

# FT Vision V3.14.0 Operation Manual

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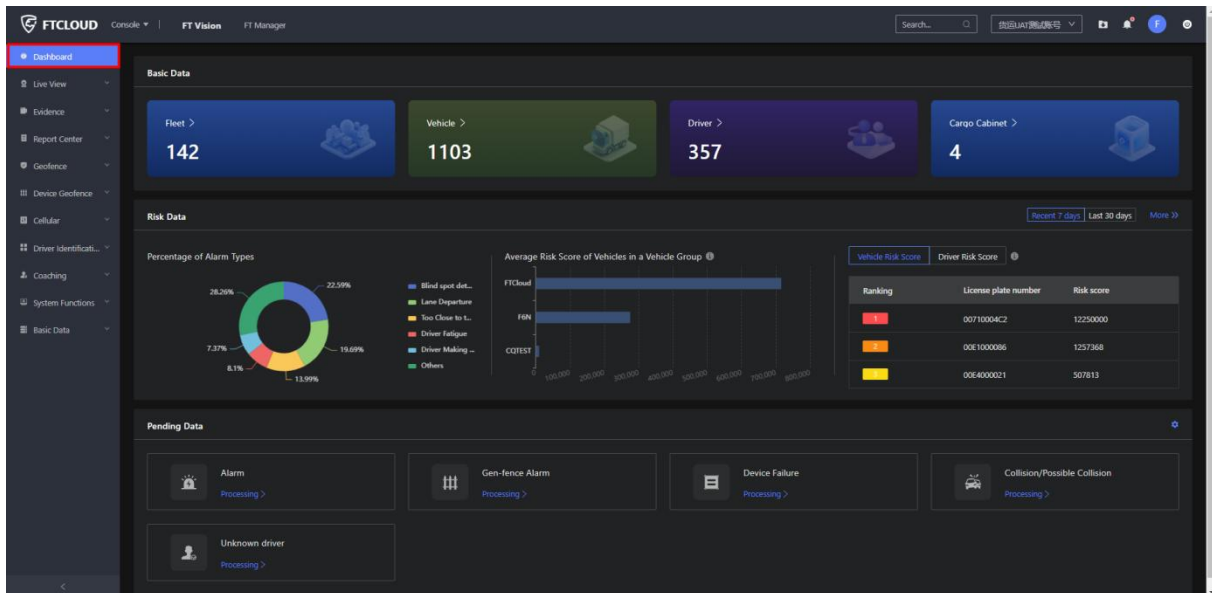
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# 1. Dashboard

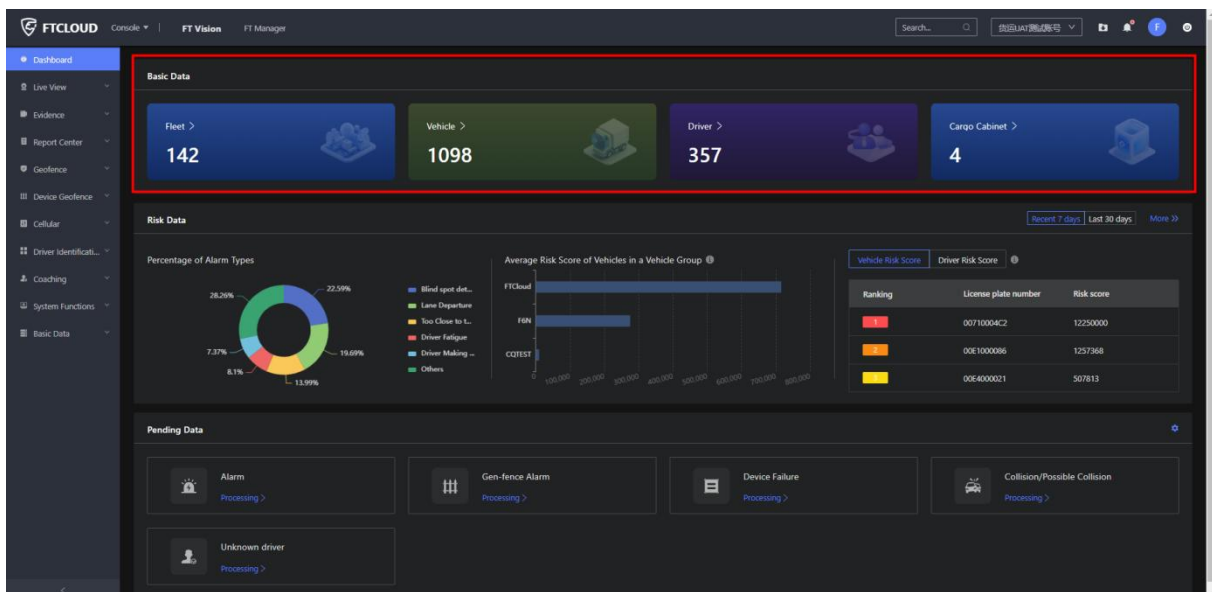
## 1.1. General Information



The Dashboard provides users with an overall overview of the fleet, an understanding of fleet numbers, recent risk data, and the ability to click on an alarm type to quickly jump to processing alarm information.

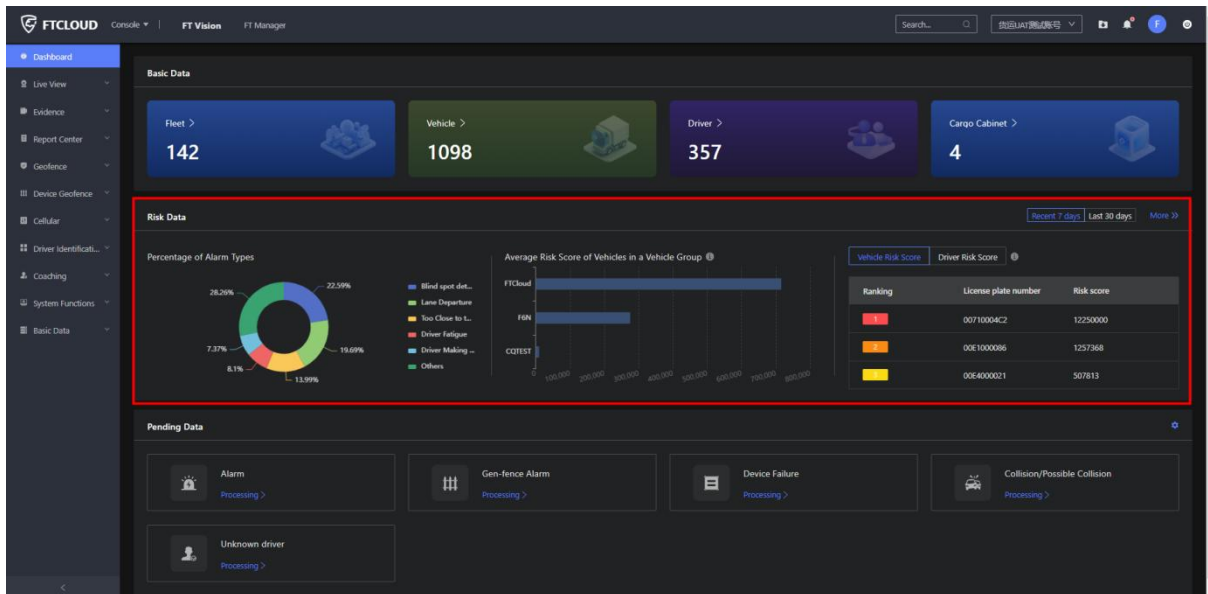
## 1.2. Functional Details

### 1.2.1. Basic Data



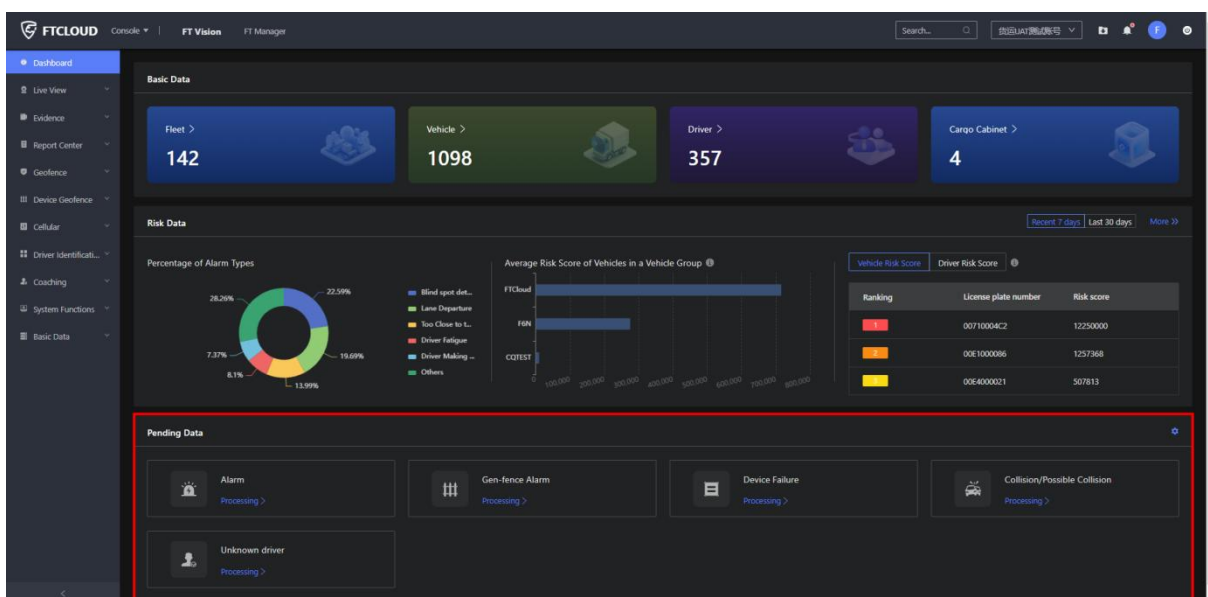
Fleet display board, you can display the number of fleets, vehicles, drivers and can click to jump to the corresponding management list page.

### 1.2.2. Risk Data



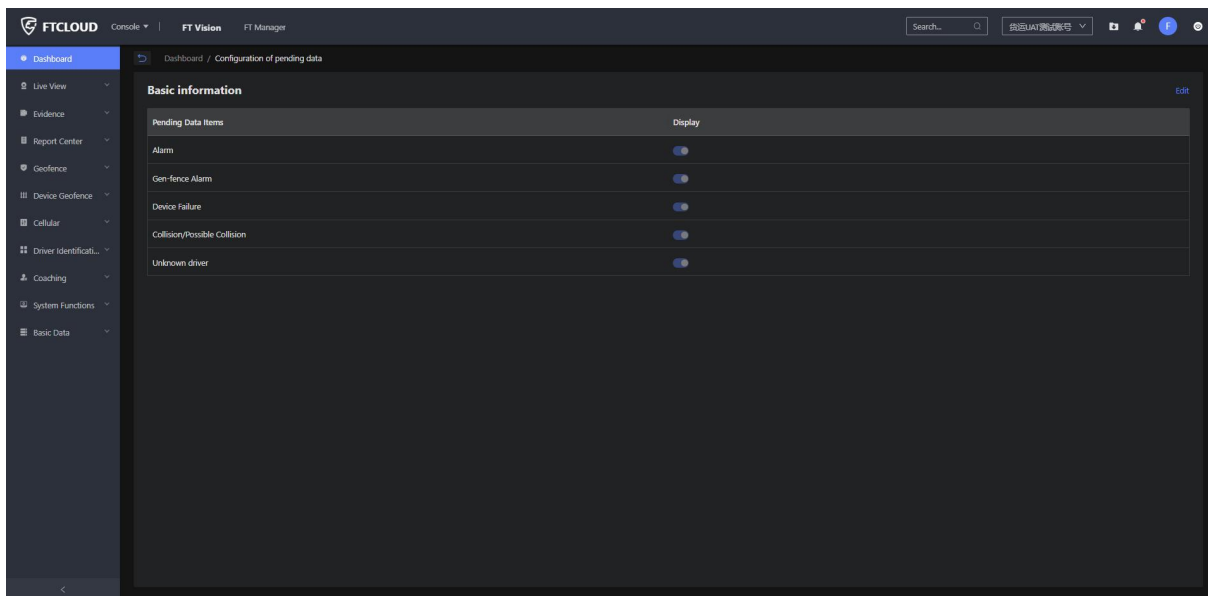
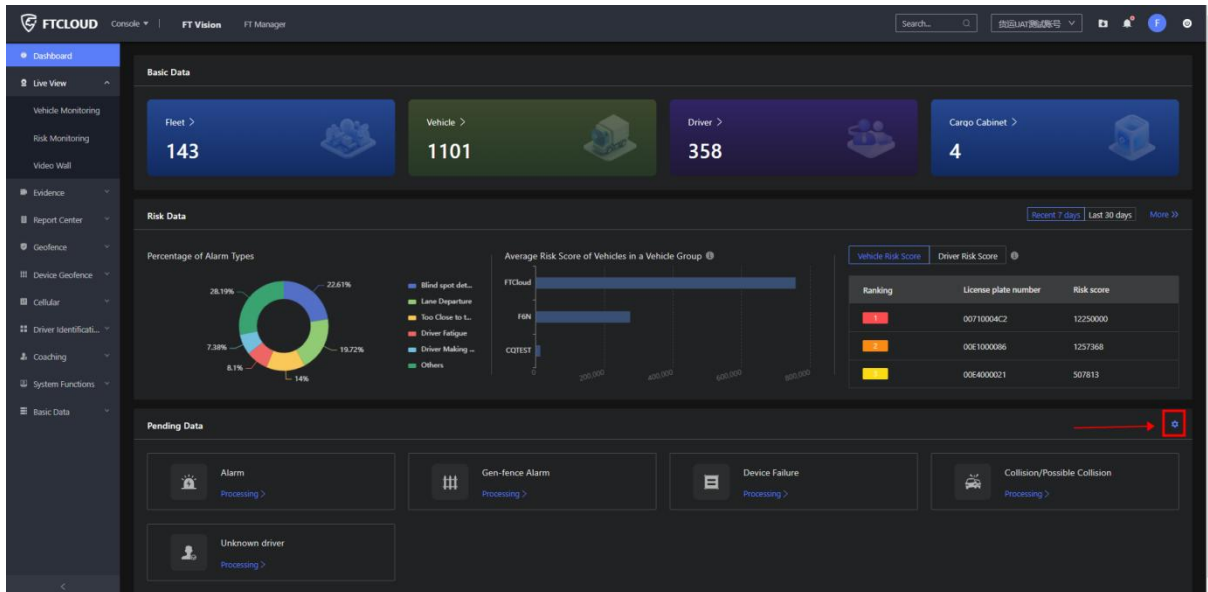
The Alarm Data and Risk Score Display section shows the percentage of alarm types for 7 or 30 days, the number of fleet risks, and the ranking of risk scores for vehicle and driver dimensions.

### 1.2.3. Pending Data



The pending data shows different alarm types, including all alarms, Gen-fence Alarm, device

failure alarm type, collision/possible collision alarm type, unknown driver alarm type. Click the "Process" button to jump to the list of all alarms, or jump to the list of filtered alarm types.

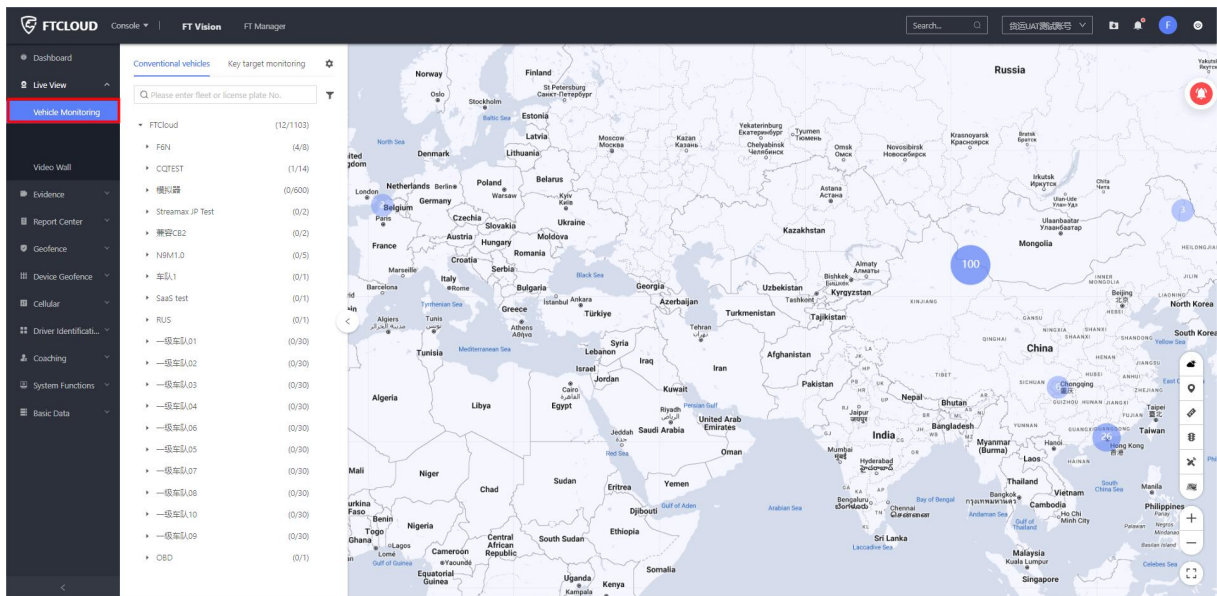


Click the "Configuration" button to jump to the pending data configuration page, according to their own needs to edit the Dashboard need to display the type of alarm.

## 2. Live View

### 2.1. Vehicle Monitoring

#### 2.1.1. General Information

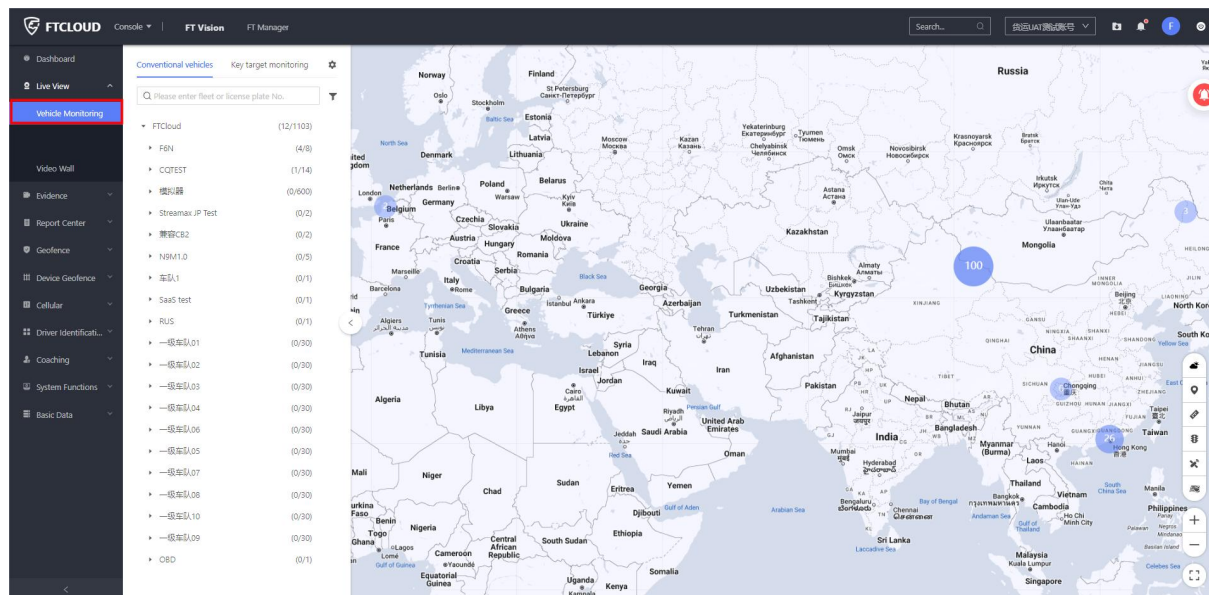


Vehicle Monitoring is mainly to manage the daily monitoring of the fleet, providing real-time information of the fleet, such as real-time geographic location, live videos and real-time alarms. It can be used to overview and intervene the fleet operation according to the vehicle online status, map information and alarm information.

The regular vehicle organization tree and map area could be seen on the vehicle monitoring screen, and you can also access to track playback and device playback functions on this screen.

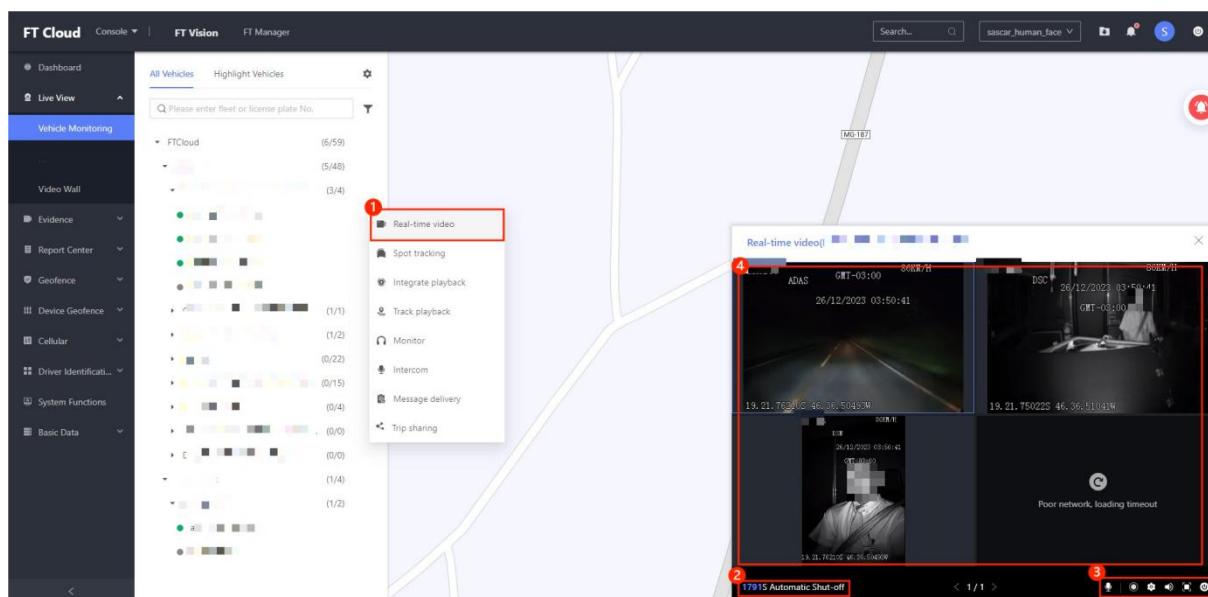
## 2.1.2. Functional Details

### 1) Button Details



- ① You can set the sorting of the lists and set the topping and sorting method for lists;
- ② Filtering area: you can input the group name or license plate number to filter, or click the filter button to filter according to the vehicle status, i.e. online or offline;
- ③ On the map, the total number of vehicles in an area will be displayed, and clicking the total number of vehicles will enlarge the map to show the locations of vehicles in that area;
- ④ Clicking on the name of a vehicle in the list can also enlarge the map to show the location of that vehicle;
- ⑤ You can click the star-shape button to add vehicles as key target vehicles, click "Key target monitoring" to view the list of key target vehicles; click the detail button to view the vehicle group or vehicle information;
- ⑥ Vehicle information can also be viewed by clicking on the vehicle icon in the map;
- ⑦ You can access to the Real-time video, Sport tracking, Fusion playback, Track playback, Monitor, Intercom, Message delivery ,Trip sharing pages of the selected vehicle through the vehicle list;
- ⑧ You can click the alarm button to view the alarm list;
- ⑨ The map supports weather, location search, ranging, traffic, satellite map, terrain map, zoom in, zoom out, full screen and more.

## 2) Real-time video



① You can select the specific vehicle operation "Real-time video" on the "Vehicle Monitoring" page and monitor the vehicle in real time through the pop-up window in the lower right corner;

② The default viewing length of live video is 120s, which can be set in FT Manager according to your needs;

③ Supports intercom, recording, settings, volume, full screen and close video functions;

④ The default number of channels on a single page of the live video is 4, The number of display channels can also be switched in the settings. The number of channels displayed is limited by the actual number of channels, that is, if the number of channels  $\leq 4$ , it can not be displayed as 9 channels, similarly, if there is only 1 channel, it can not be displayed as 4 or 9 channels.

Attention: If a channel of the device is turned on the privacy mode, the platform's direct video can not show the channel video, the text suggests "Privacy Mode", affecting the page with vehicle monitoring.

### 3) Spot tracking

The screenshot displays the Streamax FT Cloud interface for spot tracking. The interface is divided into several sections:

- Navigation Sidebar:** Includes Dashboard, Live View, Vehicle Monitoring (selected), Video Wall, Evidence, Report Center, Geofence, Device Geofence, Cellular, Driver Identificati..., System Functions, and Basic Data.
- Header:** FT Cloud, Console, FT Vision, FT Manager, Search, and user profile.
- Main Content Area:**
  - Vehicle Monitoring:** Fleet: GONTIJO DE TRANSPORTES LIMITADA, Driver name: -
  - Video Wall:** Four video feeds showing ADAS, DSC, a third camera view, and a 'Poor network, loading timeout' message.
  - Speed Curve:** A line graph showing speed in km/h over time, with a peak around 80 km/h.
  - Alarm Event:** A list of events including GPS lost alarm and Lane Departure.

When you notice a driver or vehicle with dangerous driving behavior, you can click on "Spot tracking" to monitor and intervene with the driver in a timely manner through single vehicle escort.

On the Spot tracking page you can view real-time vehicle video, vehicle tracks, speed trends, and alarm events.

