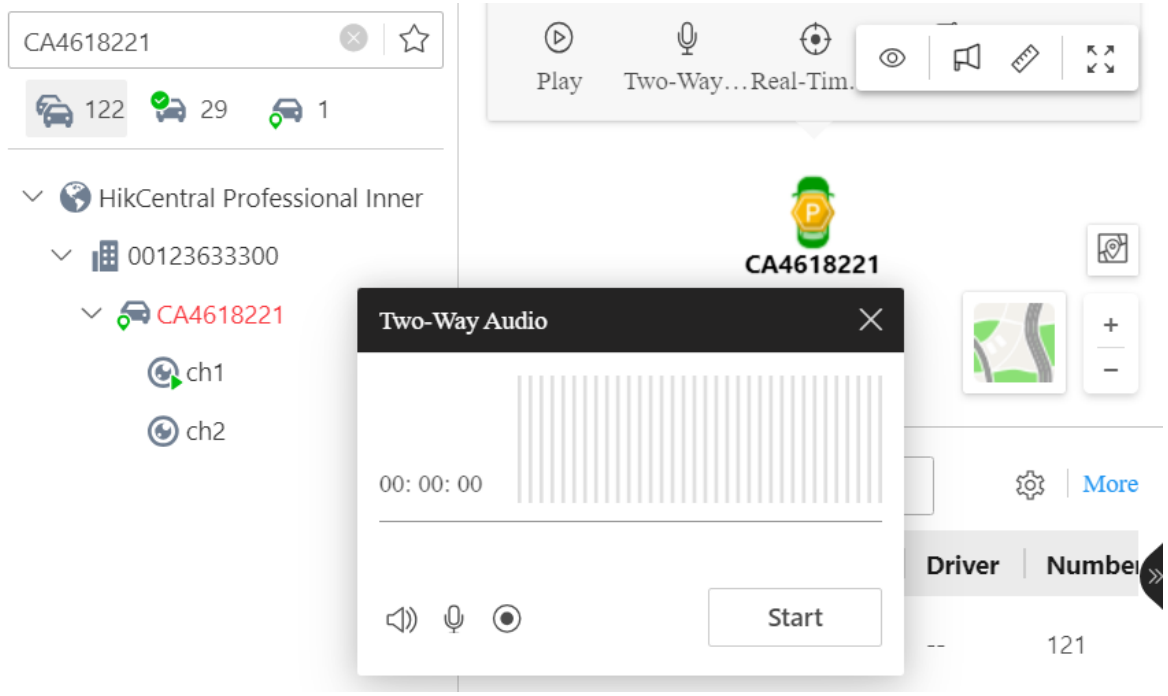


Figure 5-16 Start Two-Way Audio

5.5.5 Real-Time Tracking

Click Real-Time Tracking to locate the device. To get the GPS information, you can click Get Location and the location information will be displayed after the positioning succeeds.

