



HikCentral Professional V3.1.0

Release Notes

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Chapter 1 [New] Sensing

Supports adding optical fiber sensors to the platform.

About Optical Fiber Sensors

An Optical Fiber Sensor is a perimeter intrusion detection system that turns a standard fiber optic cable into a sensitive vibration detector. Its core principle relies on detecting minute changes in the light traveling through the fiber. When an intrusion like climbing or cutting causes vibrations, the sensor analyzes these light disturbances in real time. The system then processes these signals in real time, using algorithms to filter out environmental noise and focus only on genuine threats. Vibration fiber systems provide a critical detection layer for high-security sites such as armories, prisons, bank vaults, and border lines. The system monitors perimeter vibration signals in real time to enable intrusion detection and alarm linkage.

Supported Models

The following models and firmware versions are compatible with the platform:

Model	Firmware Version
DS-QFV0202/EU	V2.1.6
DS-QFV0502/EU	V2.1.6
DS-QFV1002/KIT	V1.1.0_build250815
DS-QFV5002/KIT	V1.1.0_build250815
DS-QFV0102W	V2.1.6
DS-QFV0202W	V2.1.6

Device Management

(Web Client) Supports managing optical fiber sensors.

- **Add Device:**
 - **Manually Add Optical Fiber Sensors:** Go to **Device → Device and Server → Optical Fiber Sensor** to manually add optical fiber sensors to the system.

The screenshot shows the 'Add Optical Fiber Sensor' form in the HikCentral Professional web interface. The left sidebar contains a 'Device' menu with various device types, including 'Optical Fiber Sensor' which is currently selected. The main form area is titled 'Add Optical Fiber Sensor' and contains two sections: 'Basic Information' and 'Time Zone'. In the 'Basic Information' section, there are three radio buttons for 'Adding Mode': 'Device ID' (selected), 'Device ID Segment', and 'Batch Import'. Below these are three input fields: '*Device ID', '*Secret Key' (with a lock icon and a copy icon), and '*Device Name'. The 'Time Zone' section has two radio buttons: 'Device Time Zone' and 'Get Device's Time Zone' (selected). Below these is a link 'Manually Set Time Zone' with a note: 'The time zone settings will be applied to devices automatically.' At the bottom of the form are three buttons: 'Add', 'Add and Continue', and 'Cancel'.

Figure 1-1 Add Optical Fiber Sensor

- **Batch Add Optical Fiber Sensors:** Download the template, specify start and end Device ID ranges, fill in device details in bulk, and import the file.
- **Add Online Optical Fiber Sensors:** Go to **Device → Device and Server → Online Device**. The platform automatically discovers the sensors connected to the same network as the platform. Select the detected devices and click **Add to Device List** to add devices to the platform.
- **Edit Device:** Click on a device name to edit device information and view all sensor units with attributes and linked area coordinates.
- **Batch Delete:** Remove multiple devices simultaneously.
- **Search:** Filter by Device Name, IP Address, Serial No., or Version.
- **Get Device Configuration:** Check optical fiber units, and click **Get Configuration** to get the unit name, type, latitude and longitude, sensitivity, and intelligent algorithm enabling status of the selected unit from the device.
- **Apply Device Information to Device:** The edited device information on the platform will be applied to the devices automatically. If applying failed, click **🔴 → Reapply** to apply again.

Add Device to Map

(Web Client) Go to **Device → Area → Optical Fiber Unit → Locate Unit on Map**.

GIS Map Configuration:

The system automatically plots the positions of optical fiber sensors on the map based on pre-configured GPS coordinates.

Sensors are grouped by channels. Within each channel, units are connected sequentially in ascending order of their unit numbers. For example, units 1-2-3-4-5 in Channel 1 will connect automatically. If unit numbers are missing (e.g., 1-2-4-5), the system skips gaps to maintain continuity. You can manually adjust or delete auto-generated connections as needed.

Static Map Configuration:

(Web Client) For static maps, the system allows flexible manual configuration. Drag optical fiber sensors from the device list to desired map locations. Left-click units to create connections; right-

click to end the operation. Connection relationships can be deleted for easy adjustment based on deployment layouts.

For large-scale projects (e.g., hundreds of units), use the batch connection tool: enter start and end unit numbers to auto-connect all units in the range, significantly improving setup efficiency.