### 4) Integrate playback

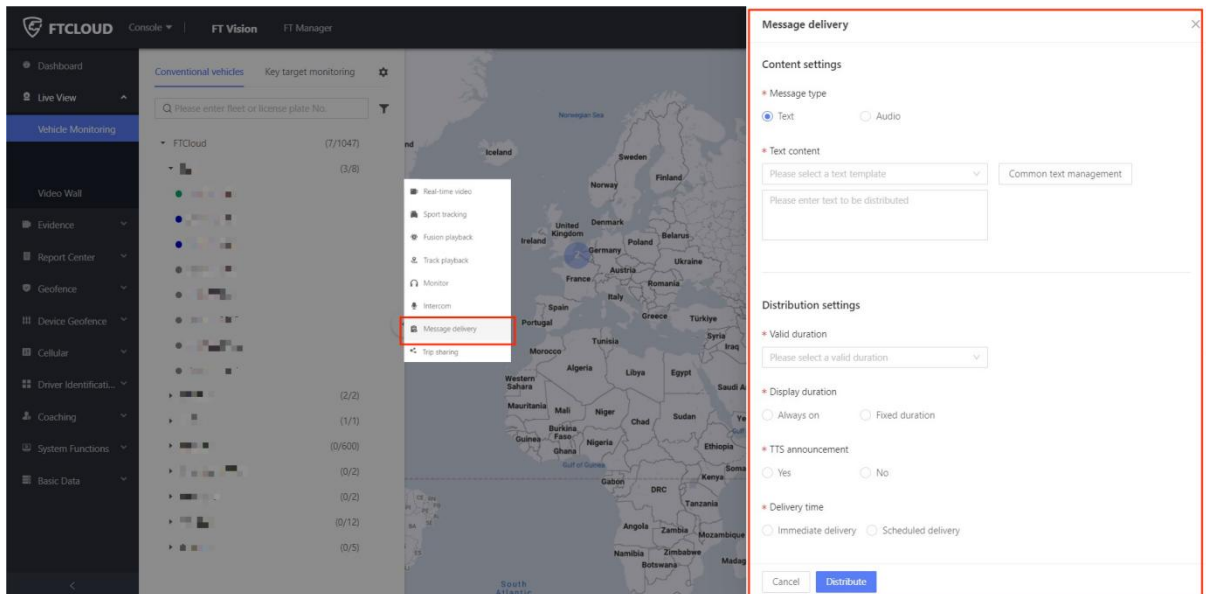
See section 3.1 Video Playback for details.

## 5) Track playback

You can select a specific vehicle on the "Vehicle Monitoring" page and click "Track playback" to view the history of the vehicle's trips and locate anomalies. That is, you can check a specific vehicle's travel track, travel time and distance, time and locations at the starting and ending points, parking information and speed curve on the set date, as well as the type, location, time and other information of alarm triggered by the vehicle for abnormal conditions.

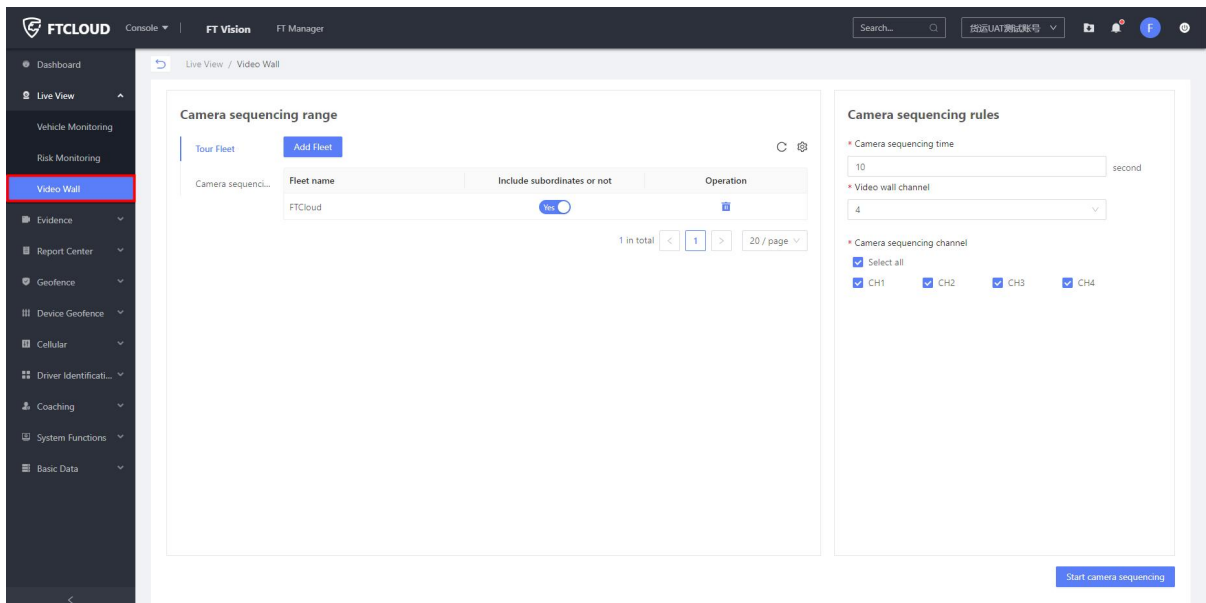
- ① Click "View video playback" to display the device playback page of the selected vehicle. If the trip start time is the same as the trip end time (i.e. the trip time is too short), there will be no valid data, and the pop-up window on the page will indicate "The travel time is too short, and no valid data can be queried".
- ② The parking duration is displayed between every two trip cards;
- ③ Click "Speed curve" button, you can pull down the curve trend graph to zoom in and out. Moving the mouse cursor over it could show the alignment line, and the corresponding time and speed, and the track will be linked with green markers to show the corresponding positions;
- ④ Trip support Alarm filter, Trajectory export, Track bound driver and Save route function;
- ⑤ The black icon on the route indicates a parking spot. Hover your mouse over the icon to display the parking spot information;
- ⑥ Show vehicle location and direction of travel;
- ⑦ The progress bar can be operated to play, stop, terminate and multiply the speed to show the vehicle track of the corresponding trip (the track line is marked with a green circle to show the vehicle position at the same time).

## 6) Message delivery



On the FT Vision - Live View - Vehicle Monitoring page, the user can click Message delivery and the Message delivery page is displayed, where the user can select text message or audio message to prompt the driver.

## 2.2. Video Wall

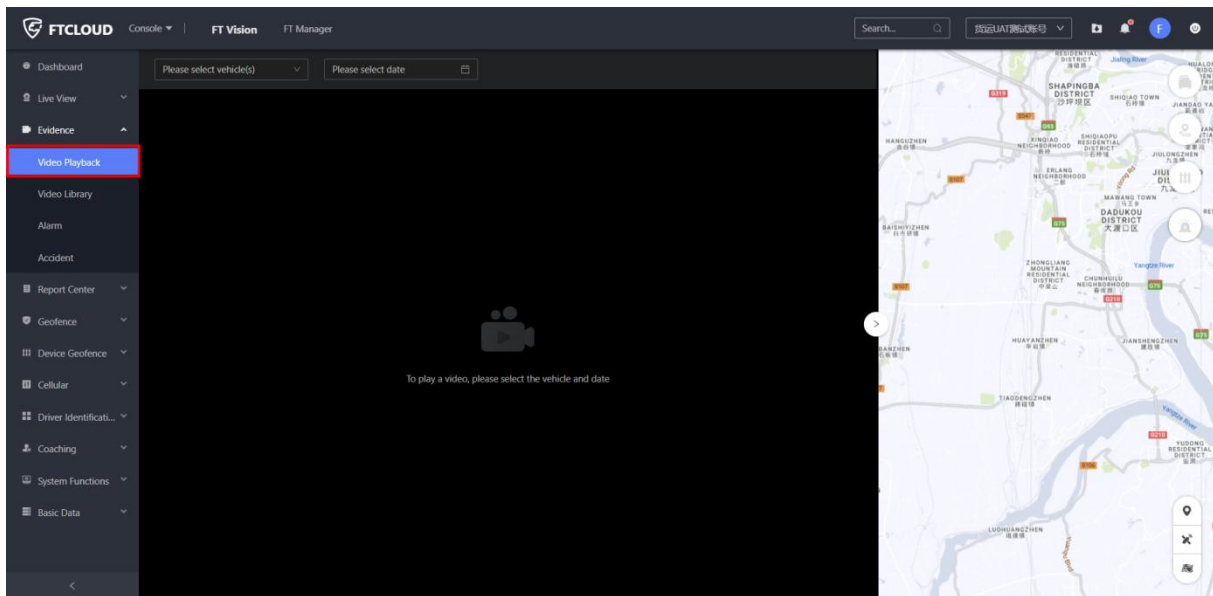


Users can set up video patrol rules on the video wall, and the browsing window will monitor the screen of a group of devices in turn according to the designated patrol interval and channel.

## 3. Evidence

### 3.1. Video Playback

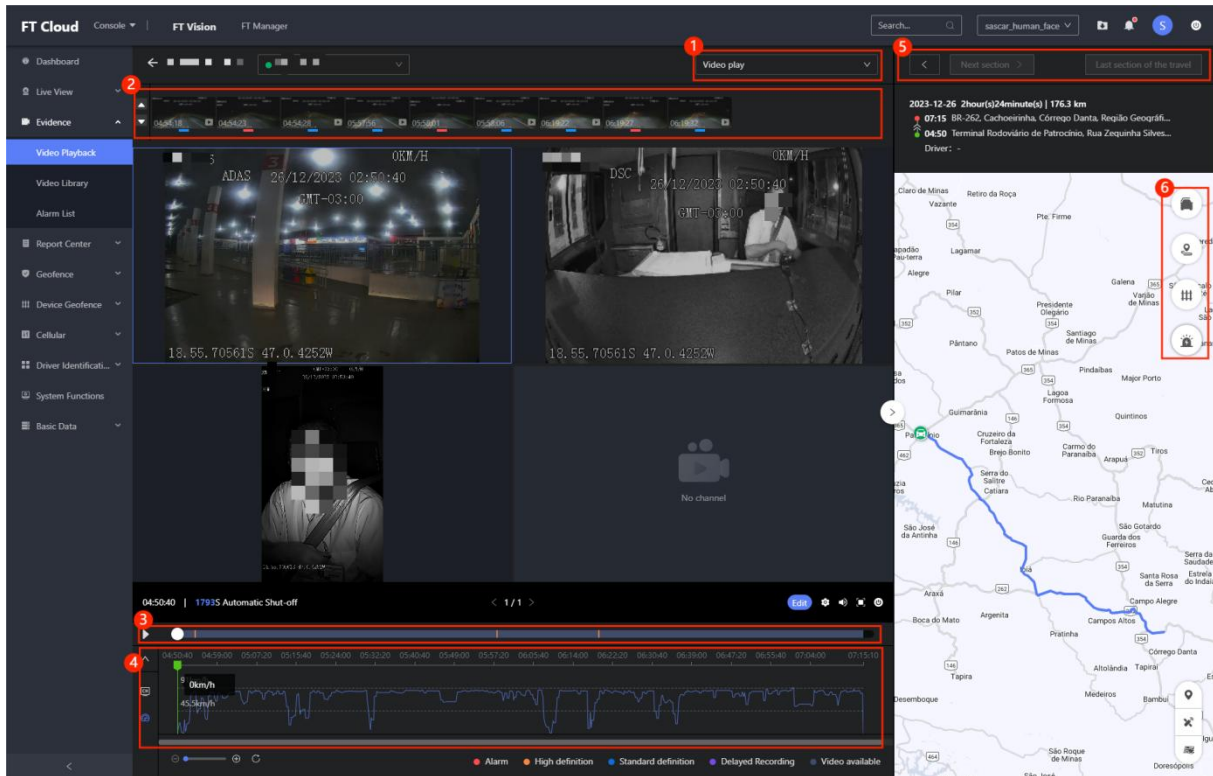
#### 3.1.1. General Information



You can view the driving situation inside and outside the vehicle, the track corresponding to the trip and the vehicle location, alarm positioning, time, speed and other data through video playback or picture playback in the device playback page.

## 3.1.2. Function details

### 1) Playback details

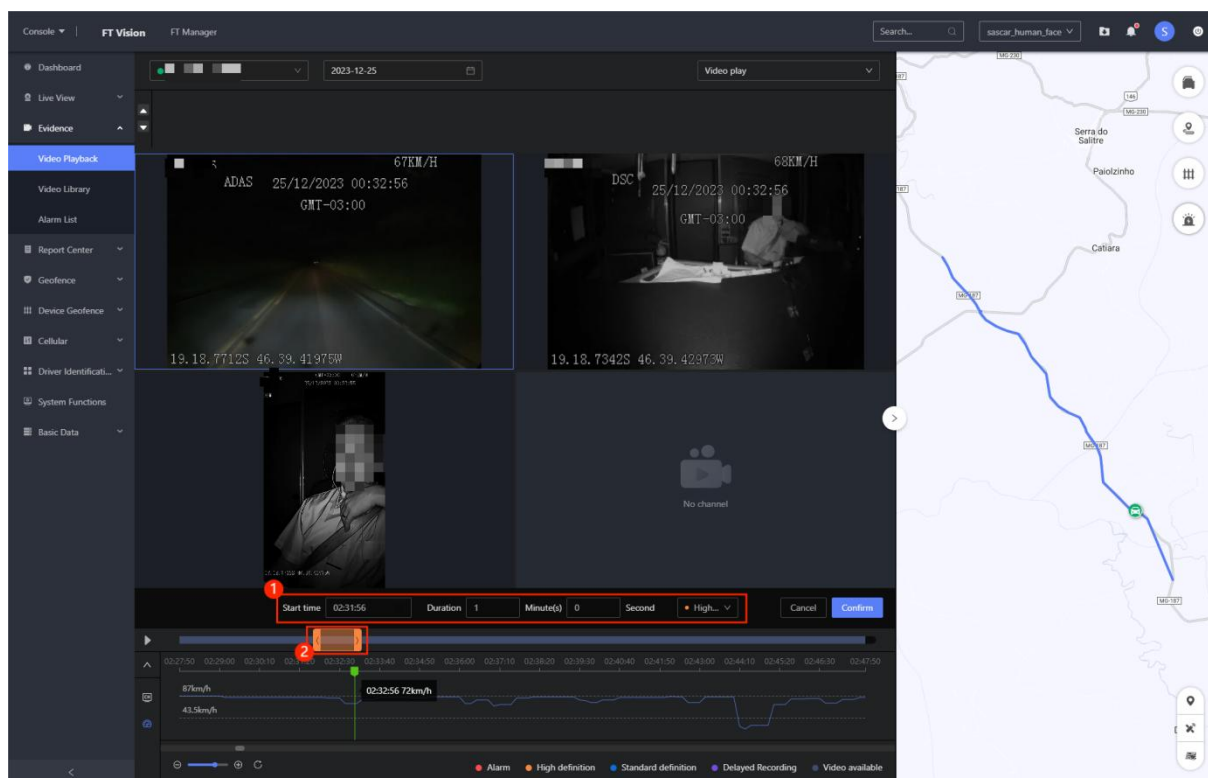


- ① The playback mode can be selected between "Video" and "Image";
- ② Thumbnail is displayed at the top of the video;
- ③ Show aggregation status progress bar, playback bar shows the storage status of the video, the status color represents the meaning of the color description at the bottom of the page can be referred to;
- ④ You can pull down to select display channels or speed curves;
- ⑤ You can click to select the previous, next or the final trip (the data switching corresponds to the list of trips on the track playback page);
- ⑥ Map functions: Putting the mouse cursor over a function could display the function name. The functions from top to bottom are view vehicle, export track, export Geo-fence and alarm filtering (the alarm filtering function is same as that in the track playback page);

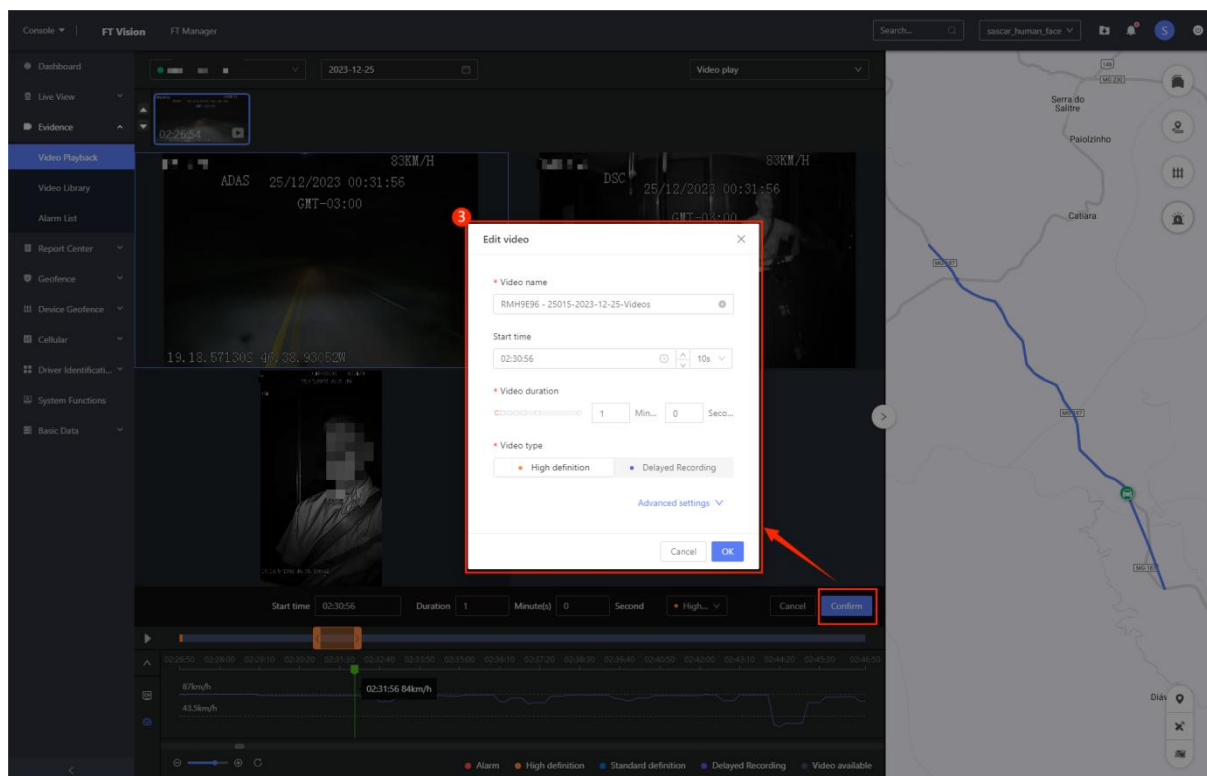
Note: Videos, thumbnails, playback progress bars, channels, speed curves, map tracks can be linked according to time.

## 2) video edit

You can click “Edit” on the device playback page for video editing to improve the collection of evidence, and both video playback mode and image playback mode support the edit function. The editing status could show the picture at the end of the editing, and “No pictures” will be displayed if there is no picture. Select "Delayed recording" as the video type in the editing pop-up, and click to select the length of the video up to 60 minutes.



- ① The start time, editing length, sharpness options, cancel and OK buttons are displayed above the edit status progress bar;
- ② The default length of the edit bar is 1 minute, which can be adjusted by dragging the start and end positions to left and right, Clicking on any position of the progress bar can move the edit start position to the clicked position.



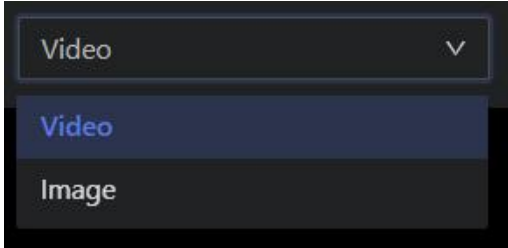
③ Click “Confirm” to show the pop-up window for saving the edit, and click "Cancel" to return to the former playback status.

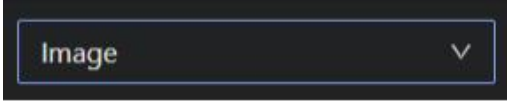
### 3.1.3. Special Notes

There are two playback modes for video playback, i.e. video playback mode and image playback mode. The differences between the two models are described below in four areas.



#### 1) Device status

(Red, gray and green represent the device alarm, offline and online status, respectively)

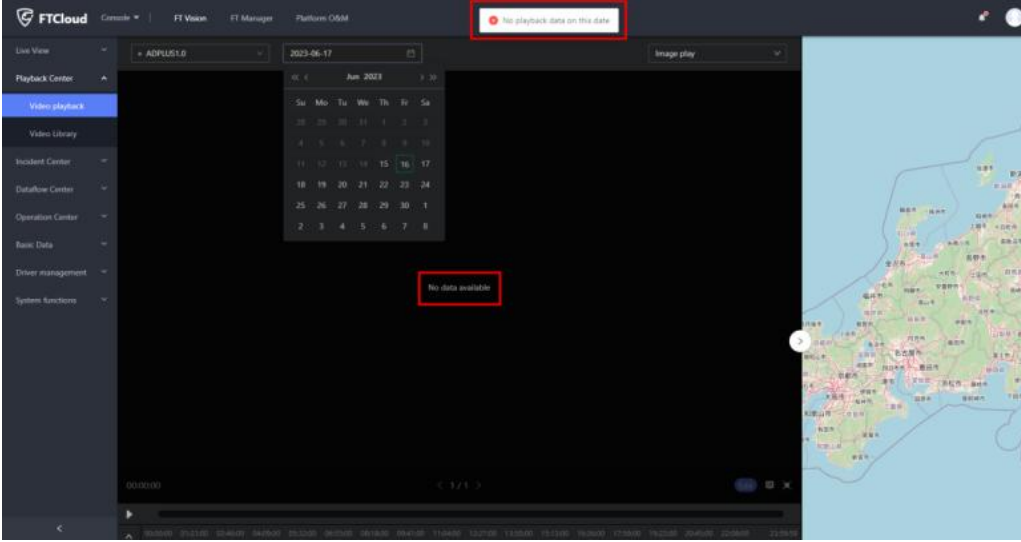
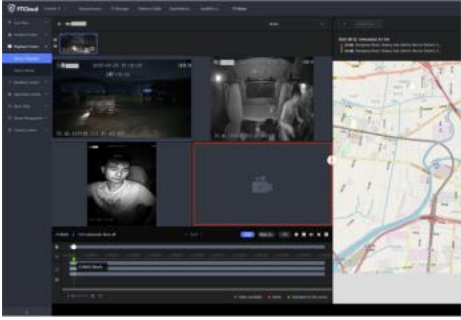
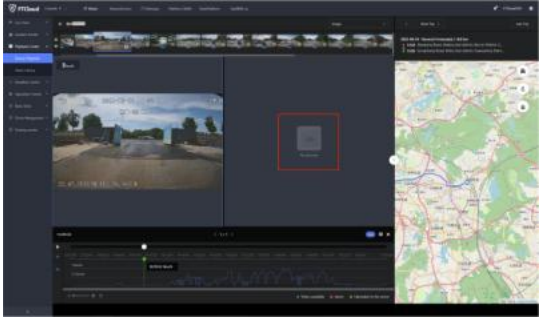
	Video playback mode	Image playback mode
Online status		
	Select "Video" in the drop-down	Select "Image" in the drop-down

	menu above the video for display	menu above the video for display
Offline status	None	
	None	The device will display in image playback mode by default when it's in offline status

## 2) Playback progress bar

	Video playback mode	Image playback mode
Screen shots		
Common points	Time scale is displayed below progress bar	
	There are zoom in, zoom out and reset buttons below the progress bar. After zooming in, a horizontal scroll bar will appear below the time scale. Drag it to left and right to view the complete time range content. Click the reset button to go back to the initial state	
Differences	The progress bar is in an aggregation status, with white means that there are videos, red means that there are alarms, and green means that the video has been uploaded to the server	The progress bar only shows red alarm points
	There are video duration and automatic shutdown countdown, as well as function buttons for edit, volume, setting and full screen above the progress bar	The automatic shutdown countdown is not displayed above the progress bar but only video duration. Only the function buttons for edit, channel selection and full screen are maintained
	The pull-down button below the playback button could be used to select display channels and speed curves	Only speed curves could be displayed by clicking the pull-down button

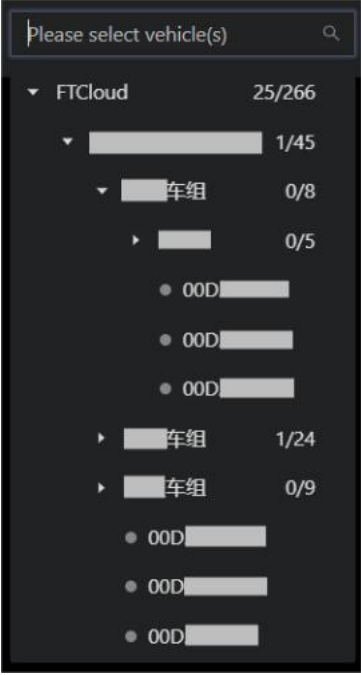
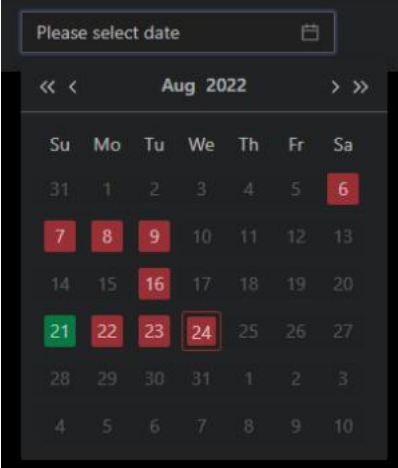
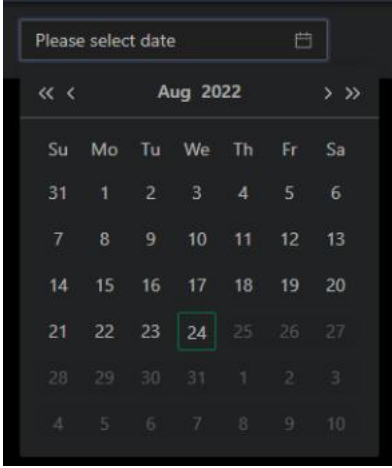
### 3) Playback

	Video playback mode	Image playback mode
Common points	 <p>If there is no video data, the image playback mode will be selected by default. If no image has been uploaded, the pop-up will prompt "No playback data on this date", and the page will show "No data available".</p>	
Differences	 <p>Video of each channel will be displayed, no image will be displayed if there is no channel</p>	 <p>All images uploaded for each channel will be displayed at an interval of 3s, and "No pictures" will be displayed if there is no image</p>

### 4) Device and date selection

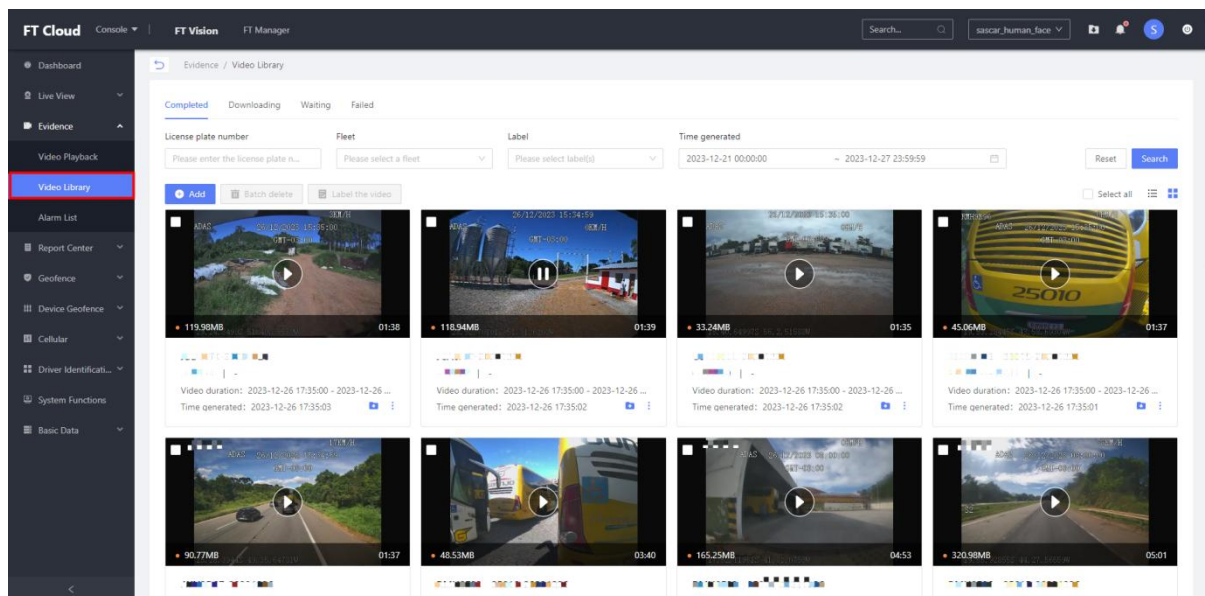
(Device and data could only be selected in the track playback entered through menu for display)

	Video playback mode	Image playback mode
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<p>Common points</p>		
<p>The device selection functions are the same</p>		
<p>Differences</p>		
<p>Dates with data records could be selected with red for alarm on the date and green for no alarm on the date</p>		<p>Dates can be selected as far back as six months, and each date within six months can be selected</p>

## 3.2. Video Library

### 3.2.1. General Information



Video library is used to store videos that can be requested for downloading manually. All manually requested videos, edited videos and lively recorded videos are stored in this module.