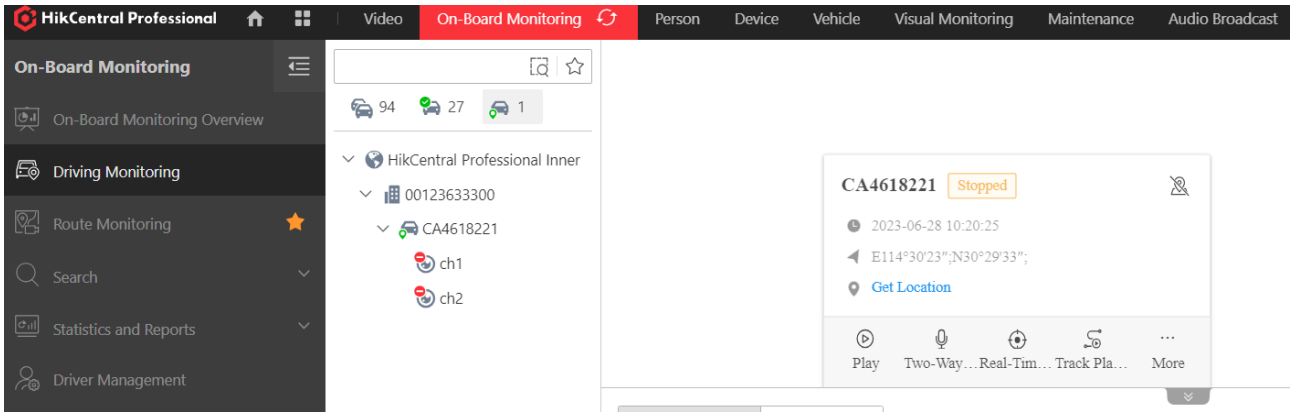


Figure 5-17 Real-Time Tracking

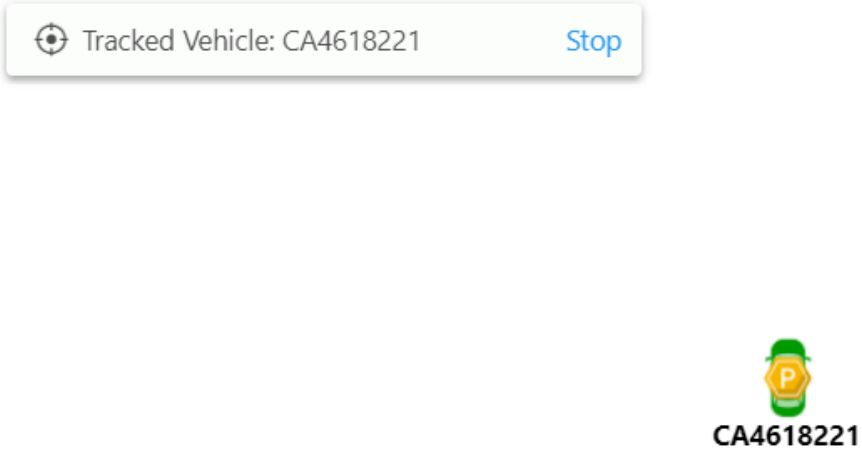


Figure 5-18 Position of the Device

5.5.6 Track Playback

Step 1 Go to the live view interface of the client and click Track to prompt the Track Playback interface.

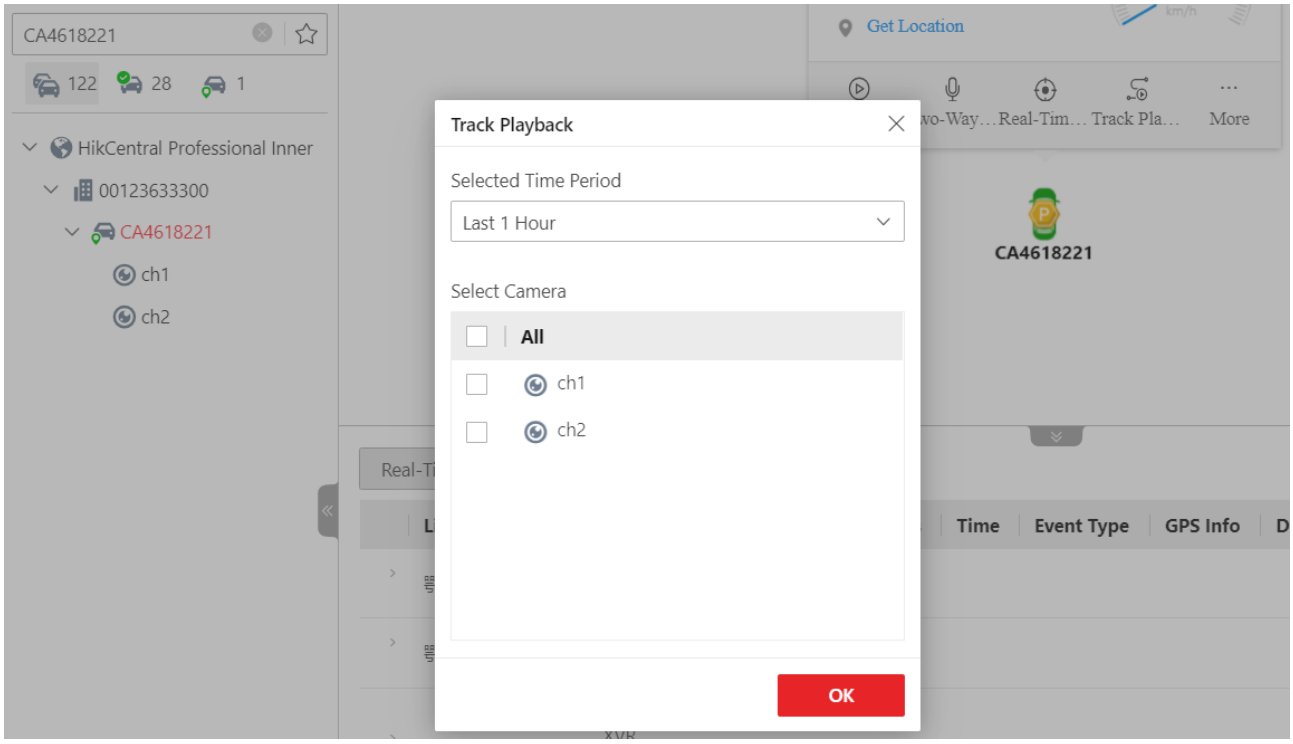


Figure 5-19 Track Playback

Step 2 Select a time period and the camera channel for the play back.