Map Monitoring:

(Web Client & Control Client) On the Map Monitoring page, click any optical fiber unit to view details such as unit name, status, unit number, and coordinates. During alarms, units will be highlighted in red for immediate attention. Click highlighted alarms to jump to details pages with full event information and linked video footage.

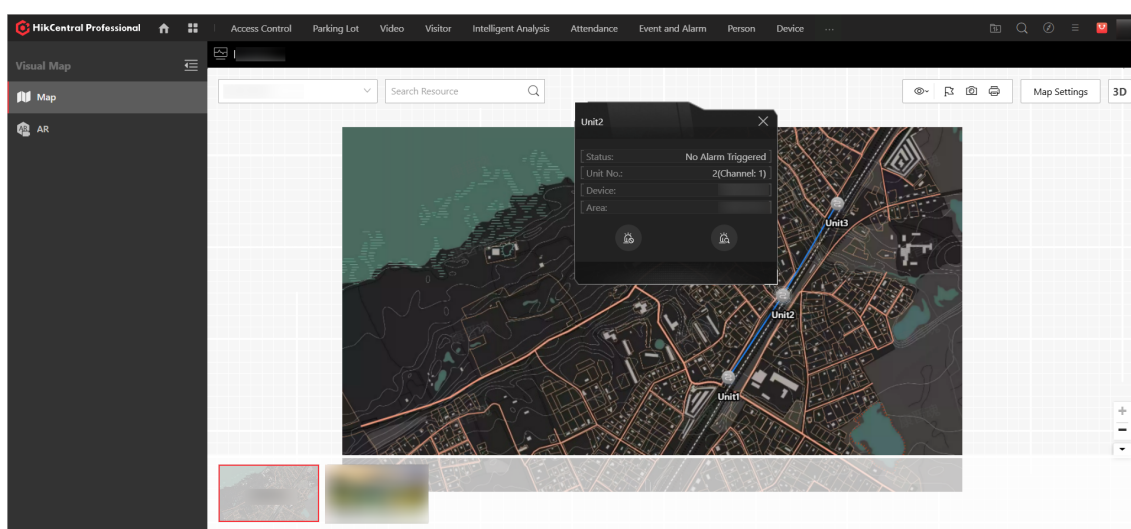


Figure 1-2 Monitor Units on Map

Link Camera and Unit

(Web Client) Supports linking an optical sensor unit with up to 4 cameras, and after the camera is linked, it will automatically capture pictures when an alarm is triggered.

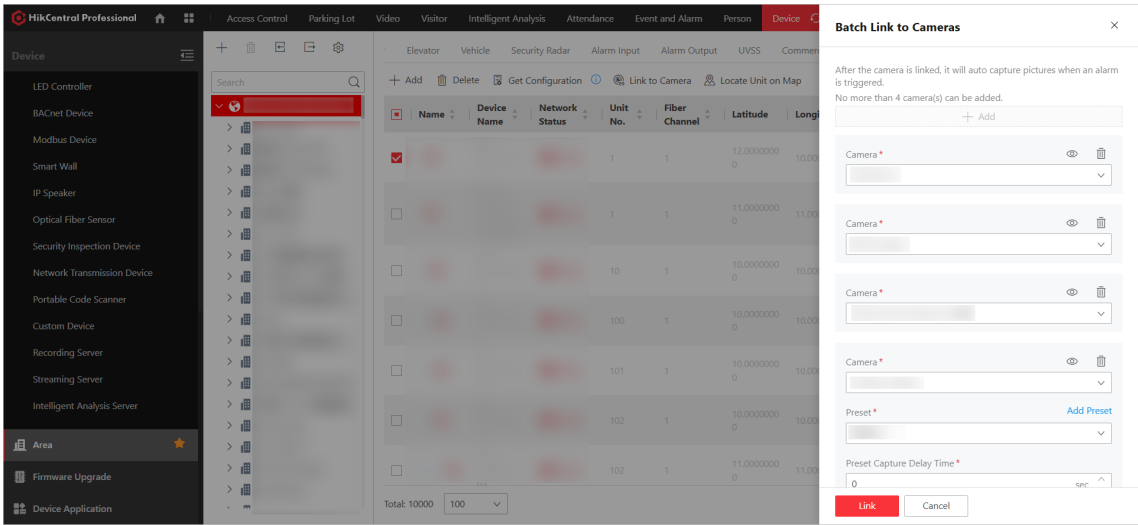


Figure 1-3 Link Camera and Unit

Maintenance of Optical Fiber Sensors

- 1. (Web Client & Control Client) The Real-Time Overview page supports displaying exception statistics of optical fiber sensors.