### 3.2.2. Function details

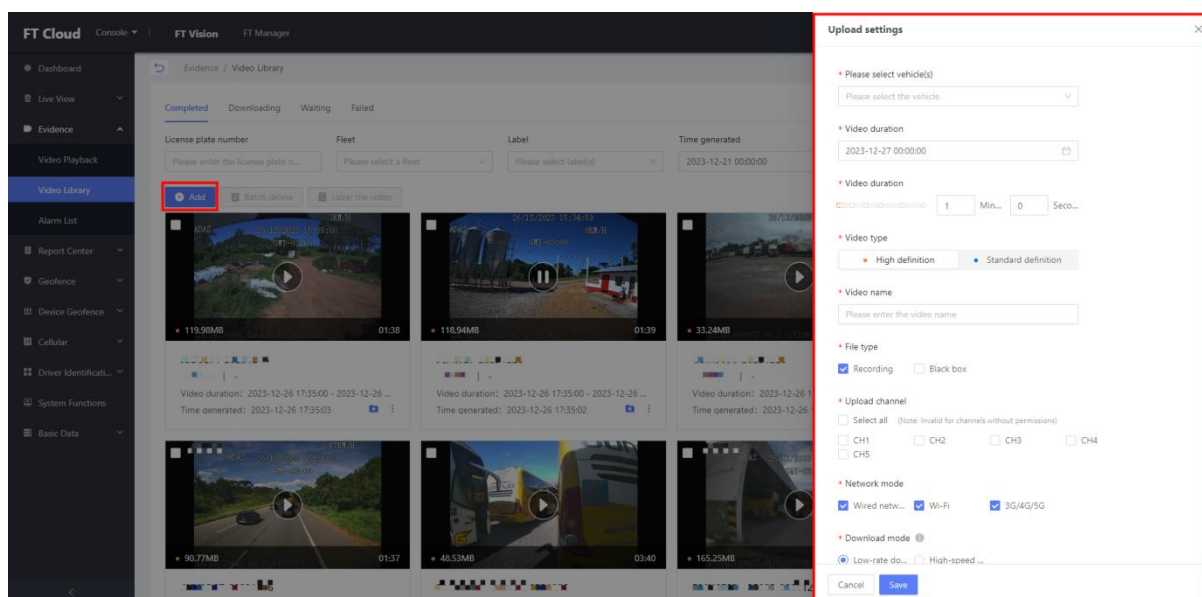
#### 1) Video GalleryPreview mode

	List preview mode	Picture preview mode
screens hot		
Same point	① Search: license plate number, fleet name, label and generation time (time frame is selected by default to use the time of the day of the platform)	
Different point	② Function operation: support batch processing, refresh, column setting function, and preview mode selection function	② Function operation: Only support batch processing and preview mode selection function

③ Show the list.

③ Photo Gallery

## 2) Offline device video request



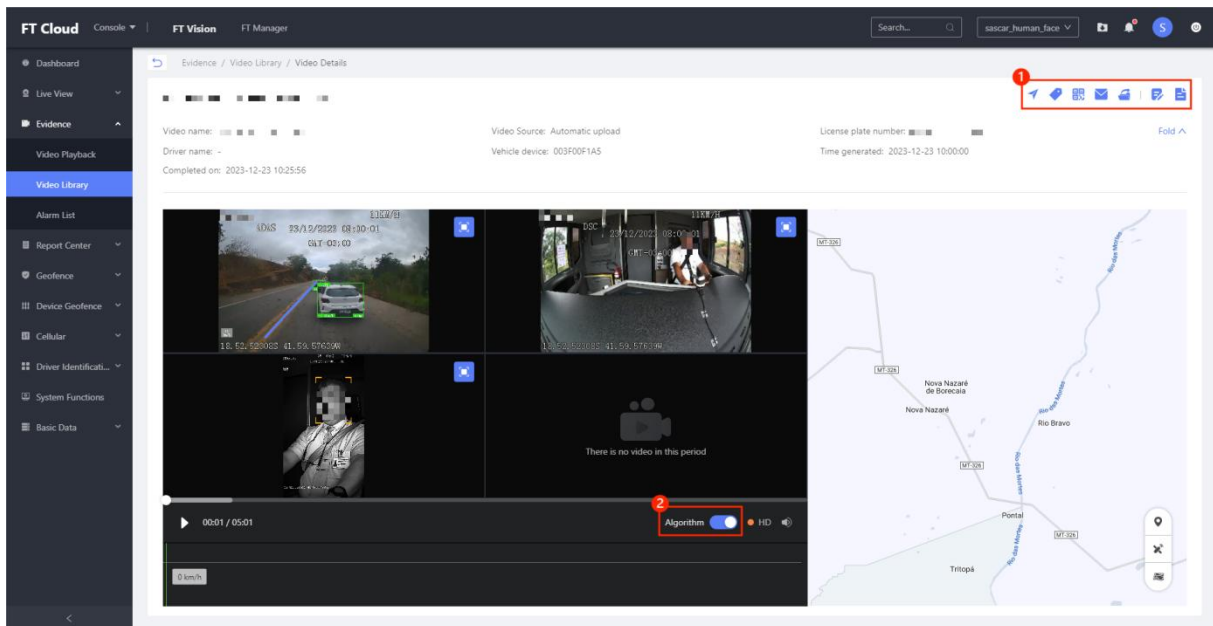
This function mainly helps to solve the problem that the videos could not be obtained from an offline device for editing; click "Add" to create a video download task.

Uploading a video can be divided into two scenarios:

- ① Scenario 1: the device is online, and 3/20/2022 15:00-16:00 video is booked at 3/20/2022 8:00AM. Then the device will turn off the camera at 16:00 for video upload. If the upload takes 10 minutes, then the device will not record the video from 16:00 to 16:10, and after 16:10, the device will resume the recording;
- ② Scenario 2: The 3/20/2022 15:00-16:00 video is requested at 3/20/2022 18:00 PM, but the current device is not online. Then when the device is online, it will automatically upload video, and the recording function will be disabled in high-speed download mode.

Note: In low-speed download mode, the recording function will work normally.

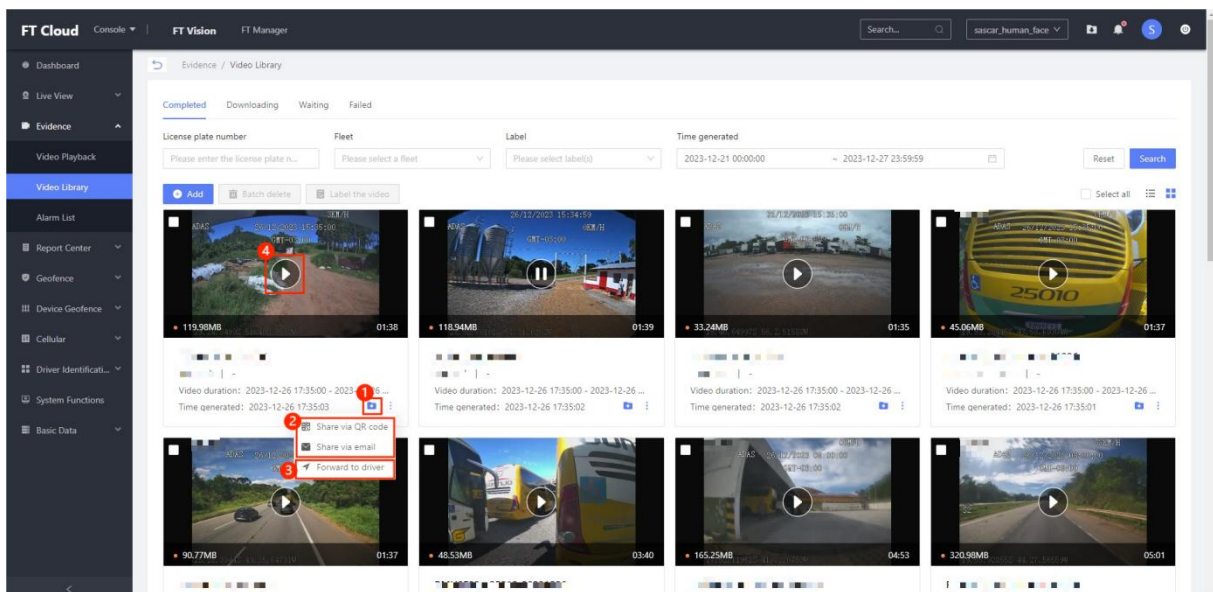
### 3) Video Details



Click on the video name to enter the video details page to view basic information, videos and maps.

- ① You can push the video to the driver, tag the video, share the video via QR code, email or download the video to the local area, and also support to view the operation history and access history, the operation history can be deactivated for the shared content;
- ② Turn on the Algorithm button mode can intelligently identify and label the characters and vehicles in the video.

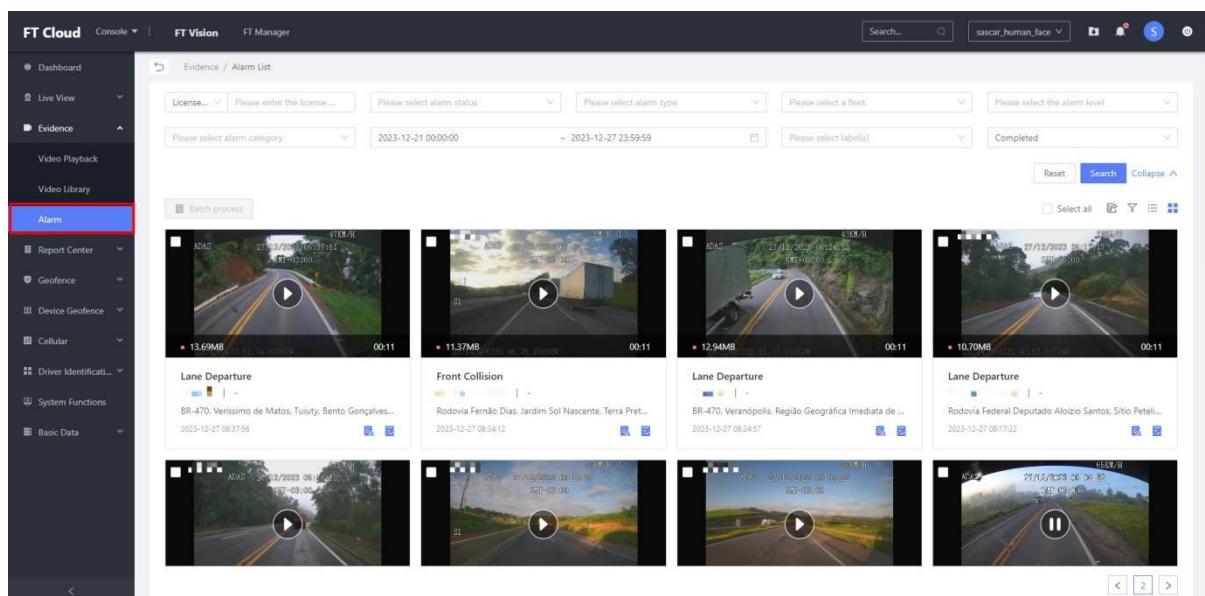
### 4) Subsidiary functions



- ① To download the video to the local device for viewing and advise you to go to the personal center to handle this task. You can simply click on "Download" in the personal center to save the file locally;
- ② To share the video by email and QR code; (for email sharing, you need to set the email information and template in FT Manager first);
- ③ To use driver push to push the course to drivers;
- ④ In the image preview mode, if the current evidence is a video, a white play button will appear in the middle of the image, allowing you to quickly preview the evidence video by clicking on the play button; if the evidence is an image, clicking on the image will enlarge it for viewing and allow you to switch between images.

## 3.3. Alarm

### 3.3.1. General Information



This page allows you to quickly search and preview the alarms generated by the fleet during a time period, and you can limit the search to individual vehicles.

## 3.3.2. Function details

### 1) Video Details

The screenshot shows the 'Alarm Detail' page in the Streamax FT Cloud interface. The page title is 'Lane Departure-RMH9E93 - 25010'. The alarm information is as follows:

Field	Value
Type	Lane Departure
License plate number	RMH9E93 - 25010
Alarm level	Other Risk
Category	ADAS Warning
Driver name	-
Alarm device	003F00F075
Alarm time	2023-12-27 10:18:50
Vehicle speed	60 km/h
Alarm location	220059, Rodovia Darily Santos, Conjunto Habitacional E...

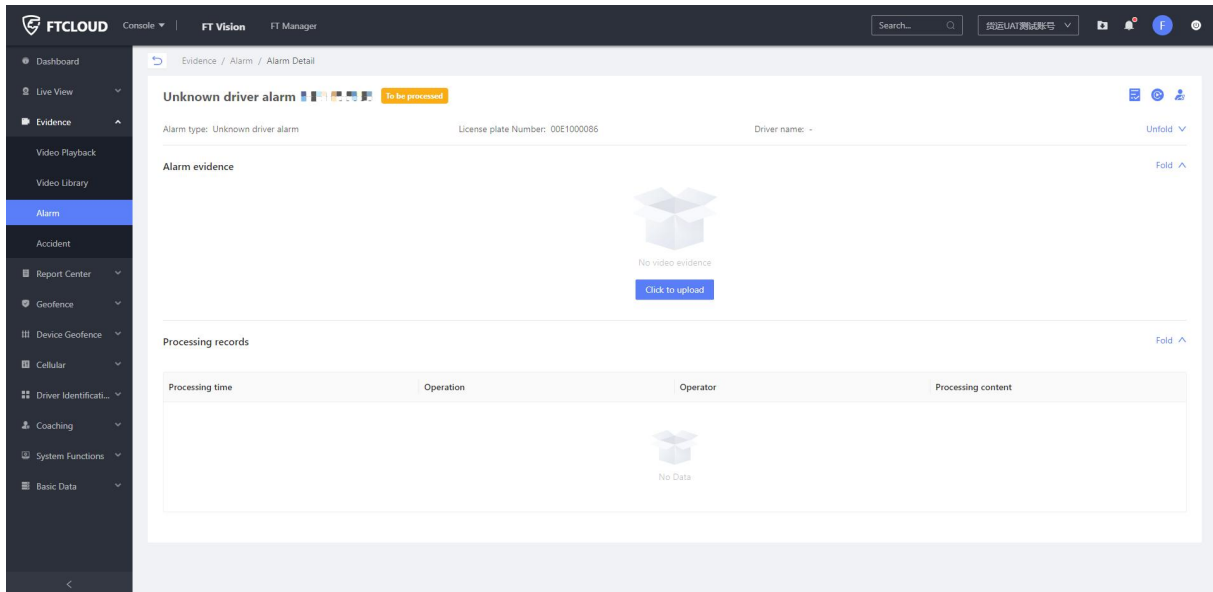
The 'Alarm evidence' section shows four video thumbnails. The first three show different views of the vehicle and the road, while the fourth shows a person's face. The video player below the thumbnails shows a progress bar at 00:00 / 00:11 and a speed indicator of 0 km/h. The 'Processing records' section shows a table with the following data:

Processing time	Operation	Operator	comment
2023-12-27 10:45:10	Complete processing	sasclar_human_face	-
2023-12-27 10:44:59	Complete processing	sasclar_human_face	-

The page also includes a search bar, a user profile dropdown, and a sidebar with navigation options like Dashboard, Live View, Evidence, Video Playback, Video Library, Alarm List, Report Center, Geofence, Device Geofence, Cellular, Driver Identificati..., System Functions, and Basic Data.

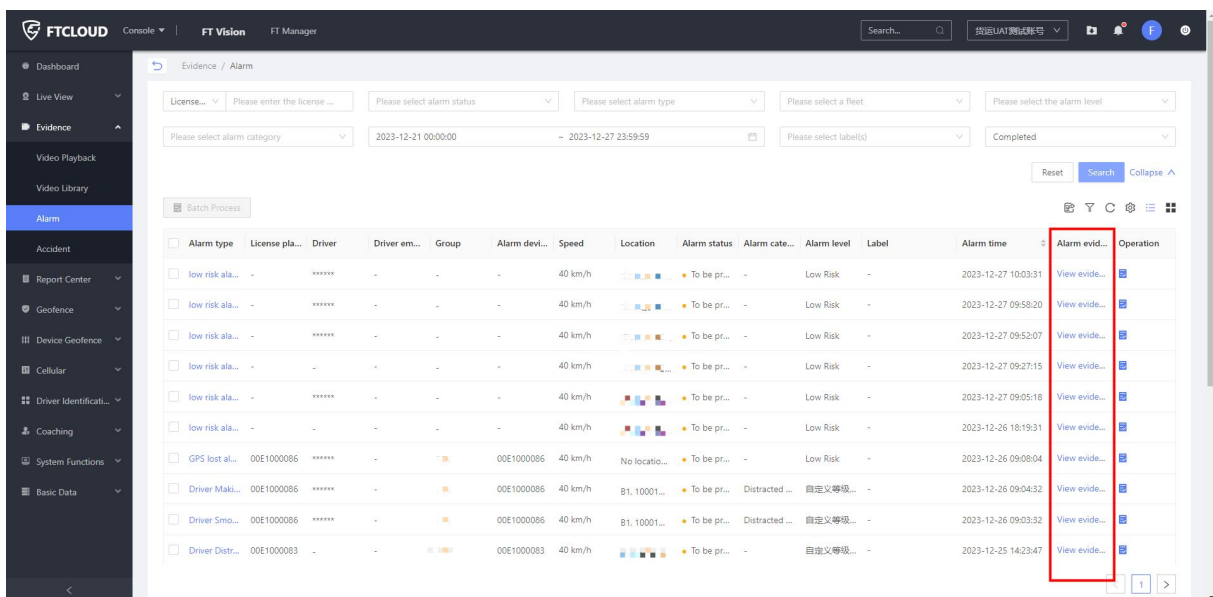
Click the video name to enter the alarm details page to view the alarm information details, you can also process the alarm, jump to the Video Playback page to view the video details, and bind the alarm to the driver on this page. (For details of the rest of the functions, please refer to section 3.2.2 Video Library.)

## 2) Upload Video



If no alarm upload policy is made for the current alarm, it may result in no video or capture for that alarm, and the alarm details are displayed as shown in the above picture; For alarms where no evidence of the alarm type has been uploaded, you can directly "click to upload evidence" or click on the "Remote Playback" icon button in the top right corner to jump to the device playback page to add a new display of alarm information.

## 3) Alarm Evidence Status

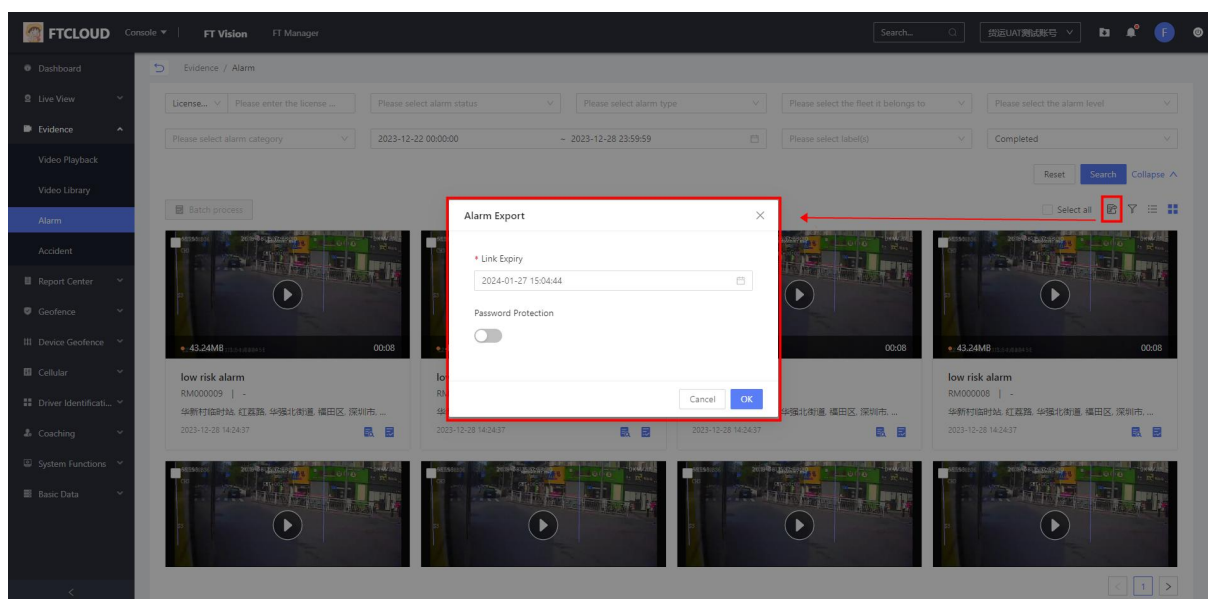


You can judge whether there is video or capture of the current alarm according to the fields in the alarm evidence column: '-' for no alarm video or capture; 'View evidence' for downloaded video. You can click to enter the alarm evidence details page; if the video is being

downloaded, 'downloading' will be displayed, and if the downloading has failed, 'download failed' will be displayed.

You can click "View evidence" to enter the evidence details page. The alarm evidence details page is similar to the alarm details page, and the only difference is that after setting the alarm upload policy in FT Manager, the alarm video or capture will be defined as alarm evidence.

#### 4) Alarm evidence export

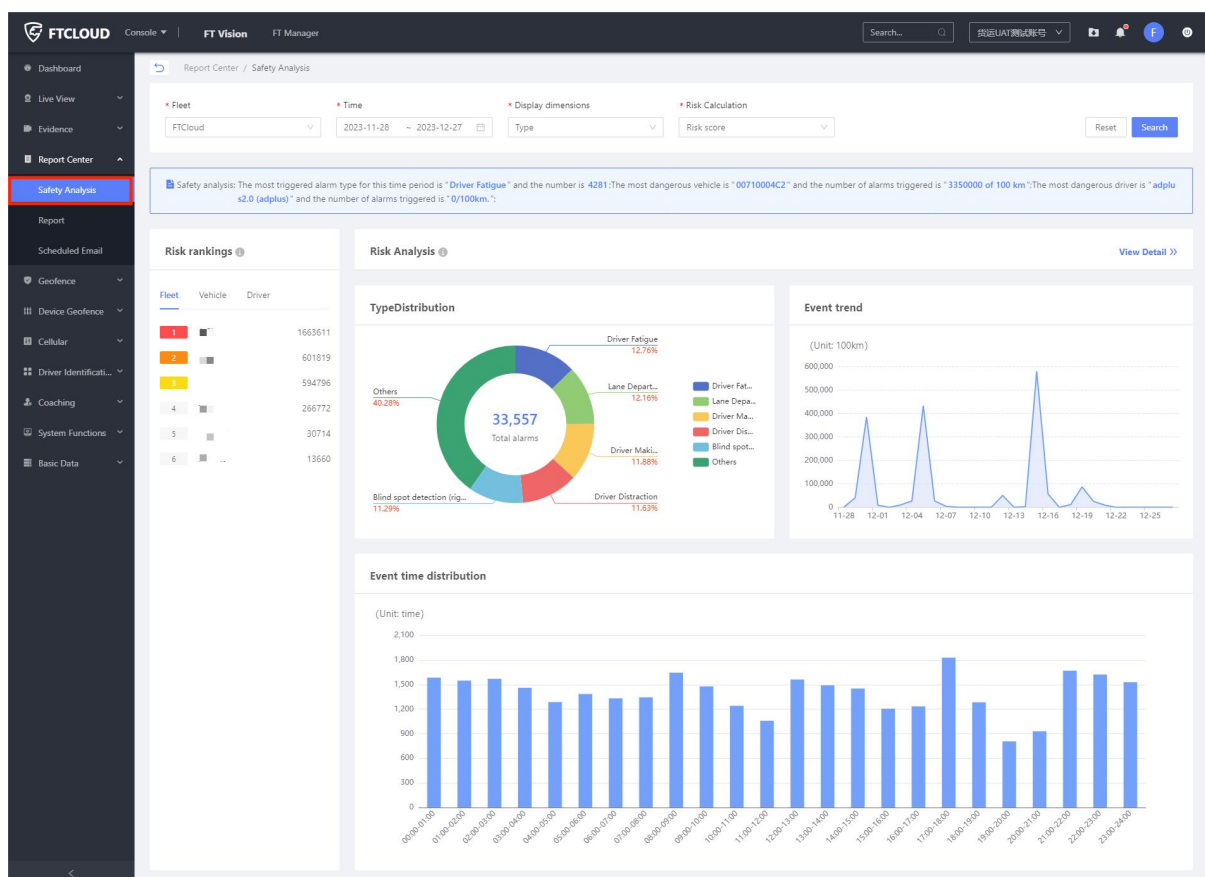


Click "Export" button to set the validity period of the links in the alarm list file and the password protection of the file, you can go to FT Manager-Task Center-Sharing Records to check the export record and the password of the file.