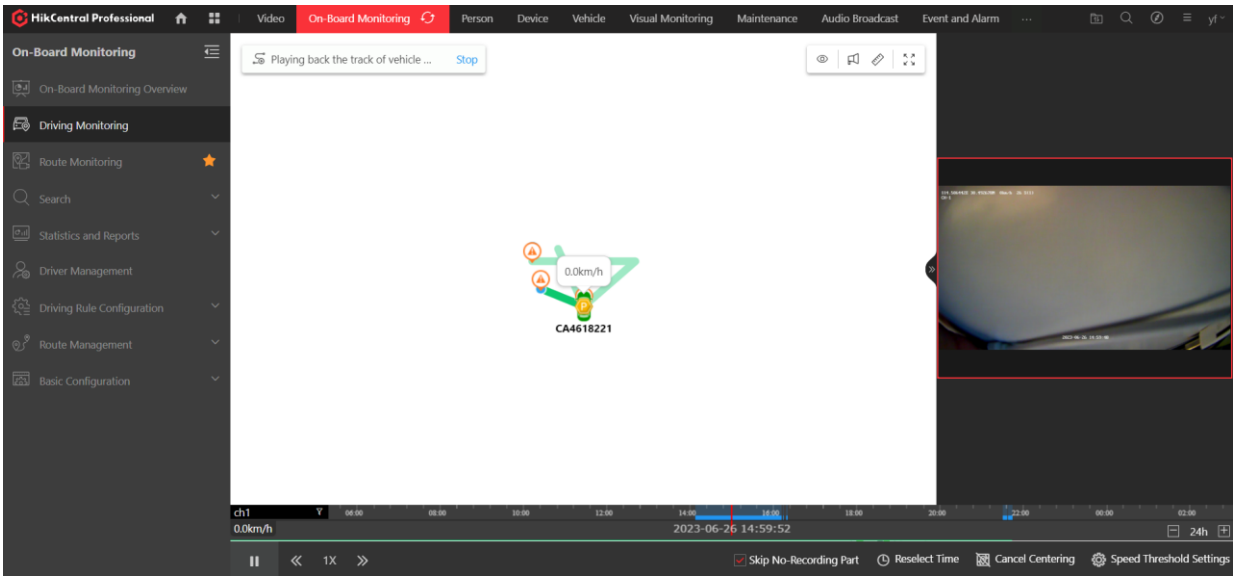


Figure 5-20 Track Interface

5.5.7 Send Text

Step 1 Go to the live view interface.

Step 2 Click **More** and select **Send Text**.

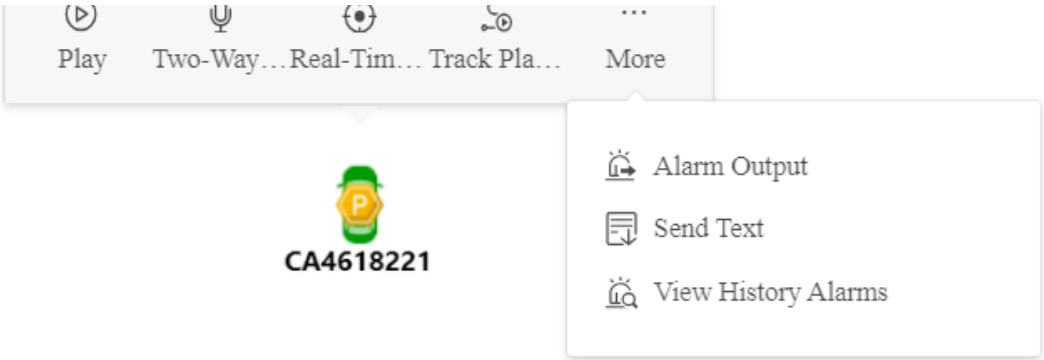


Figure 5-21 Send Text

Step 3 Enter the text to send.