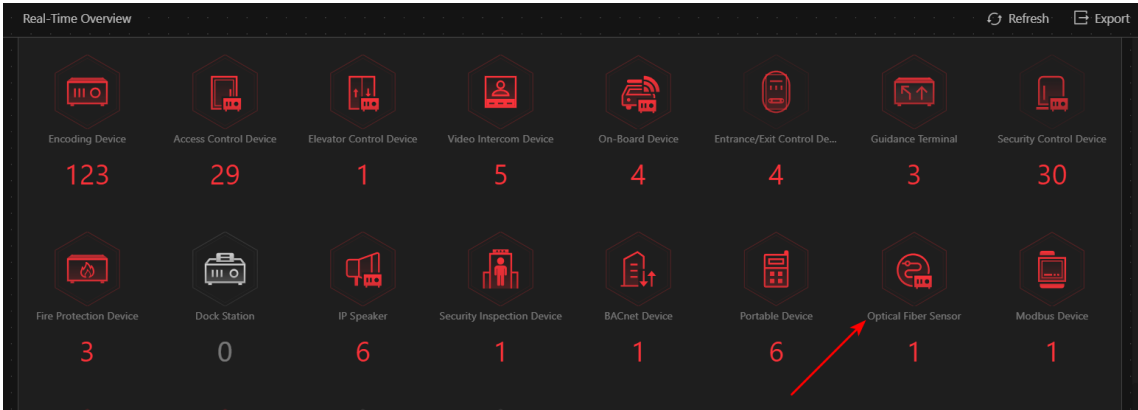


Figure 1-4 Real-Time Overview

- 2. (Web Client & Control Client) Adds the Optical Fiber Sensor page which displays the status of optical fiber sensors.

Optical Fiber Sensor

Refresh Apply Time Sync Configuration Device Time Sync Instruction Export

All Exceptions Search

Name	Address	Serial No.	Version	Network Status	Time Sync Status	First Added Time	Auto-Check Time	Optical Fib Length (m)	Operation
	--	--	--	Offline	Unknown	2025/12/10 10:48:44	--	0	
				Online	Normal	2025/12/10 11:02:22	2025/12/10 18:48:26	280	
				Online	Normal	2025/12/10 11:02:56	2025/12/10 18:48:26	1570	
				Online	Normal	2025/12/10 15:12:30	2025/12/10 18:48:26	210	
				Online	Normal	2025/12/10 16:07:26	2025/12/10 18:48:26	200	

Figure 1-5 Optical Fiber Sensor Status

3. (Web Client & Control Client) Supports searching for logs generated by optical fiber sensors.

Device Log

Export

Type

Online/Offline Log

Log on Device

Device

Optical Fiber Sensor

Search

All

Name	Address	Current Status	Latest Offline Time	Total Number of Times Offline	Total Offline Duration	Operation
		Online	2025-12-10 00:21:20	1 Times	00:00:46	
		Online	2025-12-10 00:07:26	1 Times	00:00:06	
		Online	2025-12-09 23:12:30	1 Times	00:00:03	
		Online	2025-12-09 19:02:56	1 Times	00:00:03	
		Online	2025-12-09 19:02:22	1 Times	00:00:43	
		Offline	2025-12-09 18:48:44	1 Times	07:11:16	

Total: 6 100 1 / 1 Go

Figure 1-6 Optical Fiber Sensor Logs

4. (Web Client & Control Client) Supports manual checking optical fiber sensors.

Checking...