## 4. Report Center

### 4.1. Safety Analysis

#### 4.1.1. General Information

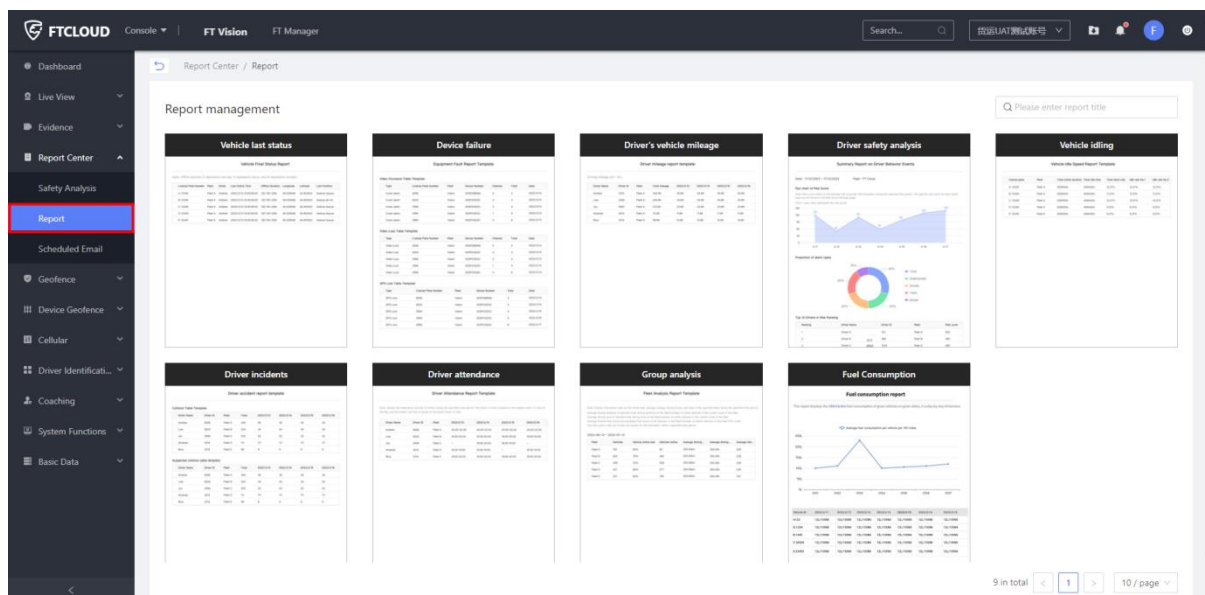


Safety analysis is a very important module of FT vision for safe operations. You can understand the safe operation of each fleet and vehicle by previewing the alarm statistics. The safe operation statistics are divided into the following categories: ranking of the number of vehicle alarms, distribution of alarm types, distribution of alarm classifications, distribution of alarm levels, trends in the number of alarms (daily), and distribution of the number of alarms (hourly). After selecting the fleet and time range, click "View Detail" to jump to the Alarm page and filter the alarm list according to the selected conditions.

Note: Click on a Risk rankings fleet of vehicles is linked to three modules: Alarm type distribution, Event trend, and Event time distribution.

## 4.2. Report

### 4.2.1. General Information

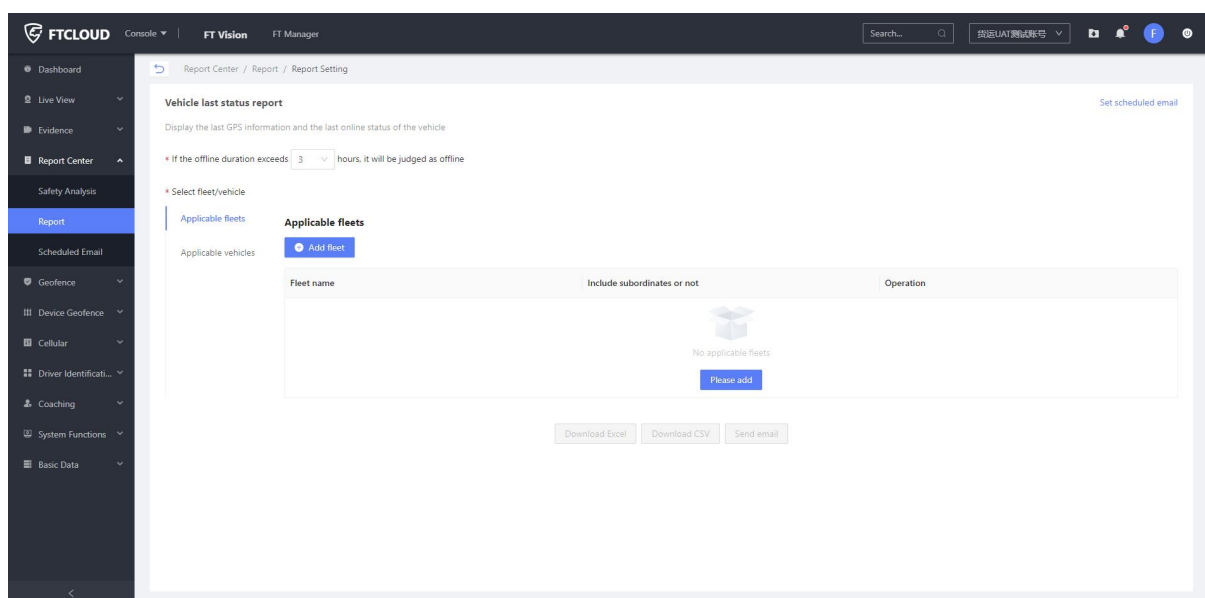


The Report can organize the data into reports to provide users with a total of the following nine report types:

- ① Vehicle last status Report: displays the last GPS information and last online information of the vehicle;
- ② Device failure Report: displays equipment-related failure information, such as video blocking, video loss and GPS loss;
- ③ Driver's vehicle mileage Report: displays the total mileage driven by the driver and the daily mileage;
- ④ Driver safety analysis Report: displays driver-related risk trends, alarm type percentage, and risk score ranking;
- ⑤ Vehicle idling Report: displays the length of the vehicle's idle time as well as the idle rate;
- ⑥ Driver incidents Report: displays information on collisions and suspected collisions encountered by drivers, including the total number of collisions and the number of collisions per day;
- ⑦ Driver attendance Report: displays the earliest and latest punching time of the driver every day;
- ⑧ Group analysis Report: displays the on-line situation and driving information of the vehicles in the group;
- ⑨ Fuel Consumption Report: shows the trend of average fuel consumption and the amount of fuel consumed by vehicles.

## 4.2.2. Function details

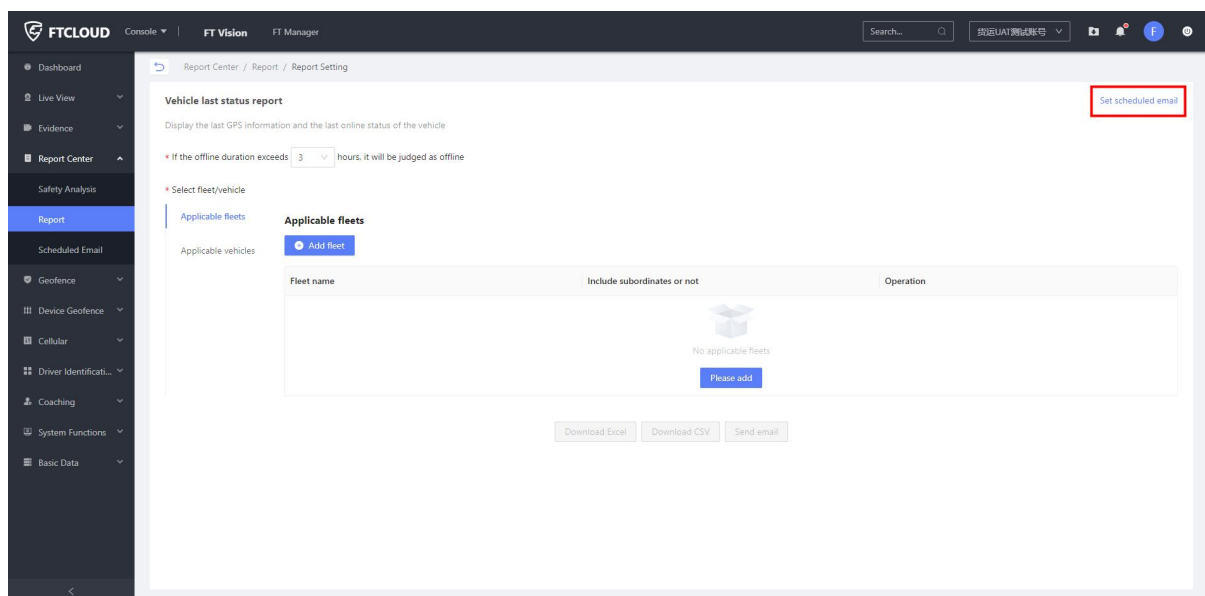
### 1) Report Setting



The setup process for the nine reports is roughly the same, and the report setup process is divided into the following steps:

- 1) Select a report: Click on the target report to see a preview of the report template, and click "Enter" to enter the Report setting page;
- 2) Set conditions:
  - ① Vehicle last status Report needs to be set is the offline duration. The default offline time is 3 hours, and this value is used as a criterion to judge the offline rules.
  - ② Driver safety analysis Report needs to select the type of alarm and time range. Click "Edit" to display the alarm type pop-up window, select the alarm type that needs to be displayed in the report.
  - ③ Driver incidents Report needs to select the time range and the status of the incident .
  - ④ Group analysis Report needs to select the time range and sorting method. The report data will be sorted in descending order of the selected sorting method after selecting the sorting method.
  - ⑤ The remaining five reports require only the time range to be set.
- 3) Add Fleet/Vehicle: Check the fleet/vehicle data to be used in the report;
- 4) Download file: Download file here will support different file formats according to the report type, subject to the specific report page.

## 2) Scheduled email

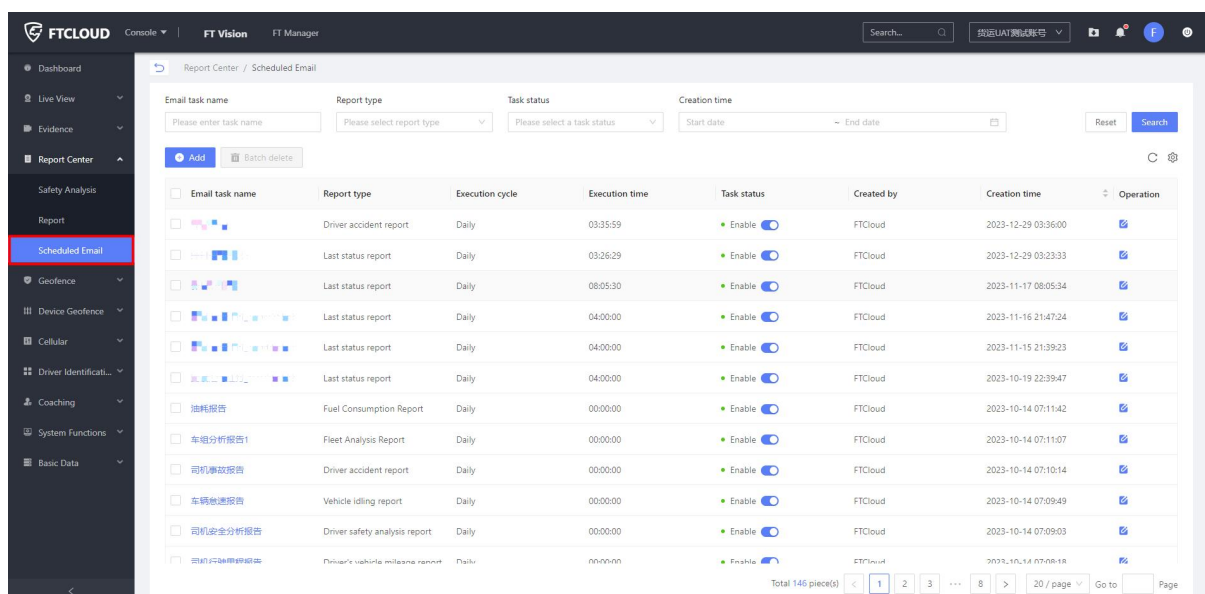


Users can click "Set scheduled email" on the Report Setting page to access the task configuration page. For task configuration details, please refer to section 4.3 "Scheduled Email" t.

Note: From here, you can enter the Scheduled Email Task page, the report type is defaulted to the report type that the user clicked to enter, and cannot be changed.

## 4.3. Scheduled Email

### 4.3.1. General Information



Scheduled email can periodically send reports to users at regular intervals.

### 4.3.2. Function details

The screenshot shows the 'Add Scheduled Email Task' configuration page in the FTCLLOUD interface. The page is divided into two main sections: 'Email task configuration' (step 1) and 'Scope of application' (step 2). The 'Email task configuration' section includes: 'Task information' with fields for 'Email task name', 'Select report type', and 'Select file format for sending' (PDF, Excel, CSV); 'Email settings' with fields for 'Email subject' and 'Email address'; and 'Task period' with radio buttons for 'Daily', 'Weekly', and 'Monthly', and an 'Execution time' field. A 'Save and next' button is visible at the bottom.

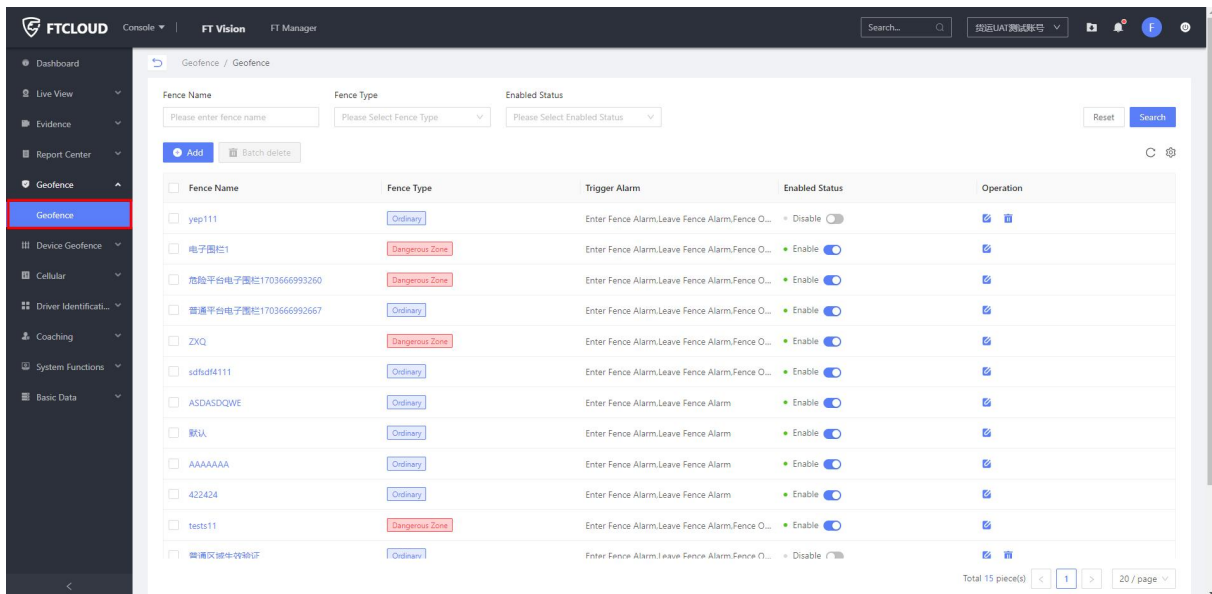
Click the "Add" button to enter the Add Scheduled Email Task Setting page.

- ① After completing the task information, mail settings and task period, click Save and Next to enter the scope of application configuration;
- ② Select the required vehicle/group. The selection of fleet and vehicle is consistent with the logic of the authorization;
- ③ Finally, click "Submit" to complete the new task, and then enter the Timed Email Task Details page.

## 5. Geofence

### 5.1. Geofence

#### 5.1.1. General Information



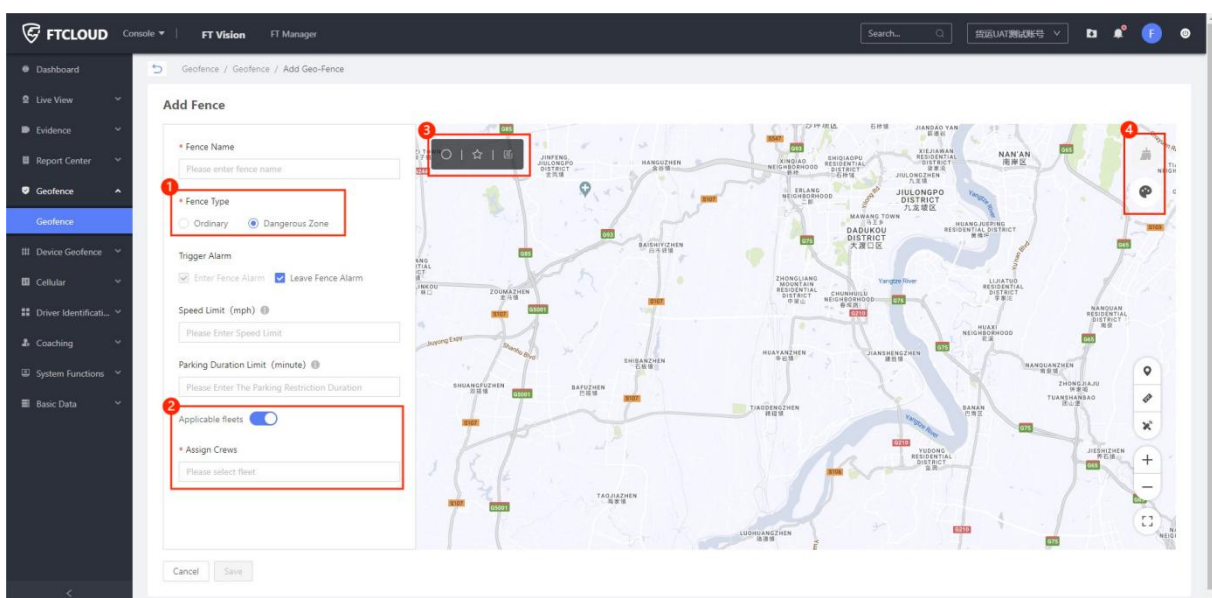
The screenshot shows the 'Geofence / Geofence' management page in the FTCLLOUD system. It features a search bar at the top with filters for 'Fence Name', 'Fence Type', and 'Enabled Status'. Below the search bar are 'Add' and 'Batch delete' buttons. The main content is a table listing various geofences with columns for 'Fence Name', 'Fence Type', 'Trigger Alarm', 'Enabled Status', and 'Operation'.

Fence Name	Fence Type	Trigger Alarm	Enabled Status	Operation
yep111	Ordinary	Enter Fence Alarm,Leave Fence Alarm,Fence O...	Disable	[Edit] [Delete]
电子围栏1	Dangerous Zone	Enter Fence Alarm,Leave Fence Alarm,Fence O...	Enable	[Edit]
危险平台电子围栏1703666993260	Dangerous Zone	Enter Fence Alarm,Leave Fence Alarm,Fence O...	Enable	[Edit]
普通平台电子围栏1703666993267	Ordinary	Enter Fence Alarm,Leave Fence Alarm,Fence O...	Enable	[Edit]
ZXQ	Dangerous Zone	Enter Fence Alarm,Leave Fence Alarm,Fence O...	Enable	[Edit]
sdfsdf41111	Ordinary	Enter Fence Alarm,Leave Fence Alarm,Fence O...	Enable	[Edit]
ASDASDQWE	Ordinary	Enter Fence Alarm,Leave Fence Alarm	Enable	[Edit]
默认	Ordinary	Enter Fence Alarm,Leave Fence Alarm	Enable	[Edit]
AAAAAAA	Ordinary	Enter Fence Alarm,Leave Fence Alarm	Enable	[Edit]
422424	Ordinary	Enter Fence Alarm,Leave Fence Alarm	Enable	[Edit]
tests11	Dangerous Zone	Enter Fence Alarm,Leave Fence Alarm,Fence O...	Enable	[Edit]
警情反馈车辆验证	Ordinary	Enter Fence Alarm,Leave Fence Alarm,Fence O...	Disable	[Edit] [Delete]

At the bottom right of the table, it indicates 'Total 15 piece(s)' and shows pagination controls for '1 / 20 / page'.

Users can draw special zones at the Geofence, which will generate an alarm notification to the platform when a vehicle enters or leaves the zone.

#### 5.1.2. Function details



The screenshot shows the 'Add Geo-Fence' configuration page in the FTCLLOUD system. It includes a map on the right and a configuration form on the left. The form has several sections:

- Fence Name:** A text input field with a red box around it labeled '1'.
- Fence Type:** Radio buttons for 'Ordinary' and 'Dangerous Zone', with 'Dangerous Zone' selected. A red box around it is labeled '2'.
- Trigger Alarm:** Checkboxes for 'Enter Fence Alarm' and 'Leave Fence Alarm', both checked.
- Speed Limit (mph):** A text input field with a red box around it labeled '3'.
- Parking Duration Limit (minute):** A text input field with a red box around it labeled '4'.
- Applicable fleets:** A toggle switch and a text input field for selecting fleets, with a red box around it labeled '5'.
- Assign Crews:** A text input field for selecting crews.

At the bottom of the form are 'Cancel' and 'Save' buttons. The map on the right shows a city street grid with a red circle indicating a geofence location.

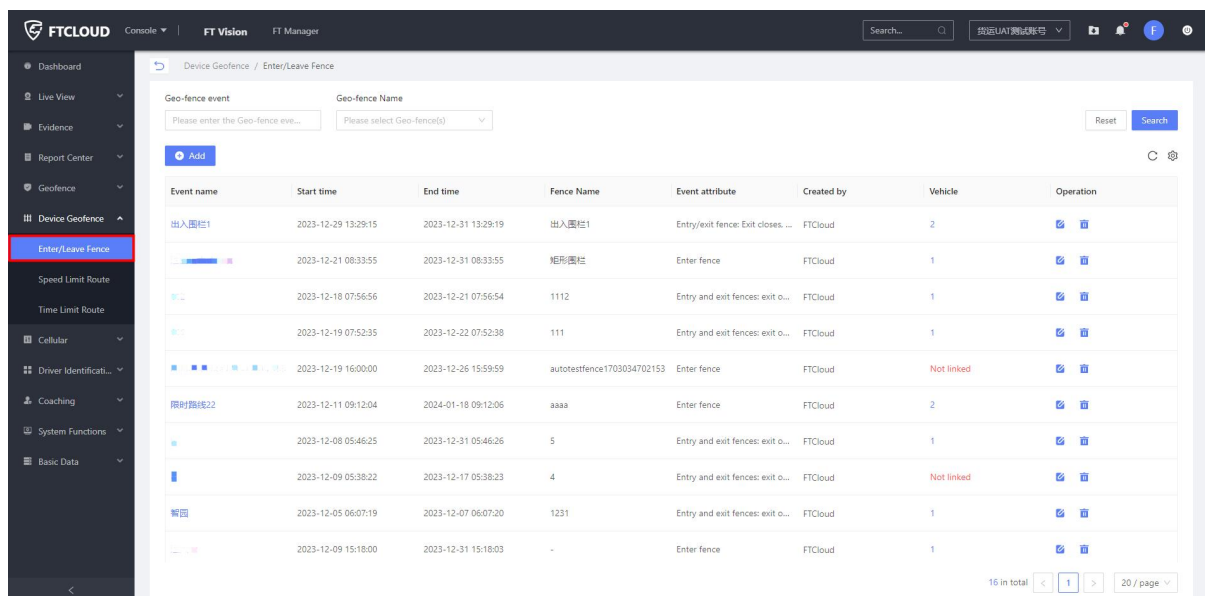
Click "Add" to enter the Add Geo Fence page.

- ① The fence is divided into two types: "Normal" and "Dangerous Zone", select "Dangerous Zone" to set the restriction of parking hours within the fence;
- ② Open the fleet switch to set the fleet to which the fence applies;
- ③ In the drawing page, it supports manual drawing and importing latitude and longitude;
- ④ You can set the color of the fence, and you can click "Clear" button on the right side to clear the drawing error, and click "Save" to save the drawing when you finish the drawing.