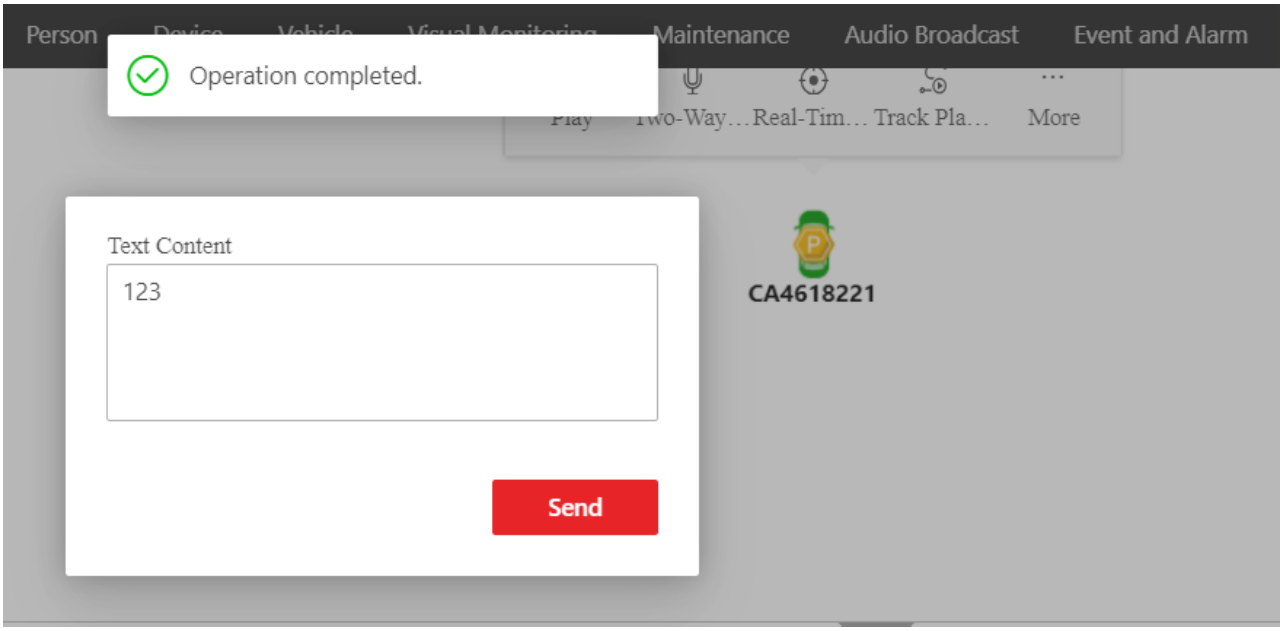


Figure 5-22 Edit the Text

Step 4 Click **Send**.

5.5.8 Remote Upgrade

Step 1 Click **Firmware Upgrade** → **Upgrade Firmware via FTP**.

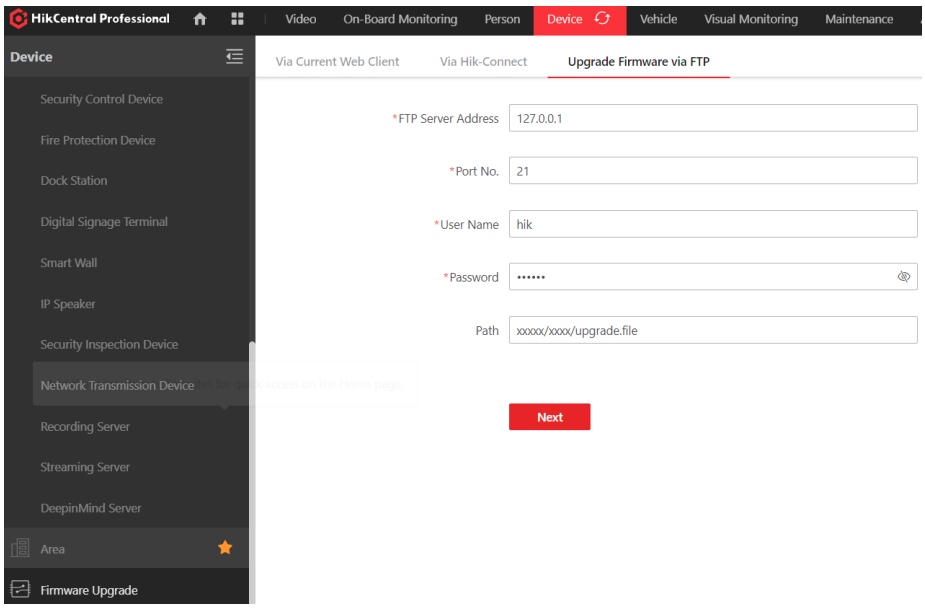


Figure 5-23 Upgrade Firmware via FTP

Step 2 Enter the FTP Server Address on which the upgrade package has been uploaded.