Stop

97%

Device Health Check			Check Item 73 Completed 71
Entrance and Exit Control Device	Invalid Access of Entrance and Exit Control Device	Failed	
Under Vehicle Scanning Device	Under Vehicle Scanning Device Offline	Succeeded	
Intelligent Analysis Server	Abnormal Event Detection Server Offline	Succeeded	
On-Board Device	On-Board Device Offline	Succeeded	
Security Inspection Device	Security Inspection Device Offline	Succeeded	
BACnet Device	BACnet Device Offline	Succeeded	
Modbus Device	Modbus Device Offline	Succeeded	
Optical Fiber Sensor	The optical fiber sensor is offline.	Succeeded	
Optical Fiber Sensor	Optical fiber lid opened.	Failed	
Guidance Terminal	Guidance Terminal HDD Exception	Checking...	
Guidance Terminal	Guidance Terminal Recording Exception	Not Checked	

Figure 1-7 Manual Health Check of Optical Fiber Sensors

5. (Web Client) Supports configuring auto-check frequency of optical fiber sensors.

Maintenance

Health Overview

Health Check

Resource Status

System Log

Basic Configuration

Scheduled Health Check

Scheduled Report

Server Usage Thresholds

Network Timeout

Auto-Check Frequency

Topology Show

Auto-Check Frequency

Auto-Check Frequency 3 min

Elevator Control Device

Auto-Check Frequency 3 min

Encoding Device

Auto-Check Frequency 3 min

Optical Fiber Sensor

Auto-Check Frequency 3 min

Fire Protection Device

Auto-Check Frequency 3 min

Guidance Terminal

Auto-Check Frequency 3 min

Save

Figure 1-8 Auto-Check Frequency

Event and Alarm

Supports setting alarm linkage actions triggered by optical fiber sensor. For example, when perimeter intrusion is detected by an optical fiber sensor, it can trigger PTZ cameras to capture images and initiate a linked broadcast: "Please leave this area immediately."

Chapter 2 [New] Traffic Incident Monitoring

Traffic Incident Analysis

(Web Client) This update introduces a Traffic Incident Analysis dashboard that delivers multi-dimensional data visualization.

- The Statistics by Camera section provides an overview of total events and their percentage distribution across cameras, enabling you to quickly identify high-incidence areas.
- The Statistics by Event Type section displays an overview of total events and their percentage distribution across event types, enabling data-driven enforcement strategies tailored to the frequency and severity of each event type.
- The Event Time Distribution section provides hourly event counts, helping to identify peak activity periods, temporal patterns, and potential anomalies such as sudden surges during rush hours or unusual nighttime activity.