## 6. Device Geofence

### 6.1. Enter/Leave Fence

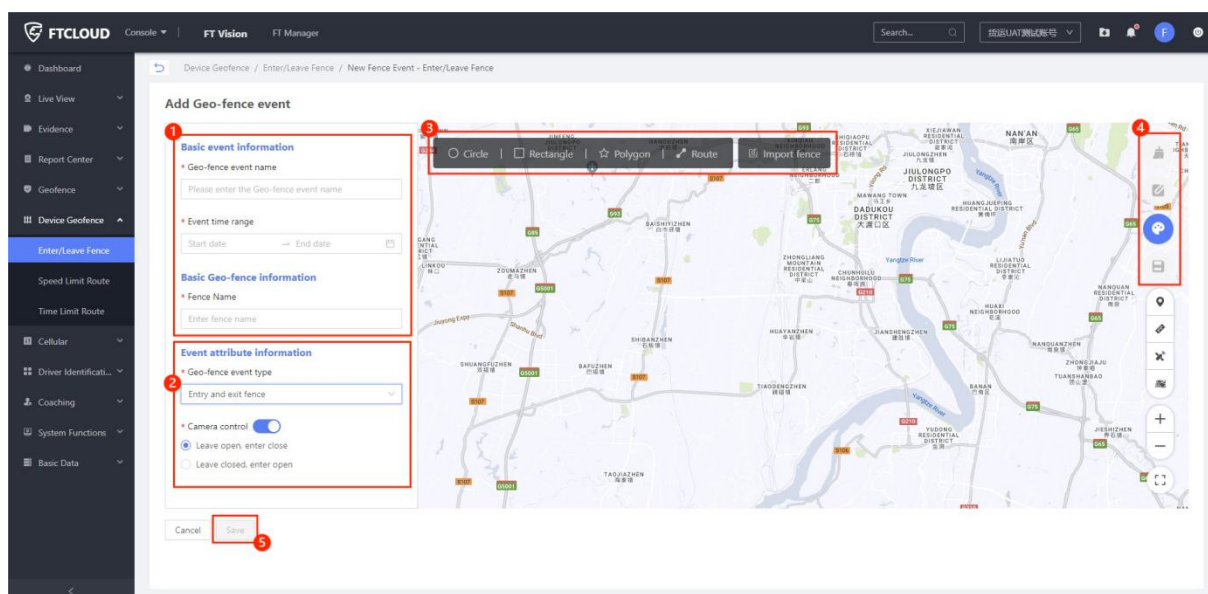
#### 6.1.1. General Information



Event name	Start time	End time	Fence Name	Event attribute	Created by	Vehicle	Operation
出入围栏1	2023-12-29 13:29:15	2023-12-31 13:29:19	出入围栏1	Entry/exit fence: Exit closes...	FTCloud	2	<a href="#">Edit</a> <a href="#">Delete</a>
矩形围栏	2023-12-21 08:33:55	2023-12-31 08:33:55	矩形围栏	Enter fence	FTCloud	1	<a href="#">Edit</a> <a href="#">Delete</a>
1112	2023-12-18 07:56:56	2023-12-21 07:56:54	1112	Entry and exit fences: exit o...	FTCloud	1	<a href="#">Edit</a> <a href="#">Delete</a>
111	2023-12-19 07:52:35	2023-12-22 07:52:38	111	Entry and exit fences: exit o...	FTCloud	1	<a href="#">Edit</a> <a href="#">Delete</a>
autotestfence1703034702153	2023-12-19 16:00:00	2023-12-26 15:59:59	autotestfence1703034702153	Enter fence	FTCloud	Not linked	<a href="#">Edit</a> <a href="#">Delete</a>
限时路线22	2023-12-11 09:12:04	2024-01-18 09:12:06	aaaa	Enter fence	FTCloud	2	<a href="#">Edit</a> <a href="#">Delete</a>
5	2023-12-08 05:46:25	2023-12-31 05:46:26	5	Entry and exit fences: exit o...	FTCloud	1	<a href="#">Edit</a> <a href="#">Delete</a>
4	2023-12-09 05:38:22	2023-12-17 05:38:23	4	Entry and exit fences: exit o...	FTCloud	Not linked	<a href="#">Edit</a> <a href="#">Delete</a>
1231	2023-12-05 06:07:19	2023-12-07 06:07:20	1231	Entry and exit fences: exit o...	FTCloud	1	<a href="#">Edit</a> <a href="#">Delete</a>
Enter fence	2023-12-09 15:18:00	2023-12-31 15:18:03	-	Enter fence	FTCloud	1	<a href="#">Edit</a> <a href="#">Delete</a>

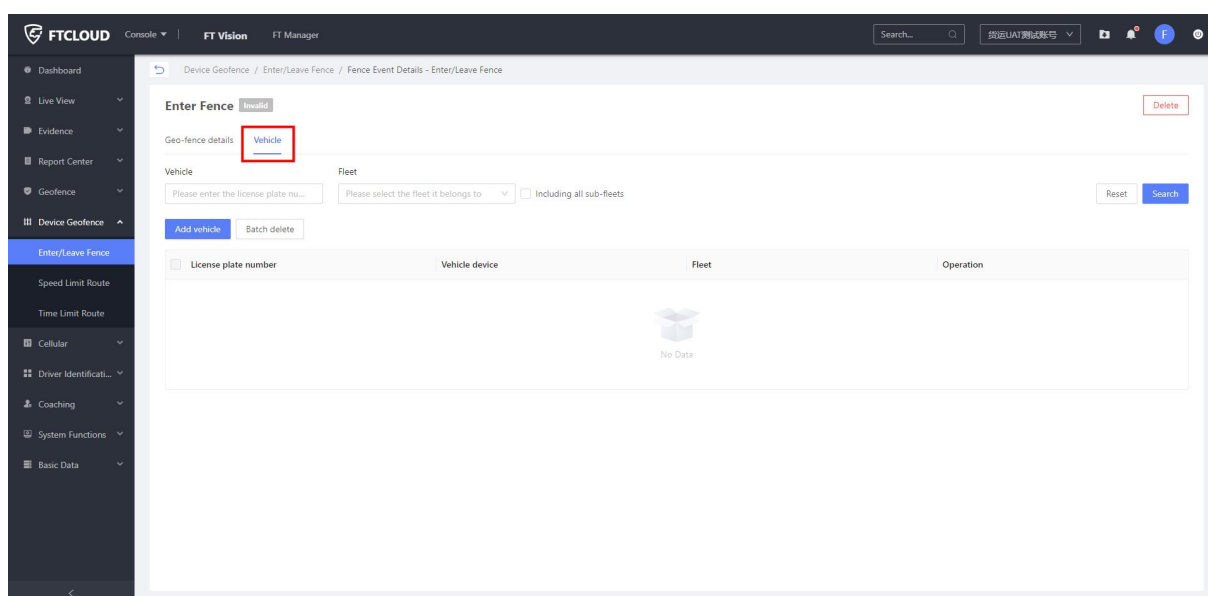
An Entry/Leave fence is usually an area that generates a fence alarm when entering or exiting the area and you can set the camera to turn off when entering or exiting the fence.

## 6.1.2. Function details



Click "Add" to enter the screen of drawing fences.

- ① Set the related information;
- ② In "Event attribute information", select "Entry and exit fence" to set the camera on/off condition;
- ③ Display the drawing page, support manual drawing and importing latitude and longitude;
- ④ Support to set the color of the fence, you can click "Clear" button on the right side to clear the drawing error, and click "Save" to save the drawing when it is finished;
- ⑤ Click "Save" to enter the saved electronic fence details.



Switch to the Vehicle Tab page to authorize the applicable vehicle, You can view the fence

distribution tasks on the FT Manager-Task Center-Gen fence distribution page.

## 6.2. Speed Limit Route

### 6.2.1. General Information

Speed limit route is designed to limit the speed of a vehicle on a particular route, and if the set speed threshold is exceeded it will generate an "In Fence Speed Alarm".

### 6.2.2. Function details

Please refer to section 6.1.2 "Access Fencing" for more details on the functionality.

## 6.3. Time Limit Route

### 6.3.1. General Information

Time limit route are designed to limit the number of hours a vehicle can travel on a particular route, and also generate corresponding alarms if it is not within the set range.

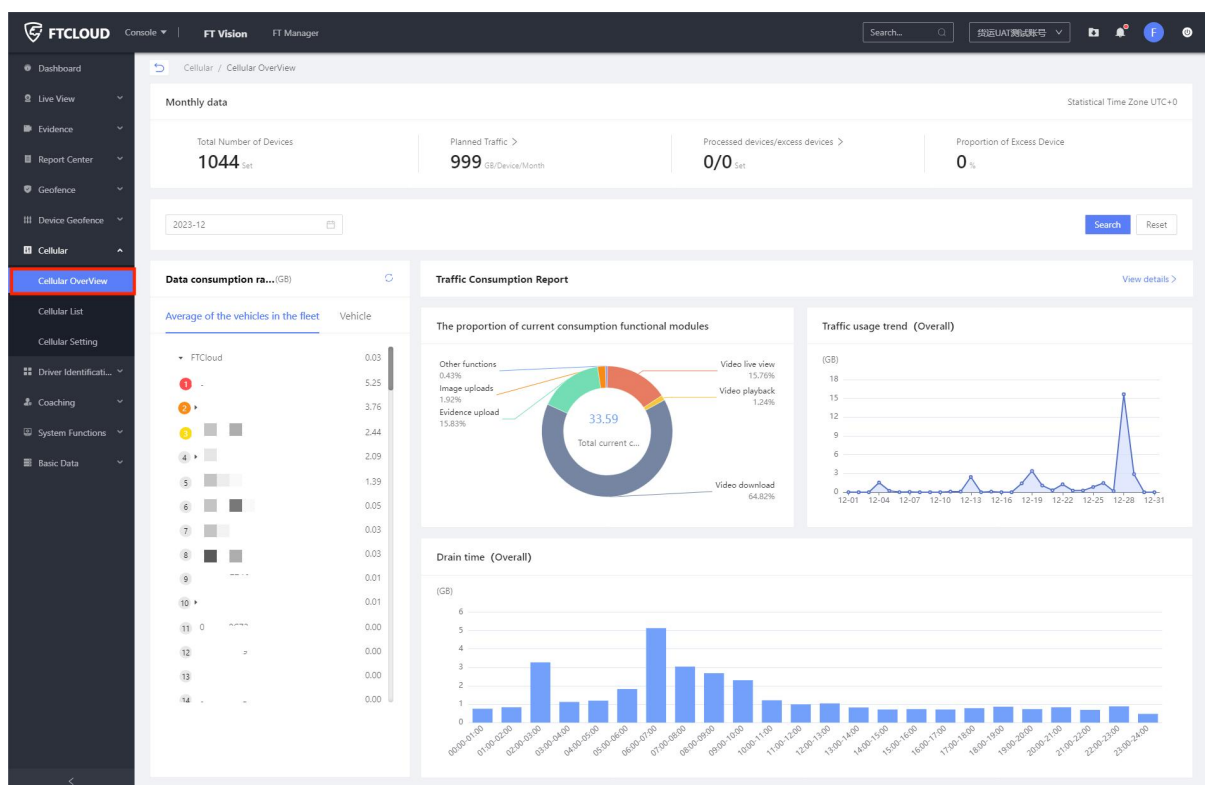
### 6.3.2. Function details

Please refer to section 6.1.2 "Access Fencing" for more details on the functionality.

## 7. Cellular

### 7.1. Cellular Overview

#### 7.1.1. General Information

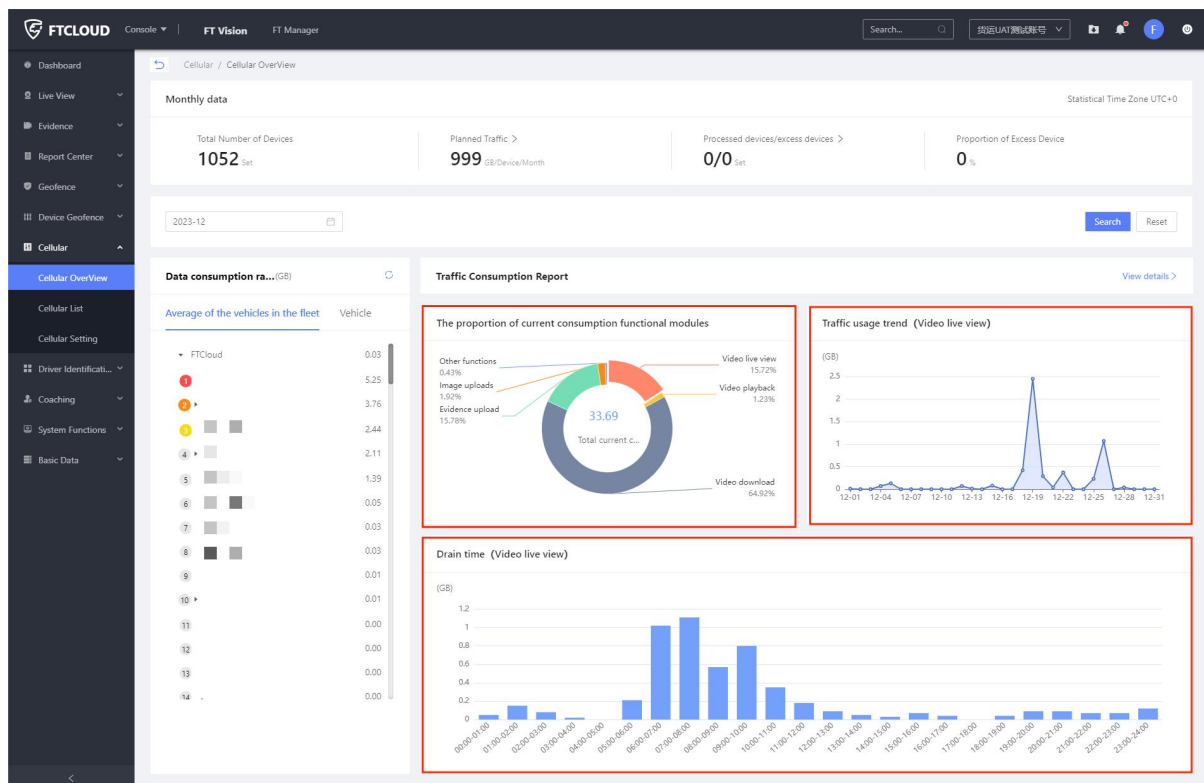


Cellular overview is a module that provides statistical analysis of the traffic of SIM cards used in vehicles. This module can be used to quickly identify the trend and distribution of fleet traffic usage, which helps to quickly identify abnormal traffic devices and control them reasonably.

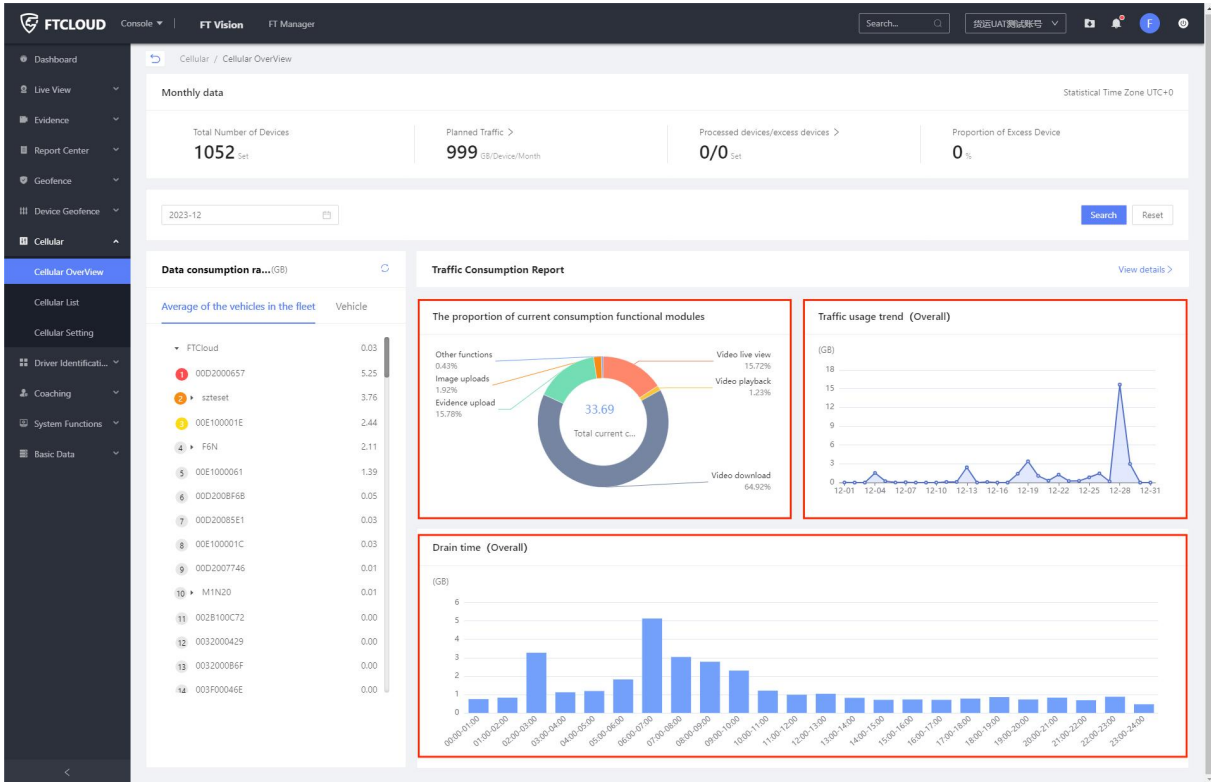
Note: Click "Planned Traffic" or "Processed devices/excess devices" to jump to the corresponding management page.

## 7.1.2. Function details

### 1) Linkage display



You can click to select the type of traffic usage you want to know. The current type will be highlighted, and the traffic usage trend diagram and the traffic usage time period distribution diagram will be linked to change.



Clicking on the highlighted traffic type again restores the default display, and all the data will be displayed.

## 7.2. Cellular List

### 7.2.1. General Information

**Cellular / Cellular List**

Month: 2023-12

License plate number: Please enter the license plate ...

Traffic Status: Please select traffic status

Processing status: Please select the processing ...

12 The device with the most monthly traffic usage is 17.91 GB. Average Traffic Usage 0.44 GB. Traffic usage exceeded by 4 devices

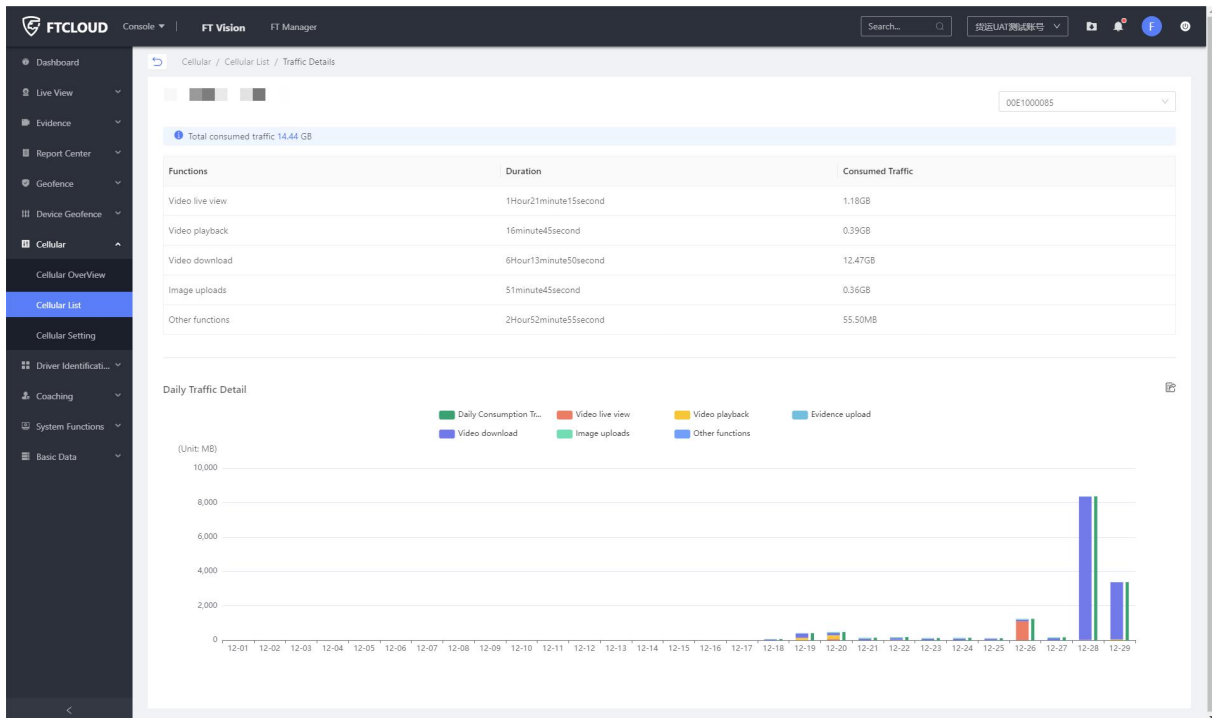
License plate num...	Device number	Fleet	Traffic Consum...	Traffic Status	Processing status	Functional Co...	Operated by	Operation time
003F00F1A5	003F00F1A5	GONTUJO DE TRAN...	7.91 GB / 2GB	Excess	Unprocessed	On	-	-
003F00F075	003F00F075	GONTUJO DE TRAN...	7.36 GB / 2GB	Excess	Unprocessed	On	-	-
003F00F1DC	003F00F1DC	GONTUJO DE TRAN...	6.66 GB / 2GB	Excess	Unprocessed	On	-	-
003F00E3F3	003F00E3F3	Nichele	3.03 GB / 2GB	Excess	Unprocessed	On	-	-
0099028818	0099028818	LENARGE TRANSP...	1.73 GB / 2GB	Normal	-	-	-	-
003F01987C	003F01987C	IRMAOS DALACOR...	1.20 GB / 2GB	Normal	-	-	-	-
003F019D03	003F019D03	IRMAOS DALACOR...	0.82 GB / 2GB	Normal	-	-	-	-
003F01968D	003F01968D	CARVALIMA TRAN...	0.35 GB / 2GB	Normal	-	-	-	-
003F016E36	003F016E36	ADPLUS TESTE	0.30 GB / 2GB	Normal	-	-	-	-

Total 9 piece(s) | 1 / 20 page

The traffic management module can help users understand the daily traffic usage of each

vehicle in each fleet.

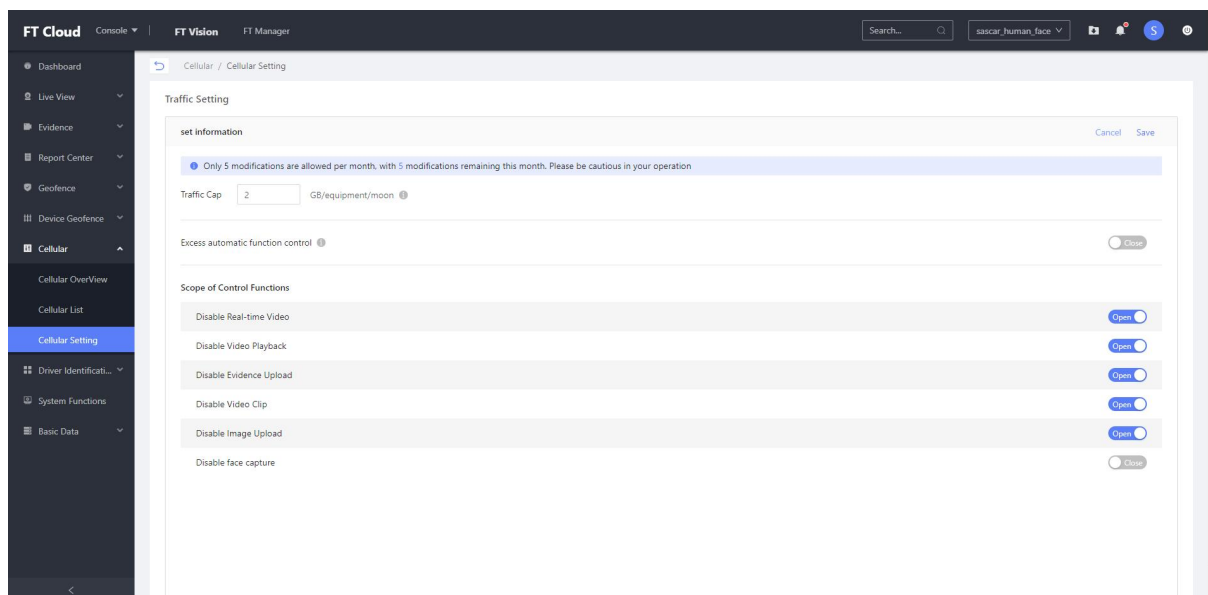
## 7.2.2. Function details



Click on the license plate number to jump to the specific traffic usage page of the vehicle, which includes a data report and a bar chart. The data report shows the usage hours and traffic consumption data of various functions; the bar chart shows the distribution of the daily traffic usage of the functions in the month.