Step 3 Click **Next** and select the upgrade package.

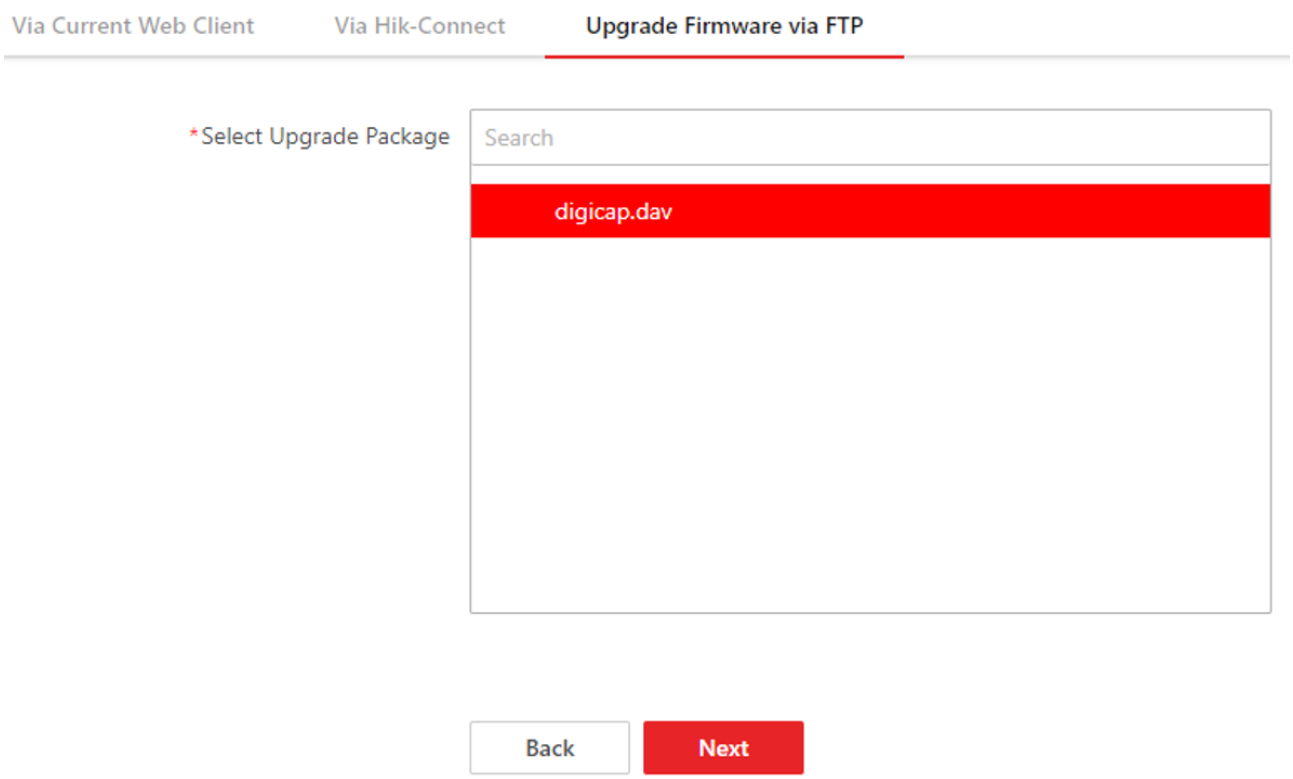


Figure 5-24 Select the Package

Step 4 Select the device to upgrade and the schedule.