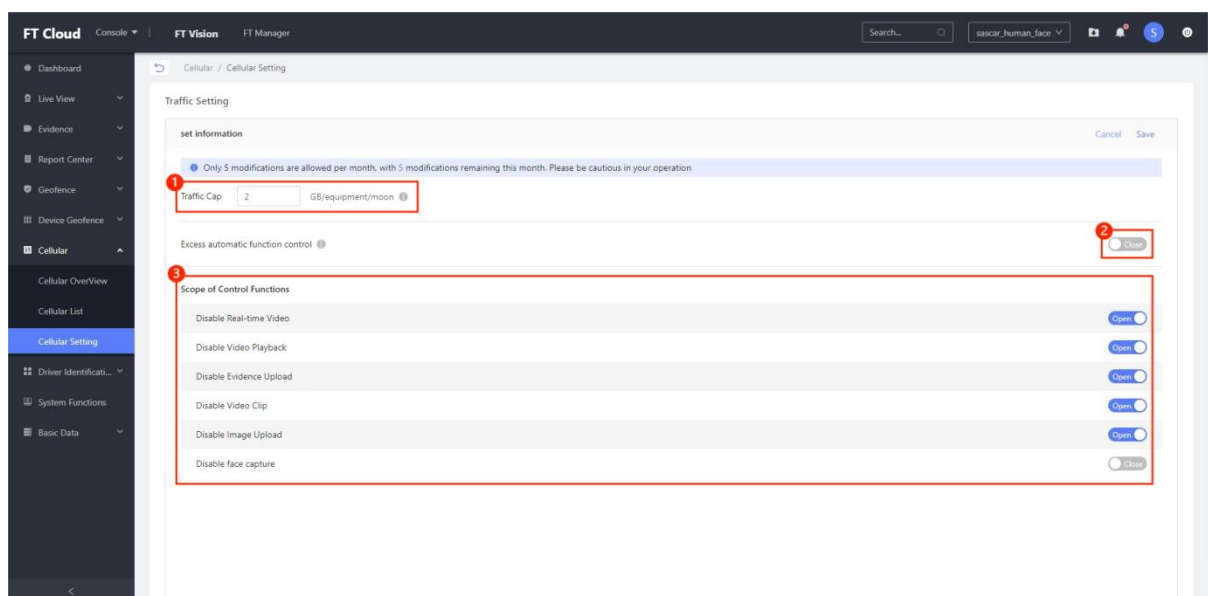
## 7.3. Cellular Setting

### 7.3.1. General Information



Cellular setting can control the cellular and disable the function after the cellular is exceeded.

### 7.3.2. Function details



① Traffic Cap: you can set the traffic limit, the maximum setting value is 999, the unit is GB per device per month.

Note: You can only revise 5 times per month.

② Excess automatic function control: the function can be enabled and disabled by the right

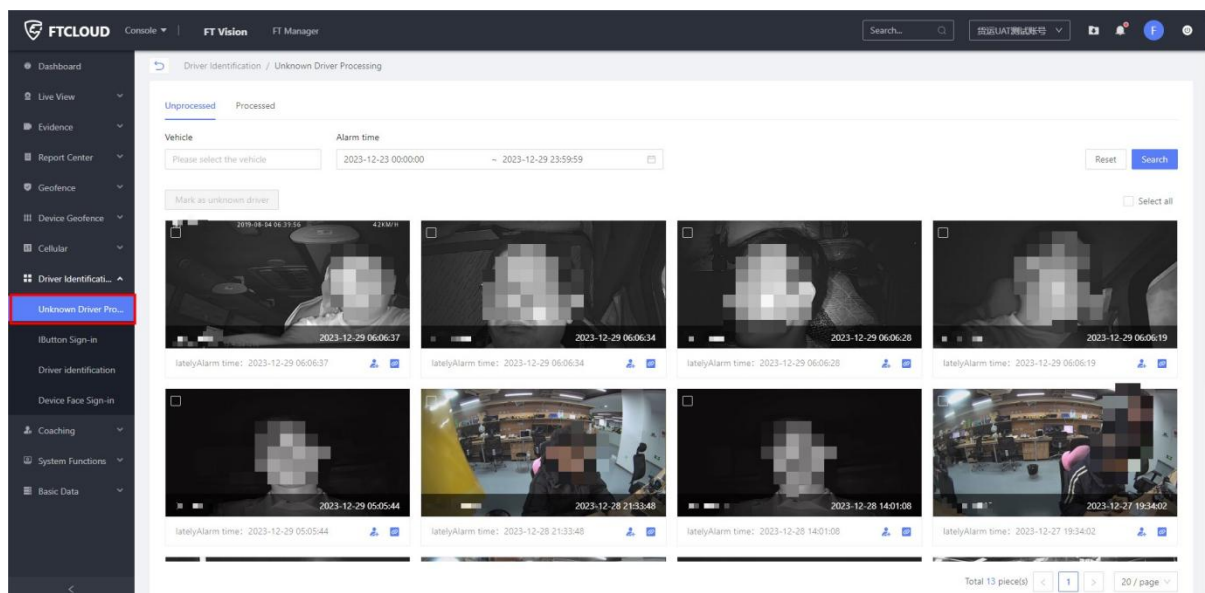
switch button;

③ Scope of Control Functions:When the excess automatic function control function is enabled, the function that needs to be disabled can be specified and set by the right switch button.

## 8. Driver Identification

### 8.1. Unknown Driver Processing

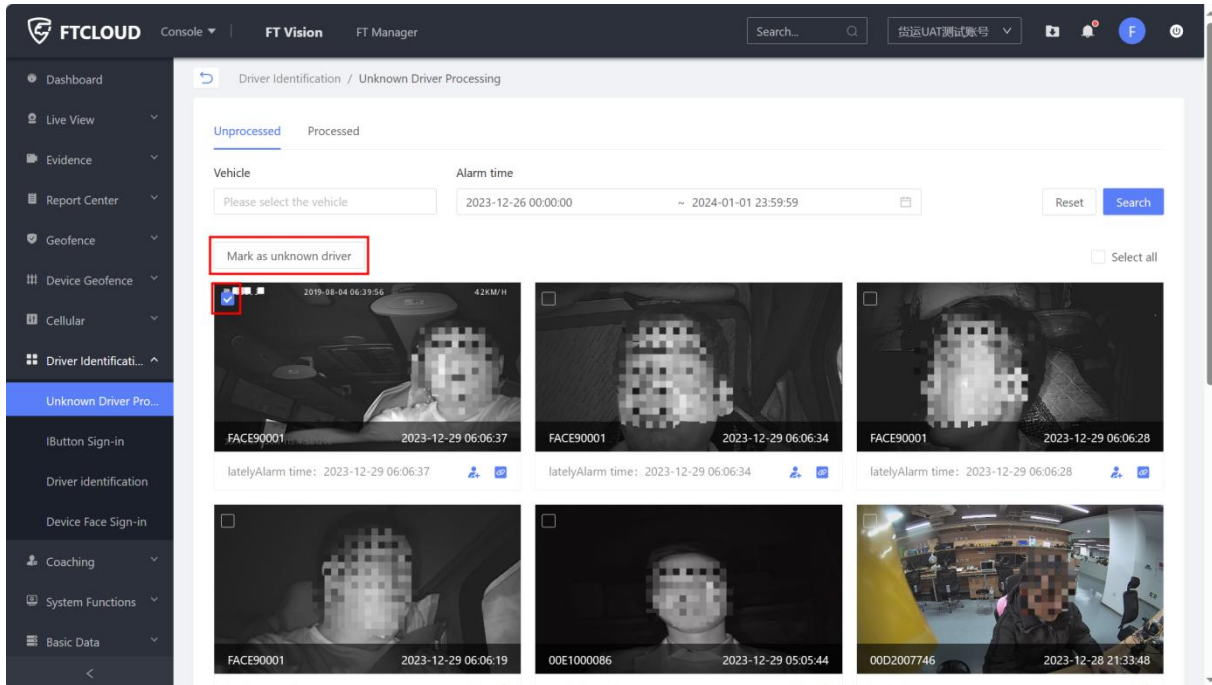
#### 8.1.1. General Information



Unknown Driver Processing is used to store unrecognized driver photos captured by the device, and users can process unknown drivers. Unknown driver processing is divided into unprocessed and processed subpages, click the tab to switch.

## 8.1.2. Function details

### 1) Mark as unknown driver



Check the box on the top left of the driver card, you can mark single or multiple unknown drivers as unknown drivers. After clicking the button, a confirmation pop-up window will appear and prompt you to go to the Alarm page to deal with the unknown driver alarm.

## 2) Unknown Driver Card Details

The screenshot shows the 'Unknown Driver' section in the FTCLLOUD interface. The page title is 'Unknown driver'. There are three buttons at the top: 'Register new driver', 'Link to the driver', and 'Mark as unknown driver'. A 'Next driver' button is on the right. Below the buttons is a grid of six driver identification photos. Each photo shows a driver's face with a bounding box and a 'FACE90001' label. The 'Alarm time' for each photo is '2023-12-29 06:06:37'. At the bottom right, there is a pagination control showing 'Total 33 piece(s)', '1' selected, '20 / page', and 'Go to Page'.

Click on the unknown driver card to enter the details of the card, which shows all the captured photos of the car number and the relevant operation buttons. Click the "Matching error" button to remove the wrong captured photo.

### 3) Register new driver

The screenshot shows the 'Register New Driver' interface in the FTCLLOUD system. The breadcrumb path is 'Driver Identification / Unknown Driver Processing / Register New Driver'. The form is titled 'Driver information' and is divided into three main sections:

- Basic information:** This section contains five input fields:
  - Driver name:** A text input field with the placeholder 'Please enter the driver's name'.
  - Driver employee ID:** A text input field with the placeholder 'Please enter the driver's employee ID'.
  - Status:** A dropdown menu with the placeholder 'Please select status'.
  - Fleet:** A dropdown menu with the placeholder 'Please select a fleet'.
  - Associated vehicle:** A dropdown menu with the placeholder 'Please select the associated vehicle' and a blue '+' button to the right.
- Notes:** A text area with the placeholder 'No more than 500 words' and a character count '0 / 500' at the bottom right.
- Driver photo:** A row of five photo thumbnails, each showing a driver's face. Each thumbnail has a green checkmark in the top right corner, indicating that the photos are valid.

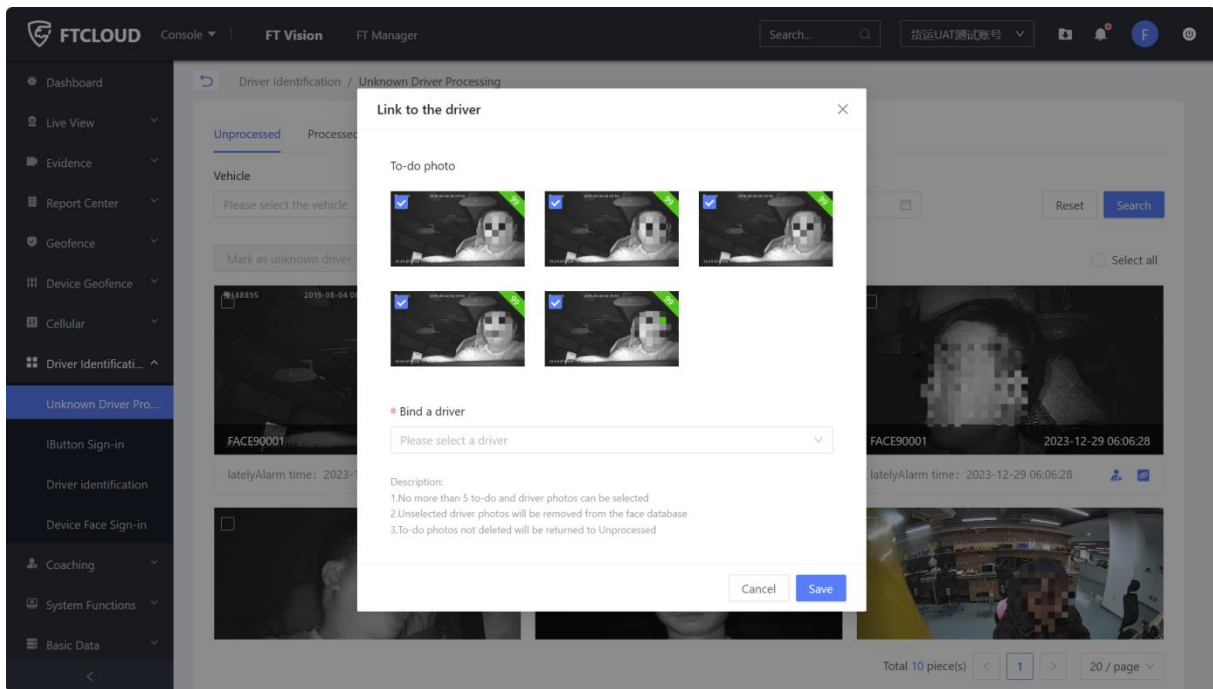
At the bottom of the form, there is a 'Description' section with the following requirements:

1. Extensions allowed: .jpg and .png; no more than 5
2. The size of the input picture has to be larger than 300x300, and re...
3. The face has to be completely displayed on the screen without tou...
4. Angle: front face, with a deflection angle not exceeding 15°
5. Brightness: even illumination

Below the description are two buttons: 'Cancel' and 'Save'.

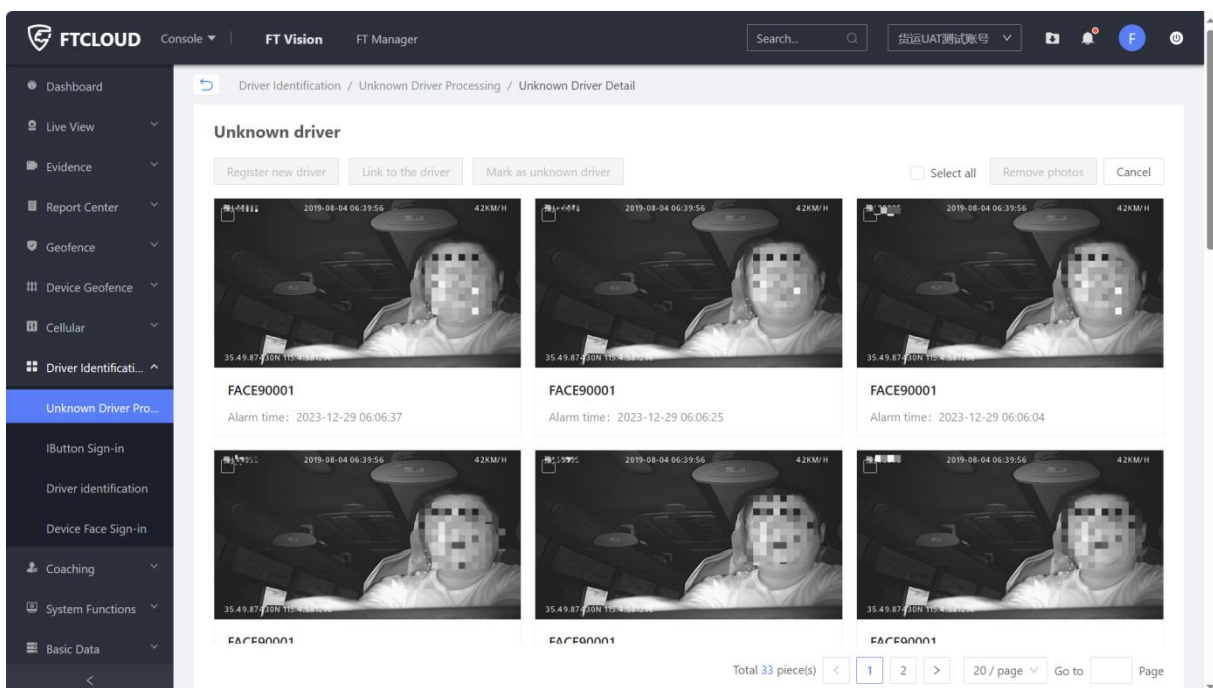
Click the "Register new driver" Button, you can jump to the registered driver page, you need to fill in the basic information, confirm the driver photo, click save to complete the new driver registration operation.

#### 4) Link to the driver



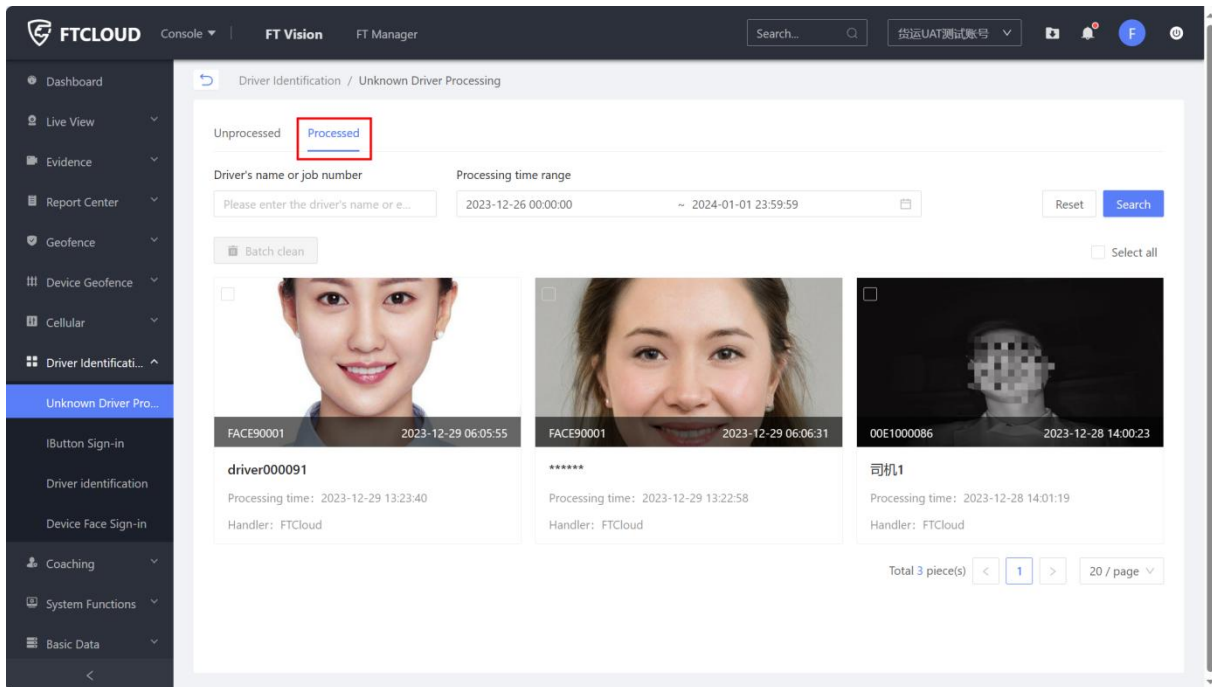
Click the "Link to the driver" Button, the binding pop-up window appears, the user can choose the photo that needs to be bound to the driver, enter the driver's name in the bind a driver box, and click Save to complete the link to the driver operation.

#### 5) Matching error



Click the "Matching error" Button, You can check the need to remove the wrong photos.

## 6) Processed Driver



The screenshot displays the FTCLLOUD web interface for driver identification. The top navigation bar includes 'FTCLLOUD', 'Console', 'FT Vision', and 'FT Manager'. A search bar and a user profile icon are also visible. The left sidebar contains various menu items, with 'Unknown Driver Processing' highlighted. The main content area is titled 'Driver Identification / Unknown Driver Processing' and features two tabs: 'Unprocessed' and 'Processed', with the latter selected and highlighted in red. Below the tabs, there are search filters for 'Driver's name or job number' and 'Processing time range'. The 'Processing time range' is set to '2023-12-26 00:00:00 ~ 2024-01-01 23:59:59'. A 'Batch clean' button and a 'Select all' checkbox are also present. The main area displays three driver cards, each with a photo, a face ID, a processing time, and a handler. The first two cards show clear photos of a woman, while the third shows a blurred photo. The cards are as follows:

Face ID	Processing Time	Handler
FACE90001	2023-12-29 06:05:55	FTCloud
driver000091	2023-12-29 13:23:40	FTCloud
FACE90001	2023-12-29 06:06:31	FTCloud
*****	2023-12-29 13:22:58	FTCloud
司机1	2023-12-28 14:01:19	FTCloud
00E1000086	2023-12-28 14:00:23	FTCloud

At the bottom right, there is a pagination control showing 'Total 3 piece(s)', a page number '1', and '20 / page'.

The processed drivers can be viewed on the Processed tab. Click on the driver's card to see all the captured photo to that driver.

## 8.2. IButton Sign-in

### 8.2.1. General Information

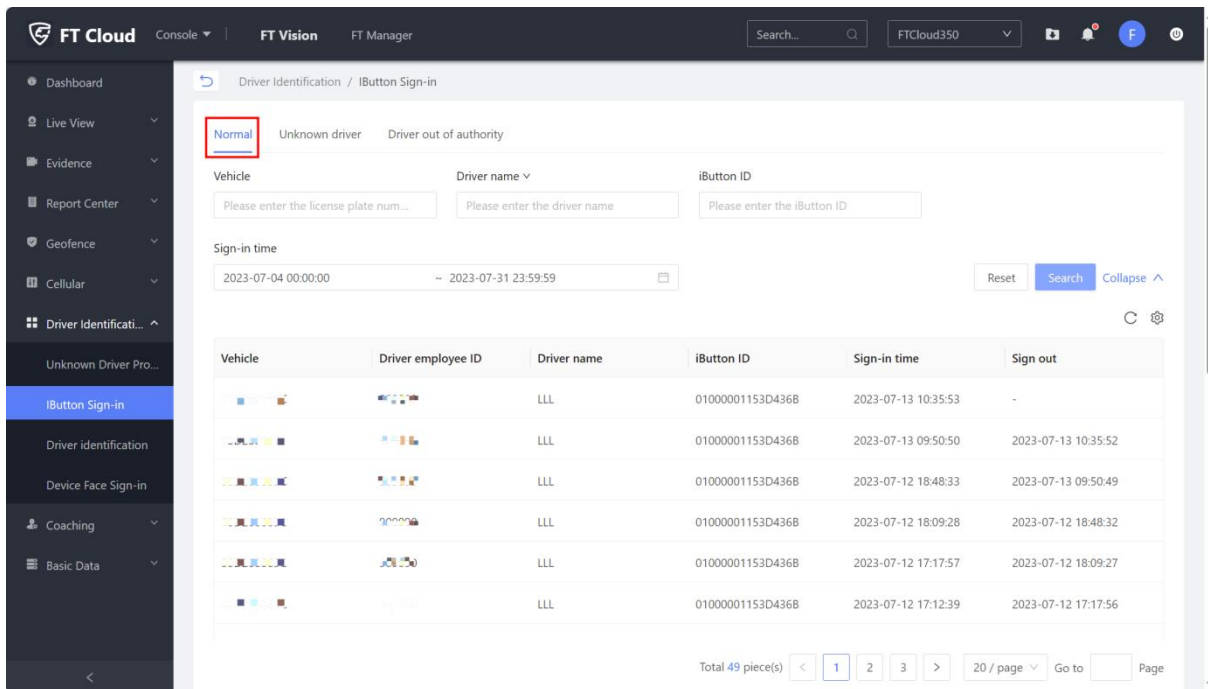
The screenshot displays the FT Cloud interface for the IButton Sign-in module. The top navigation bar includes 'FT Cloud', 'Console', 'FT Vision', and 'FT Manager'. A search bar and a dropdown menu for 'FTCloud350' are also visible. The left sidebar contains a menu with options like 'Dashboard', 'Live View', 'Evidence', 'Report Center', 'Geofence', 'Cellular', and 'Driver Identificati...'. The 'IButton Sign-in' option is highlighted in red. The main content area shows the 'Driver Identification / IButton Sign-in' page with tabs for 'Normal', 'Unknown driver', and 'Driver out of authority'. Below the tabs are input fields for 'Vehicle', 'Driver name', and 'iButton ID', and a 'Sign-in time' range selector. A table displays the search results with columns for Vehicle, Driver employee ID, Driver name, iButton ID, Sign-in time, and Sign out. The table shows six rows of data. At the bottom, there is a pagination control showing 'Total 49 piece(s)' and a page number of 1.

Vehicle	Driver employee ID	Driver name	iButton ID	Sign-in time	Sign out
		LLL	01000001153D436B	2023-07-13 10:35:53	-
		LLL	01000001153D436B	2023-07-13 09:50:50	2023-07-13 10:35:52
		LLL	01000001153D436B	2023-07-12 18:48:33	2023-07-13 09:50:49
		LLL	01000001153D436B	2023-07-12 18:09:28	2023-07-12 18:48:32
		LLL	01000001153D436B	2023-07-12 17:17:57	2023-07-12 18:09:27
		LLL	01000001153D436B	2023-07-12 17:12:39	2023-07-12 17:17:56

IButton Sign-in module provides IButton Sign-in, Sign-out record query and exception record processing operations.

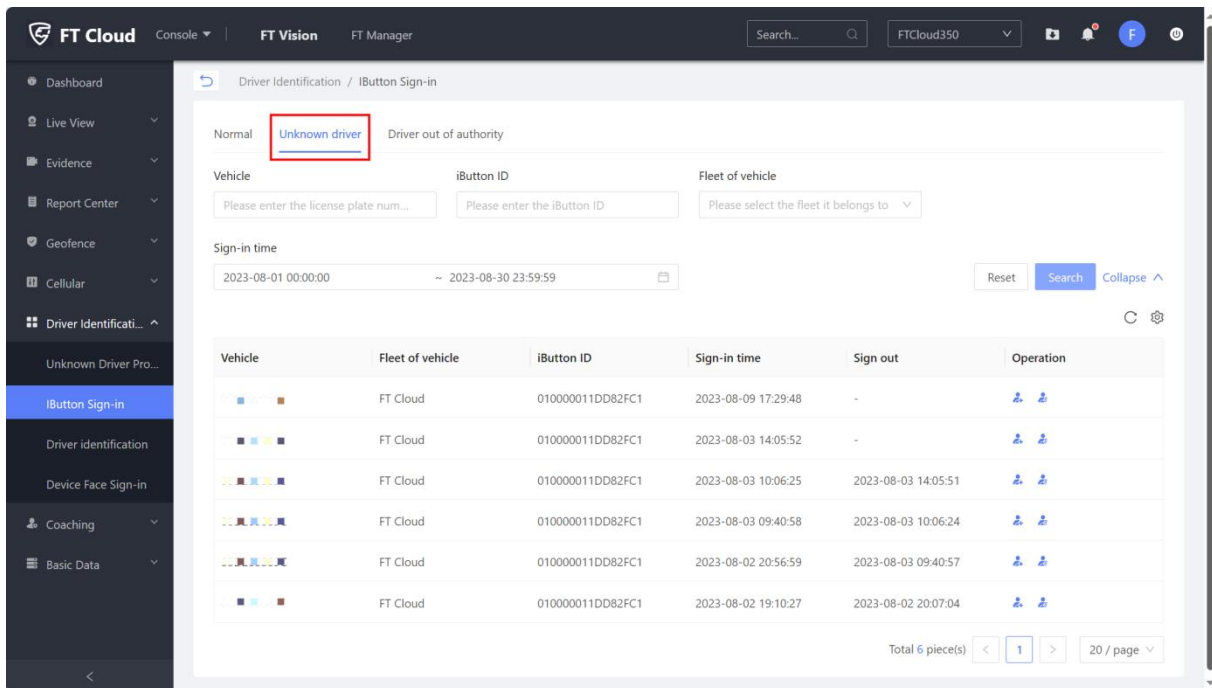
## 8.2.2. Function details

### 1) Normal



The IButton ID recognition of the normal record will be displayed under the "Normal" tab, you can see the specific driver card inserted and removed the specific time.

## 2) Unknown driver



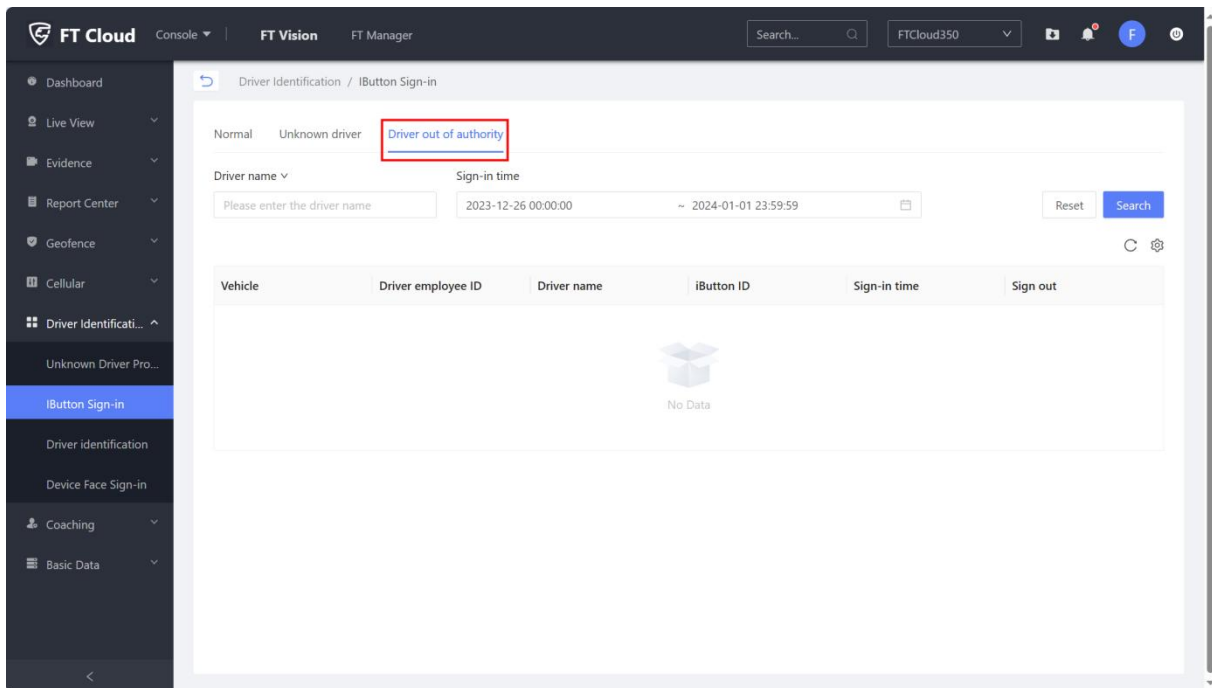
The screenshot displays the FT Cloud interface for Driver Identification. The 'Unknown driver' tab is selected and highlighted with a red box. The interface shows a search bar, a search button, and a table of driver sign-in records. The table has columns for Vehicle, Fleet of vehicle, iButton ID, Sign-in time, Sign out, and Operation. The table contains 6 rows of data, all with 'FT Cloud' as the fleet and '010000011DD82FC1' as the iButton ID. The sign-in times range from 2023-08-01 00:00:00 to 2023-08-03 20:07:04. The operation column shows two icons for each row, representing 'Register new driver' and 'Link to the driver'.

Vehicle	Fleet of vehicle	iButton ID	Sign-in time	Sign out	Operation
	FT Cloud	010000011DD82FC1	2023-08-09 17:29:48	-	
	FT Cloud	010000011DD82FC1	2023-08-03 14:05:52	-	
	FT Cloud	010000011DD82FC1	2023-08-03 10:06:25	2023-08-03 14:05:51	
	FT Cloud	010000011DD82FC1	2023-08-03 09:40:58	2023-08-03 10:06:24	
	FT Cloud	010000011DD82FC1	2023-08-02 20:56:59	2023-08-03 09:40:57	
	FT Cloud	010000011DD82FC1	2023-08-02 19:10:27	2023-08-02 20:07:04	

Records that are not recognized by the iButton ID are displayed under the "Unknown driver" tab, providing support for subsequent processing

Explanation: There are two kinds of unrecognized situations, one is that the driver has not yet registered on the platform, then click on the "Register new driver" button in the action column to register; The other is that the driver already exists in the platform, but the driver has not yet bound IButtonID, then click the "Link to the driver" button of the operation column to bind IButtonID and the driver.

### 3) Driver out of authority



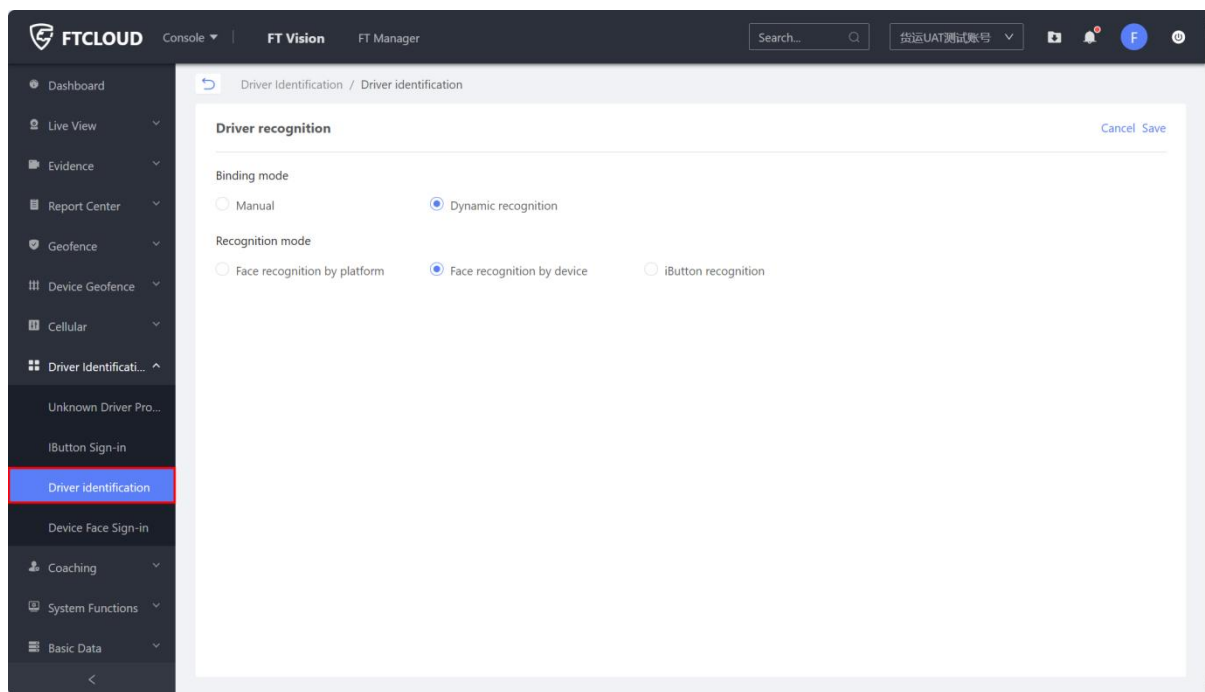
The driver with the current IButtonID binding is detected driving a vehicle that he does not have permission to drive (the driver's permission to drive the vehicle is determined by another module configuration), and the record is displayed under the Driver out of authority.

#### 8.2.3. Special Notes

IButton Sign-in function as a value-added service of the platform, if there is a customer need, first communicate with the operation team clearly, by the operation colleagues to open the "IButton identification" package for this user, the user can use IButton identification related functions.

## 8.3. Driver Identification

### 8.3.1. General Information



For the administrator to set the rules of vehicle and driver binding, driver identification can be divided into Manual and Dynamic recognition.

### 8.3.2. Function details

#### 1) Manual

Applicable to the business scenario where the vehicle is driven by a fixed driver, the vehicle can no longer be bound by other drivers after the driver has been bound, and everything that happens to the vehicle will be associated with the driver.

#### 2) Dynamic recognition

It is suitable for the business scenario where the vehicle is often changed by different drivers, the driving relationship of the driver is dynamic, and the driver of the current trip is determined by comparing the driver's face photos. The recognition method can be set to "platform face verification" or "device face verification," and it is not recommended to use device face verification.

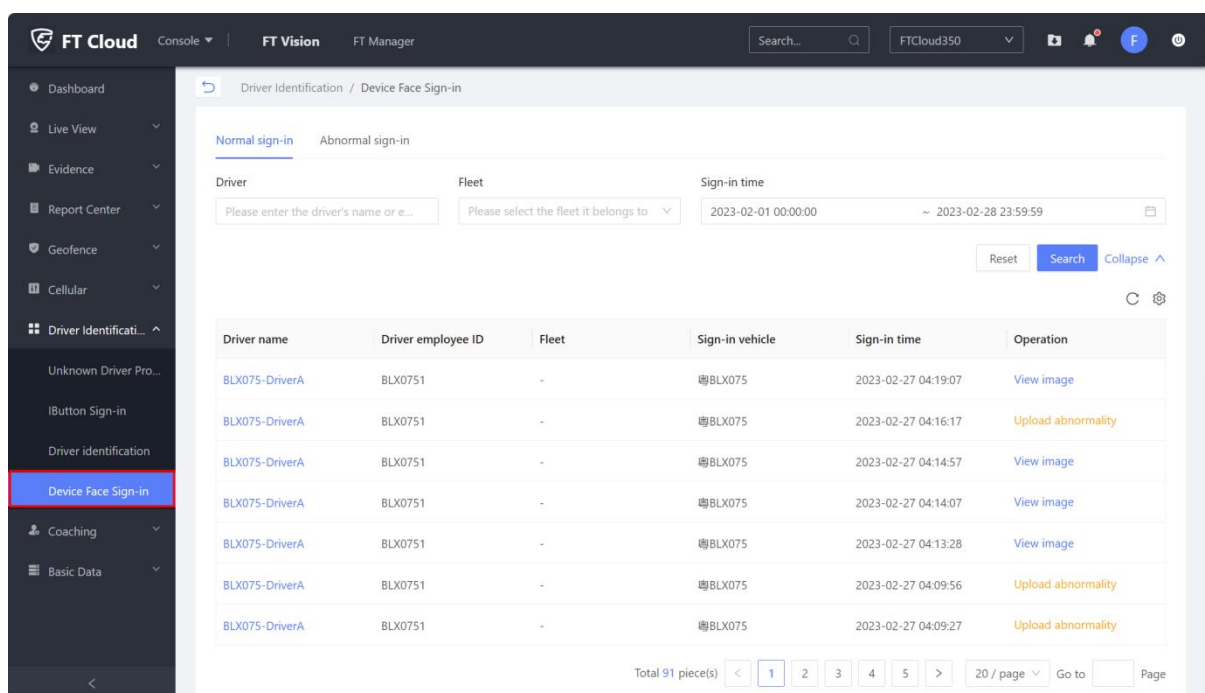
In addition, if the value added service "iButton ID" is opened, the third identification method "iButton recognition" will be displayed here.

Note: When the dynamic recognition is enabled, the face check is divided into two situations:

- ① One is the violation of the driver, at this time should generate a platform alarm;
- ② One is the company's new driver, at this time should produce a face abnormal to do, used to enter the new driver. The administrator can open the face abnormal to do and set the to-do time, in the to-do time face check does not pass, will produce face abnormal to do, the administrator can handle, details of the operation please pay attention to the system function - face abnormal to do. In the rest of the time the face check does not pass, an unknown driver alarm will be generated.

## 8.4. Driver Face Sign-in

### 8.4.1. General Information



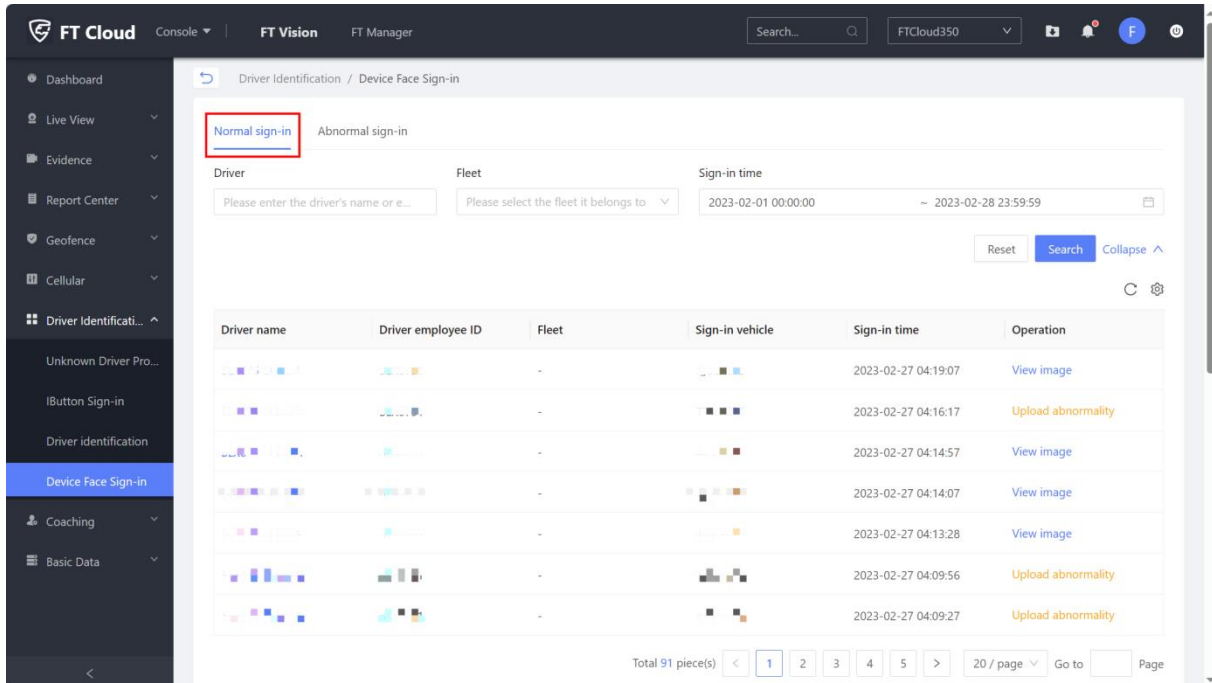
The screenshot displays the FT Cloud console interface for Driver Face Sign-in. The left sidebar shows the navigation menu with 'Device Face Sign-in' highlighted. The main content area shows the 'Normal sign-in' and 'Abnormal sign-in' tabs. Below the tabs are search filters for Driver, Fleet, and Sign-in time. A table lists the sign-in records with columns for Driver name, Driver employee ID, Fleet, Sign-in vehicle, Sign-in time, and Operation. The table shows 91 records in total, with the first page displaying 8 records.

Driver name	Driver employee ID	Fleet	Sign-in vehicle	Sign-in time	Operation
BLX075-DriverA	BLX0751	-	粤BLX075	2023-02-27 04:19:07	View image
BLX075-DriverA	BLX0751	-	粤BLX075	2023-02-27 04:16:17	Upload abnormality
BLX075-DriverA	BLX0751	-	粤BLX075	2023-02-27 04:14:57	View image
BLX075-DriverA	BLX0751	-	粤BLX075	2023-02-27 04:14:07	View image
BLX075-DriverA	BLX0751	-	粤BLX075	2023-02-27 04:13:28	View image
BLX075-DriverA	BLX0751	-	粤BLX075	2023-02-27 04:09:56	Upload abnormality
BLX075-DriverA	BLX0751	-	粤BLX075	2023-02-27 04:09:27	Upload abnormality

Device Face Sign-in is used to store the device's face record, which is divided into two sub-pages: Normal sign-in and Abnormal sign-in.

## 8.4.2. Function details

### 1) Normal sign-in

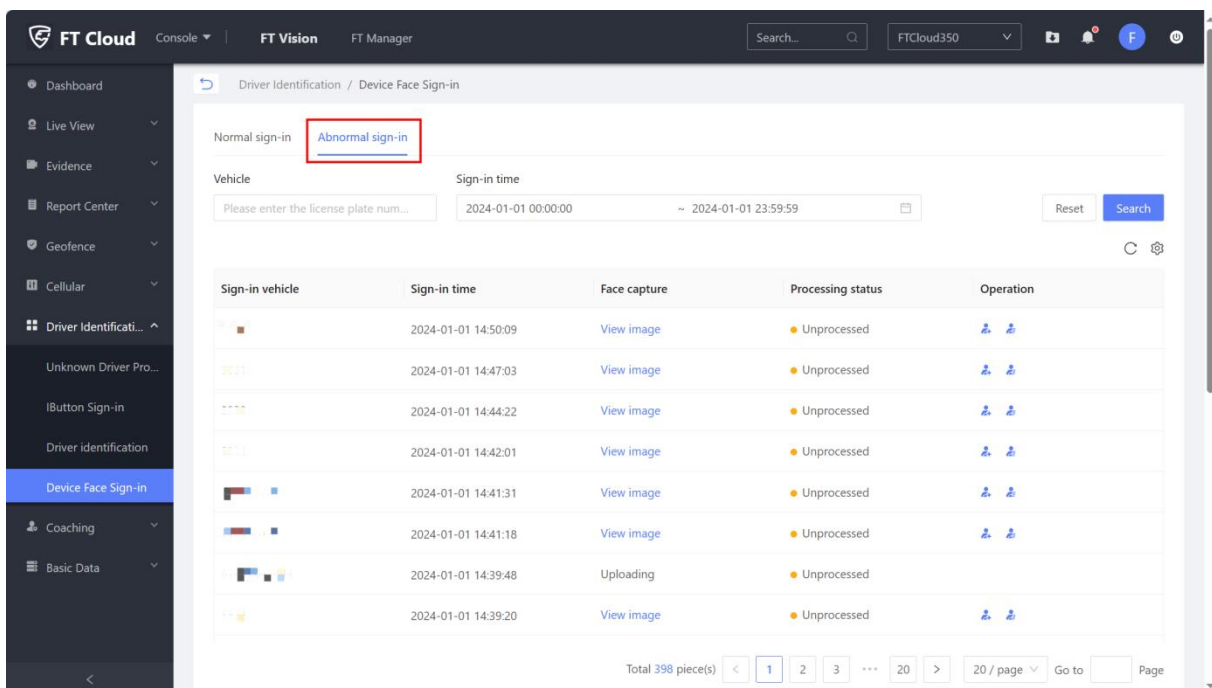


The screenshot shows the 'Normal sign-in' page in the FT Cloud interface. The page has a search bar at the top with filters for Driver, Fleet, and Sign-in time. Below the search bar is a table with columns: Driver name, Driver employee ID, Fleet, Sign-in vehicle, Sign-in time, and Operation. The table lists several sign-in records with corresponding driver avatars and operation types like 'View image' and 'Upload abnormality'.

Driver name	Driver employee ID	Fleet	Sign-in vehicle	Sign-in time	Operation
[Avatar]	[ID]	-	[Vehicle]	2023-02-27 04:19:07	<a href="#">View image</a>
[Avatar]	[ID]	-	[Vehicle]	2023-02-27 04:16:17	Upload abnormality
[Avatar]	[ID]	-	[Vehicle]	2023-02-27 04:14:57	<a href="#">View image</a>
[Avatar]	[ID]	-	[Vehicle]	2023-02-27 04:14:07	<a href="#">View image</a>
[Avatar]	[ID]	-	[Vehicle]	2023-02-27 04:13:28	<a href="#">View image</a>
[Avatar]	[ID]	-	[Vehicle]	2023-02-27 04:09:56	Upload abnormality
[Avatar]	[ID]	-	[Vehicle]	2023-02-27 04:09:27	Upload abnormality

Users can click on the driver's name on the Normal sign-in page to see the driver's details.

### 2) Abnormal sign-in



The screenshot shows the 'Abnormal sign-in' page in the FT Cloud interface. The page has a search bar at the top with filters for Vehicle and Sign-in time. Below the search bar is a table with columns: Sign-in vehicle, Sign-in time, Face capture, Processing status, and Operation. The table lists several sign-in records with corresponding driver avatars and operation types like 'View image' and 'Unprocessed'.

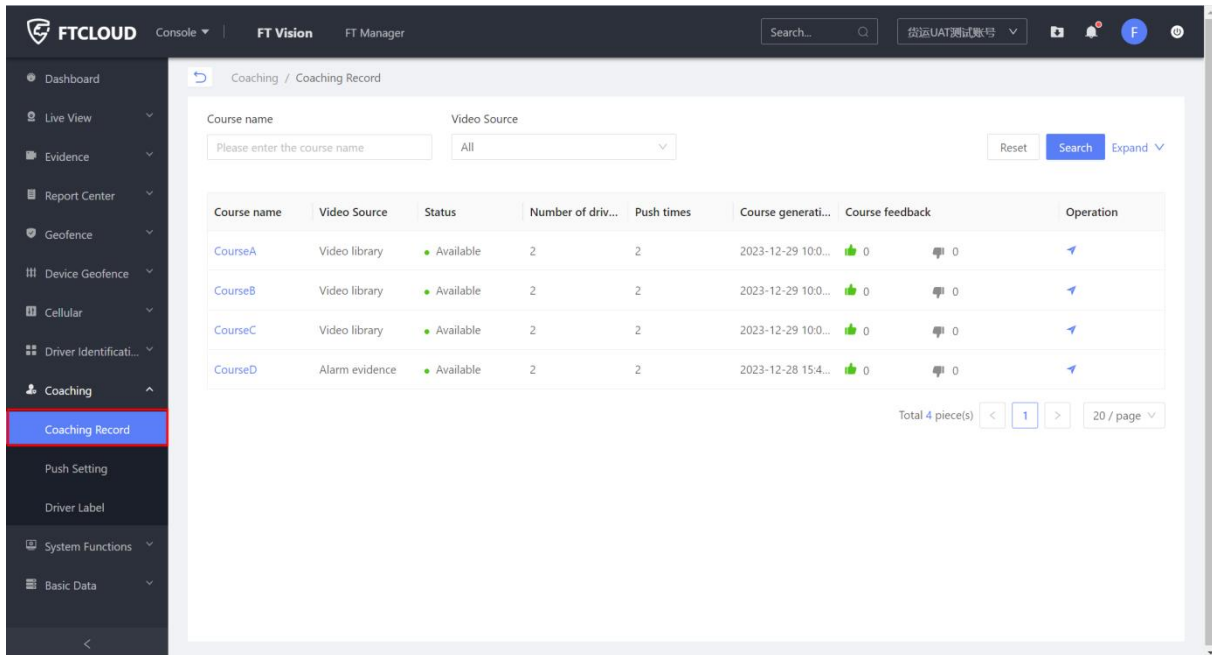
Sign-in vehicle	Sign-in time	Face capture	Processing status	Operation
[Avatar]	2024-01-01 14:50:09	<a href="#">View image</a>	Unprocessed	[User icons]
[Avatar]	2024-01-01 14:47:03	<a href="#">View image</a>	Unprocessed	[User icons]
[Avatar]	2024-01-01 14:44:22	<a href="#">View image</a>	Unprocessed	[User icons]
[Avatar]	2024-01-01 14:42:01	<a href="#">View image</a>	Unprocessed	[User icons]
[Avatar]	2024-01-01 14:41:31	<a href="#">View image</a>	Unprocessed	[User icons]
[Avatar]	2024-01-01 14:41:18	<a href="#">View image</a>	Unprocessed	[User icons]
[Avatar]	2024-01-01 14:39:48	Uploading	Unprocessed	[User icons]
[Avatar]	2024-01-01 14:39:20	<a href="#">View image</a>	Unprocessed	[User icons]

The user can process the check in record in the Abnormal sign-in page.

## 9. Coaching

### 9.1. Coaching Record

#### 9.1.1. General Information



The screenshot shows the FTCLLOUD console interface for the 'Coaching Record' page. The page includes a search bar, a 'Reset' button, and a 'Search' button. Below the search bar is a table with the following data:

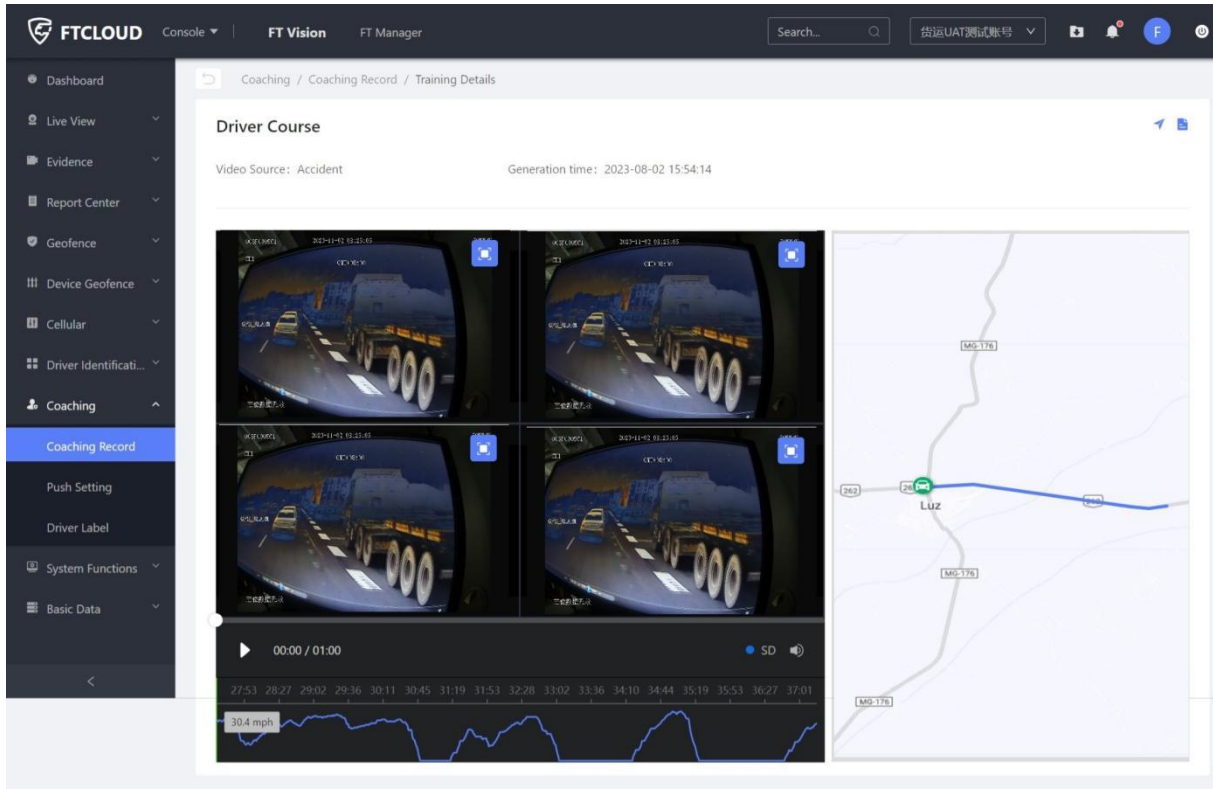
Course name	Video Source	Status	Number of driv...	Push times	Course generati...	Course feedback	Operation
CourseA	Video library	Available	2	2	2023-12-29 10:0...	0	
CourseB	Video library	Available	2	2	2023-12-29 10:0...	0	
CourseC	Video library	Available	2	2	2023-12-29 10:0...	0	
CourseD	Alarm evidence	Available	2	2	2023-12-28 15:4...	0	

At the bottom of the table, there is a pagination control showing 'Total 4 piece(s)', a page number '1', and '20 / page'.