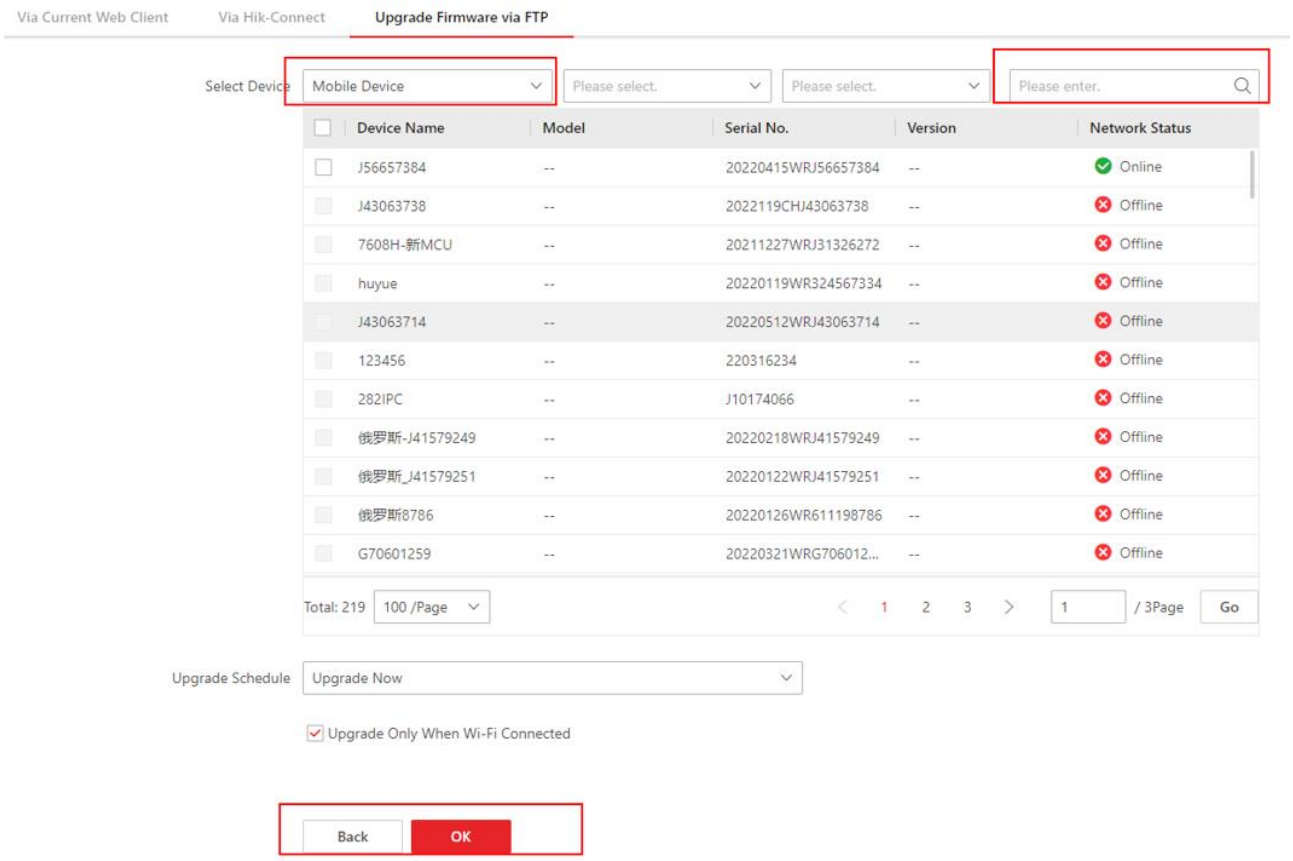


Figure 5-25 Upload Upgrade File

Chapter 6 FAQ

For a quick look into the status of the dashcam, check the following table.

Table 6-1 Device Indicator Status

Indicator	Status	Description
Wi-Fi Status Indicator	Steady	Wi-Fi AP open, App connected
	Flashing	Wi-Fi AP open, App connected
	Off	Wi-Fi AP closed
4G Status Indicator	Steady	4G signal normal, platform connection normal
	Flashing	4G signal normal, no platform connection
	Off	No 4G signal
Positioning (GNSS) Status Indicator	Steady	Positioning normally
	Off	Positioning abnormally
Recording (REC) Status Indicator	Steady	Recording normally
	Off	Recording abnormally. Check your TF cards.

6.2 Dashcam Start Failure

• Check whether the power supply is consistent with the required parameters of the dashcam.
• Check that the power cord is connected.
• Check that the vehicle power supply is normal.

6.3 Video Recording Failure

• Please confirm that you have inserted a TF card.
• Please confirm if the TF card is damaged, and if it is damaged, replace the TF card.
• Please try formatting the TF card.

6.4 Position Failure

• Please check for obstruction around the vehicle, and drive the vehicle to an open road. If the GNSS indicator is always on, this indicates that the dashcam is operating normally.
• Do not install the dashcam on the special car film. Some car film will affect the positioning signal, you need to move the dashcam to a place without the car film covering.

6.5 Blurry Video Image

- Please check whether you have removed the lens protector.
- Whether the lens is dirty.


See Far, Go Further