Coaching Record can push the course to the driver, and the driver can learn the corresponding course to improve driving safety vigilance and driving related skills.

## 9.1.2. Function details

### 1) Training Details



Click on the course name to enter the training details page, which mainly displays the video information, video content and map tracks, as well as push and push record operation buttons.

## 2) Course Push

The screenshot displays the Streamax FT Vision interface. On the left is a navigation menu with options like Dashboard, Live View, Evidence, Report Center, Geofence, Device Geofence, Cellular, Driver Identificati..., Coaching, Coaching Record, Push Setting, Driver Label, System Functions, and Basic Data. The main area shows 'Coaching / Coaching Record' with a table of courses:

Course name	Video Source	Status	Number of dri...	Push tim
CourseA	Video library	Available	2	2
CourseB	Video library	Available	2	2
CourseC	Video library	Available	2	2
CourseD	Alarm evidence	Available	2	2

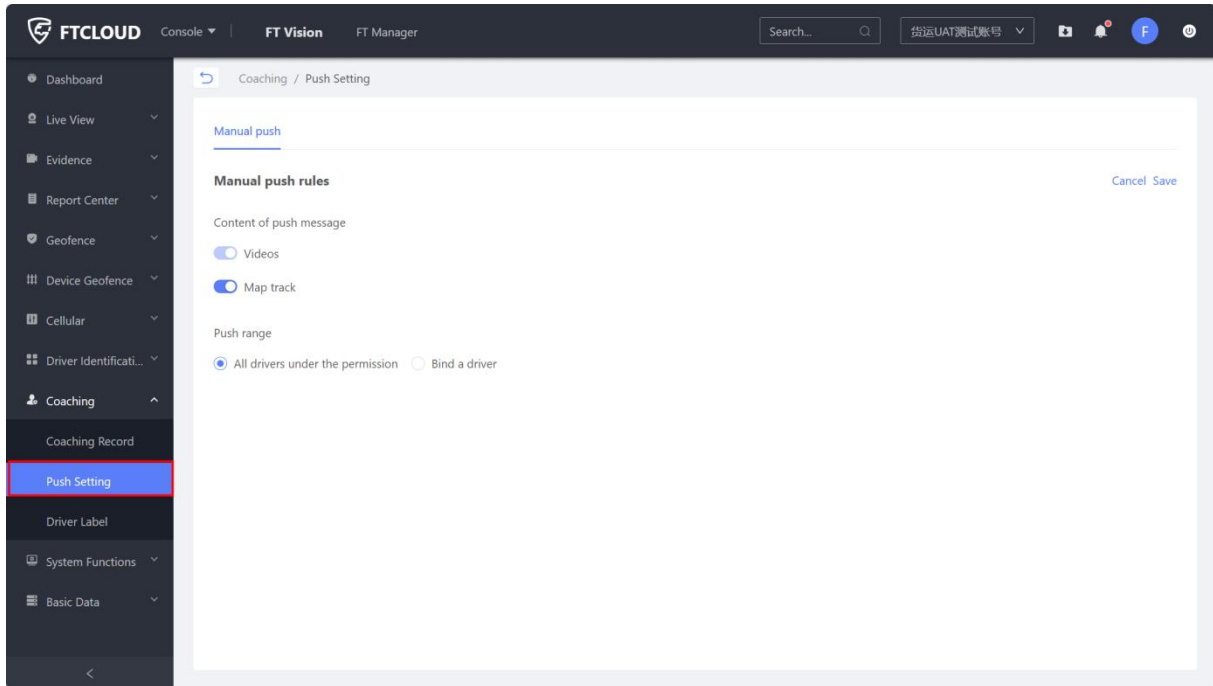
The 'Course push' pop-up window is open on the right. It contains the following fields and controls:

- Course title:** A text input field containing 'CourseA'.
- Push object:** A section with 'Selected drivers (0)' and a 'Clear' button.
- Driver name:** A text input field with 'Please enter the driver name', a 'Reset' button, and a 'Search' button.
- Driver selection table:** A table with columns 'Driver employee ID', 'Driver name', and 'Fleet'. It contains two rows of data, each with a checkbox in the first column.
- Total 2 piece(s):** A counter showing '1' with left and right navigation arrows.
- Course description:** A text input field with 'Please enter the course description'.
- Buttons:** 'Cancel' and 'OK' buttons at the bottom.

Click the push button and the course push pop-up window will appear. The course title is the current course name by default, which can be customized and modified. After selecting the push object, the course description is not required, click "OK" to complete the course push.

## 9.2. Push Setting

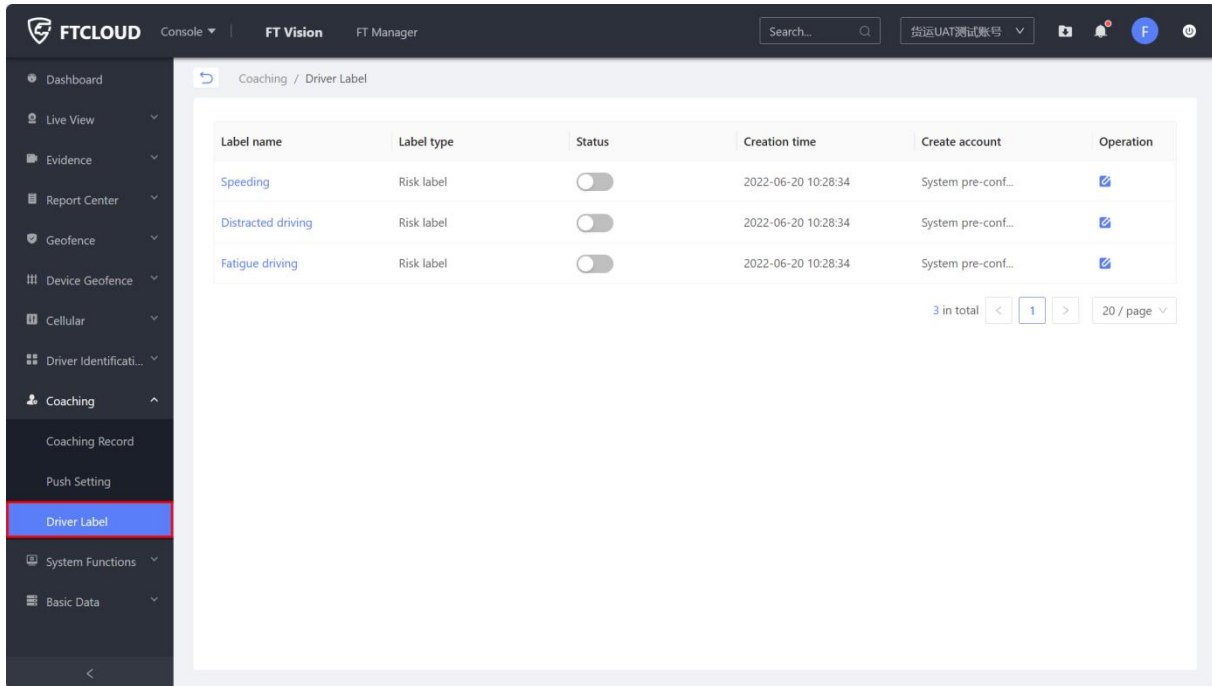
### 9.2.1. General Information



Push setting are used to set the rules for manual push. Content of push message opens push video by default and cannot be changed. Users can decide whether to open push map track according to their own needs. Push range can select all drivers within the authority or bound drivers.

## 9.3. Driver Label

### 9.3.1. General Information

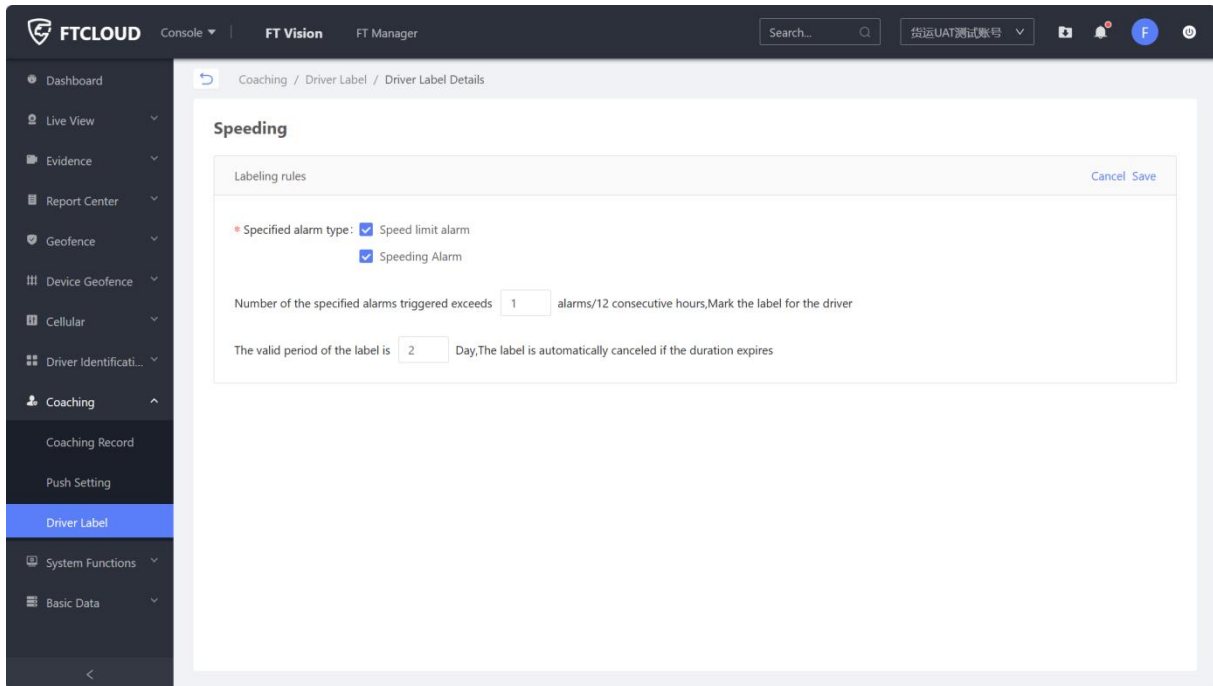


Label name	Label type	Status	Creation time	Create account	Operation
Speeding	Risk label	<input type="checkbox"/>	2022-06-20 10:28:34	System pre-conf...	<input checked="" type="checkbox"/>
Distracted driving	Risk label	<input type="checkbox"/>	2022-06-20 10:28:34	System pre-conf...	<input checked="" type="checkbox"/>
Fatigue driving	Risk label	<input type="checkbox"/>	2022-06-20 10:28:34	System pre-conf...	<input checked="" type="checkbox"/>

3 in total < 1 > 20 / page

Driver Label is mainly used to mark the driver, so that the user can understand the driving problem of the driver according to the label. When the driver triggers the alarm and reaches the marking condition, the system will automatically label the driver, which will be displayed on the driver details page.

### 9.3.2. Function details



Click on the name of the label to enter the tag details page to set the rules for automatic labeling of drivers. Open the label status in the label list, and the driver who owns the label will display the label in the driver information.

## 10. System Functions

### 10.1. Alcohol Test

#### 10.1.1. General Information

Vehicle	Driver emplo...	Driver name	Blood alcoho...	Drunk driving or not	Captured ima...	Testing time	Handler	Processing ti...	Operation
	232	121	0.000mg	No	<a href="#">View</a>	2023-02-14 1...	-	-	
	232	121	0.000mg	No	<a href="#">View</a>	2023-02-14 1...	-	-	
	232	121	0.000mg	No	<a href="#">View</a>	2023-02-14 1...	-	-	
	232	121	0.000mg	No	<a href="#">View</a>	2023-02-14 1...	-	-	
	232	121	0.000mg	No	<a href="#">View</a>	2023-02-14 1...	-	-	
	232	121	0.605mg	Yes	<a href="#">View</a>	2023-02-14 1...	-	-	

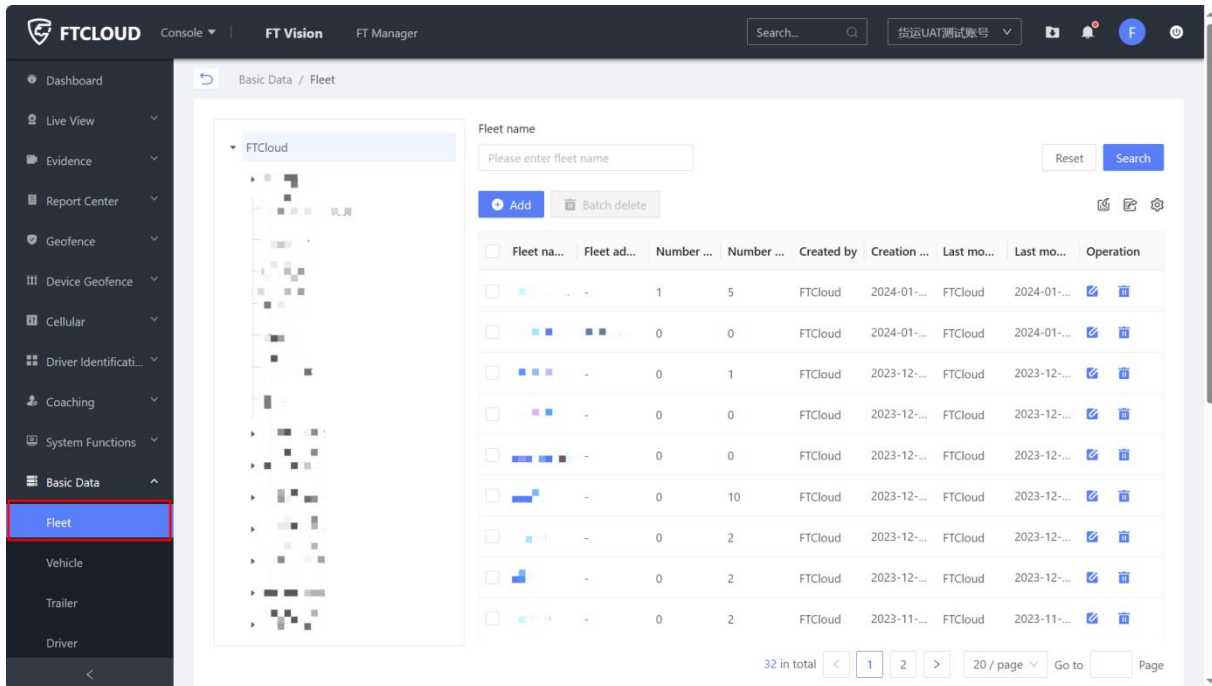
The device uploads information (license plate, alcohol concentration, whether drunk driving, test time, photo) to the platform after each driver takes a breathalyzer test. When the platform gets the information, it first records the information and matches it to the driver through face recognition, attributing each record to a specific driver, but if the specific driver is not identified or the recognition is wrong, it provides subsequent manual binding to the driver.

Click on the license plate number to view individual vehicle alcohol test records.

## 11. Basic Data

### 11.1. Fleet

#### 11.1.1. General Information



The screenshot shows the FTCloud web interface. The left sidebar contains a menu with 'Fleet' highlighted. The main content area is titled 'Basic Data / Fleet' and features a search bar, 'Add' and 'Batch delete' buttons, and a table of fleet data.

Fleet na...	Fleet ad...	Number ...	Number ...	Created by	Creation ...	Last mo...	Last mo...	Operation
<input type="checkbox"/>		1	5	FTCloud	2024-01-...	FTCloud	2024-01-...	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="checkbox"/>		0	0	FTCloud	2024-01-...	FTCloud	2024-01-...	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="checkbox"/>		0	1	FTCloud	2023-12-...	FTCloud	2023-12-...	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="checkbox"/>		0	0	FTCloud	2023-12-...	FTCloud	2023-12-...	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="checkbox"/>		0	0	FTCloud	2023-12-...	FTCloud	2023-12-...	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="checkbox"/>		0	10	FTCloud	2023-12-...	FTCloud	2023-12-...	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="checkbox"/>		0	2	FTCloud	2023-12-...	FTCloud	2023-12-...	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="checkbox"/>		0	2	FTCloud	2023-12-...	FTCloud	2023-12-...	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="checkbox"/>		0	2	FTCloud	2023-11-...	FTCloud	2023-11-...	<a href="#">Edit</a> <a href="#">Delete</a>

32 in total < 1 2 > 20 / page Go to Page

You can manage the fleet in the Fleet, management actions include: search, add and delete fleet, edit and import and export.

## 11.2. Vehicle

### 11.2.1. General Information

The screenshot shows the FTCloud web interface for vehicle management. The sidebar on the left contains navigation options, with 'Vehicle' highlighted. The main content area displays a table of vehicle records. The table has the following columns: License plate number, Device ID, Vehicle type, Device ID, Create time, Creation time, Last modification, and Operation. The table contains several rows of data, including vehicles with license plates like 00B800, 00BD00, MT100, and A17038. The page also features search filters for License plate number and Device ID, and a pagination bar at the bottom indicating 1075 total records.

You can manage the vehicle in the Vehicle, management actions include: search, add and delete vehicle, edit and import and export.

## 11.3. Trailer

### 11.3.1. General Information

The screenshot shows the FTCloud web interface for managing trailers. The sidebar on the left lists various system functions, with 'Trailer' highlighted in blue. The main content area is titled 'Basic Data / Trailer' and contains a search interface with fields for 'Trailer ID' and 'Camera UID', along with 'Reset', 'Search', and 'Expand' buttons. Below the search fields are 'Add' and 'Batch delete' buttons. A table displays the following data:

Trailer ID	Camera UID	Fleet	Binding status	Last positioning	Operation
	672100074	FTCloud	Unbind	No location infor...	<a href="#">Edit</a> <a href="#">Delete</a>
	1234567	FTCloud	Unbind	No location infor...	<a href="#">Edit</a> <a href="#">Delete</a>
	aaaaaa	FTCloud	Unbind	No location infor...	<a href="#">Edit</a> <a href="#">Delete</a>
	123456		Unbind	No location infor...	<a href="#">Edit</a> <a href="#">Delete</a>
	9920230223		Unbind	2号楼, 奥韵路, ...	<a href="#">Edit</a> <a href="#">Delete</a>
	6789012345	FTCloud	Unbind	B1, 10001号, Xue...	<a href="#">Edit</a> <a href="#">Delete</a>

At the bottom of the table, it indicates 'Total 6 piece(s)' and shows pagination controls for page 1 of 20.

You can manage the trailer in the Trailer, management actions include: search, add and delete trailer, edit and export.

## 11.4. Driver

### 11.4.1. General Information

The screenshot displays the FTCLLOUD interface for driver management. The sidebar on the left contains various navigation options, with 'Driver' highlighted. The main panel shows a search and filter interface for drivers, including fields for driver name, status, and fleet. Below this is a table of driver records with columns for name, employment status, fleet, creation details, and operations. The table indicates 126 total records and shows the first page of results.

Driver module can be multi-dimensional, comprehensive understanding of the driver details, including the driver name, driver ID and basic information, as well as risk and driving conditions.

### 11.4.2. Function details

**司机1** Delete

**Basic information** Edit

Driver name: 司机1      Driver employee ID: 001      Driver status: Employed  
 Fleet: 模拟器      Created by: FTCloud      Creation time: 2022-10-13 09:32:55  
 Notes: -

**Driver photo**

**Working experience** Recent 7 days    Recent one month

**Percentage of Alarm Types** Details >>

Alarm Type	Percentage
Driver Distraction	24.12%
Driver Making Phone Calls	23.1%
Driver Fatigue	23.05%
Driver Smoking	17.38%
Abnormal driving alarm	9.06%
Other	3.29%

**Alarms per 100km** Total alarms: 2065 ↑2065

(Unit: 100km)      Alarms per 100km      All

**Driving experience**

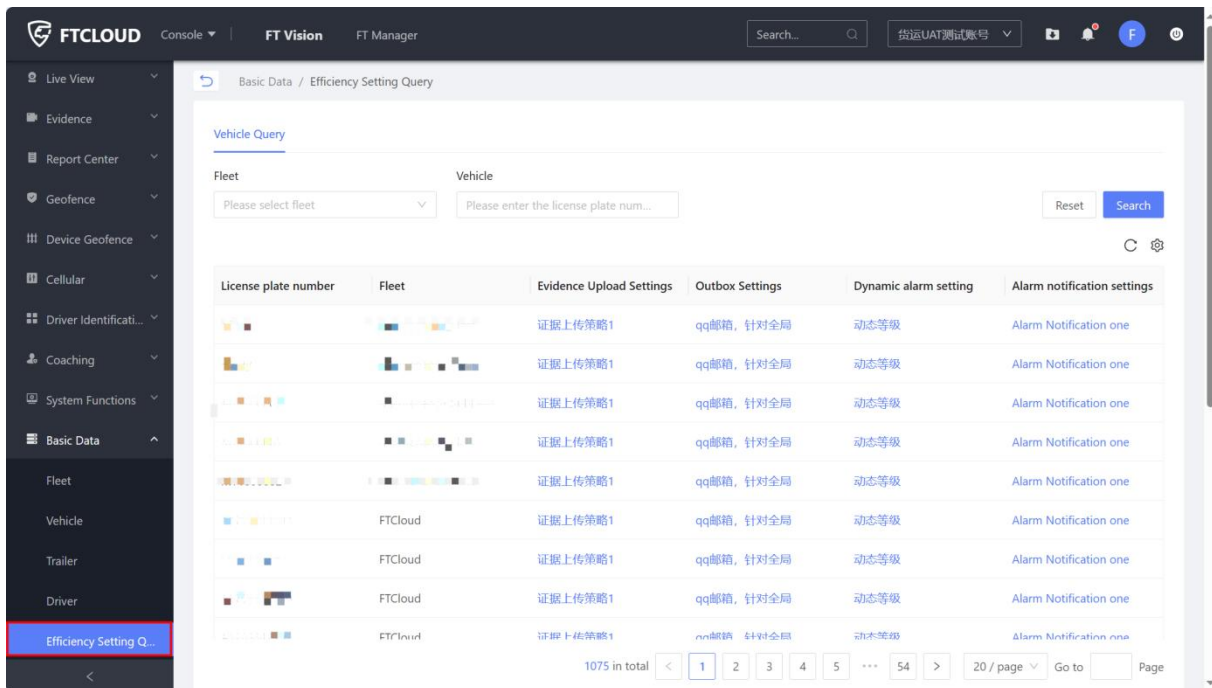
(Unit: h)      Work time      Mileage driven      (Unit: km)

Click on the driver's name to see the driver's details, understand the driver's driving risk

distribution, risk trends and driving profile.

## 11.5. Efficiency Setting Query

### 11.5.1. General Information



The screenshot displays the 'Efficiency Setting Query' page in the FTCLoud system. The page is titled 'Basic Data / Efficiency Setting Query' and features a search bar for 'Vehicle Query'. Below the search bar, there are two input fields: 'Fleet' (with a dropdown menu) and 'Vehicle' (with a text input field). A 'Reset' button and a 'Search' button are located to the right of these fields. The main content area is a table with the following columns: 'License plate number', 'Fleet', 'Evidence Upload Settings', 'Outbox Settings', 'Dynamic alarm setting', and 'Alarm notification settings'. The table contains several rows of data, each representing a vehicle's configuration. At the bottom of the table, there is a pagination control showing '1075 in total' and a '20 / page' dropdown menu.

License plate number	Fleet	Evidence Upload Settings	Outbox Settings	Dynamic alarm setting	Alarm notification settings
		证据上传策略1	qq邮箱, 针对全局	动态等级	Alarm Notification one
		证据上传策略1	qq邮箱, 针对全局	动态等级	Alarm Notification one
		证据上传策略1	qq邮箱, 针对全局	动态等级	Alarm Notification one
		证据上传策略1	qq邮箱, 针对全局	动态等级	Alarm Notification one
	FTCloud	证据上传策略1	qq邮箱, 针对全局	动态等级	Alarm Notification one
	FTCloud	证据上传策略1	qq邮箱, 针对全局	动态等级	Alarm Notification one
	FTCloud	证据上传策略1	qq邮箱, 针对全局	动态等级	Alarm Notification one
	FTCloud	证据上传策略1	qq邮箱, 针对全局	动态等级	Alarm Notification one

When the number of vehicles managed by the user is too large, it is necessary to see the configuration used by the vehicle, which can be queried through this page. Click on the settings name to jump to the settings configuration page.