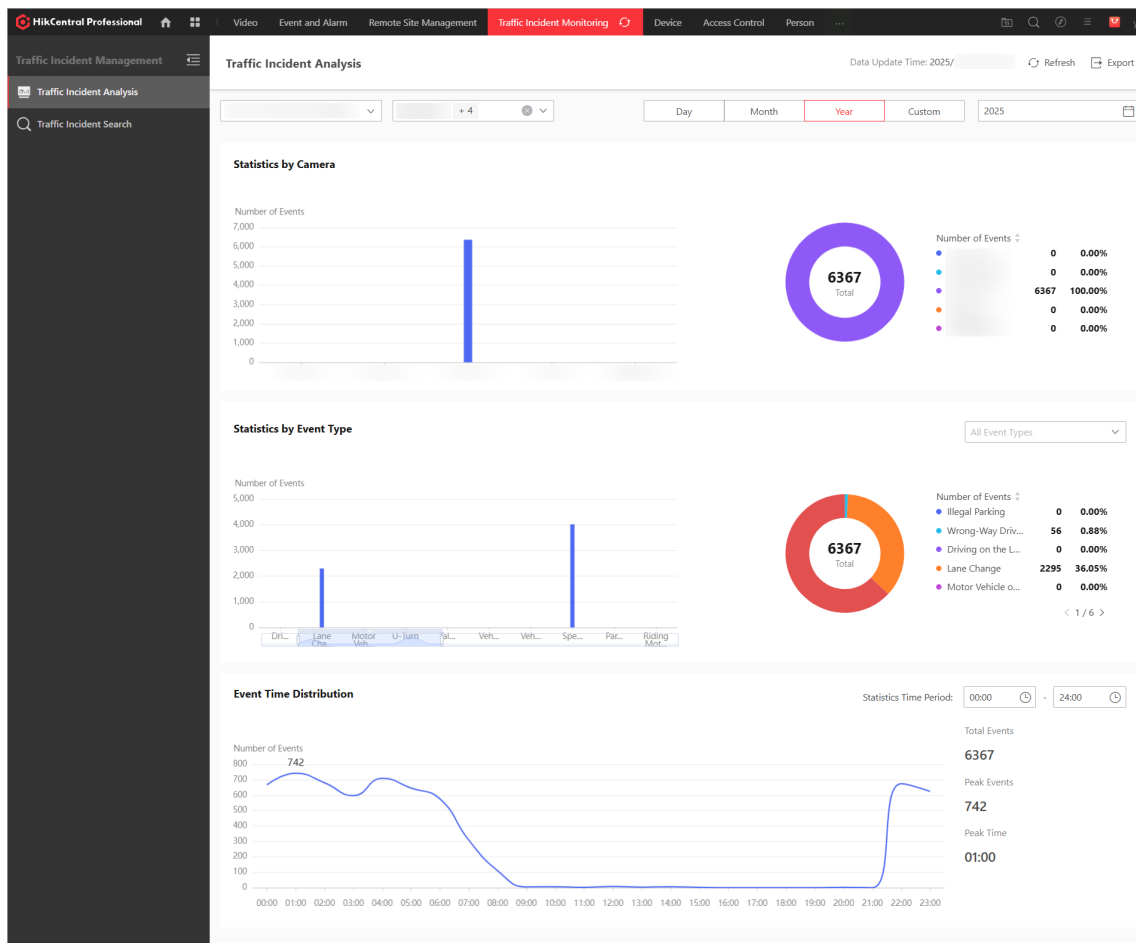


Figure 2-1 Traffic Incident Analysis

Traffic Incident Search

(Web Client) Adds the Traffic Incident Search module. You can filter traffic incidents by time range (such as Today, Yesterday, or a custom period of up to 180 days), specific cameras, event types, or license plate details including country/region, plate size, and plate category. Results are shown in a list format, and clicking any event name opens a slide-out panel with full details. For data export, you can download results in Excel or CSV format after password verification.

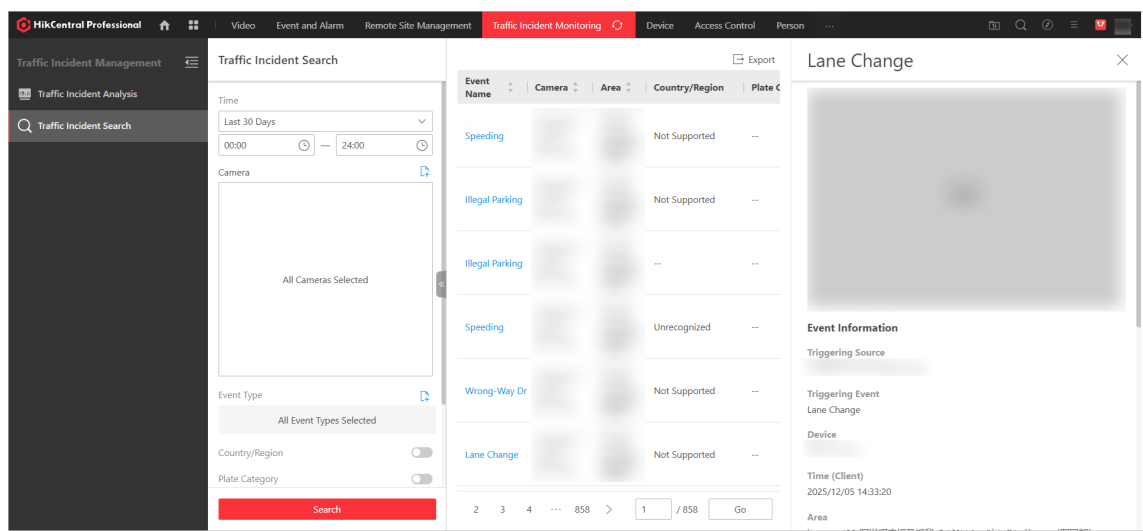


Figure 2-2 Traffic Incident Search

Chapter 3 AcuSeek

New Features

1. (Desktop Client) This update introduces the Universal Object Recognition, and you can now search for universal objects via AcuSeek.
2. (Desktop Client) Supports searching for vehicle pictures by uploading pictures.

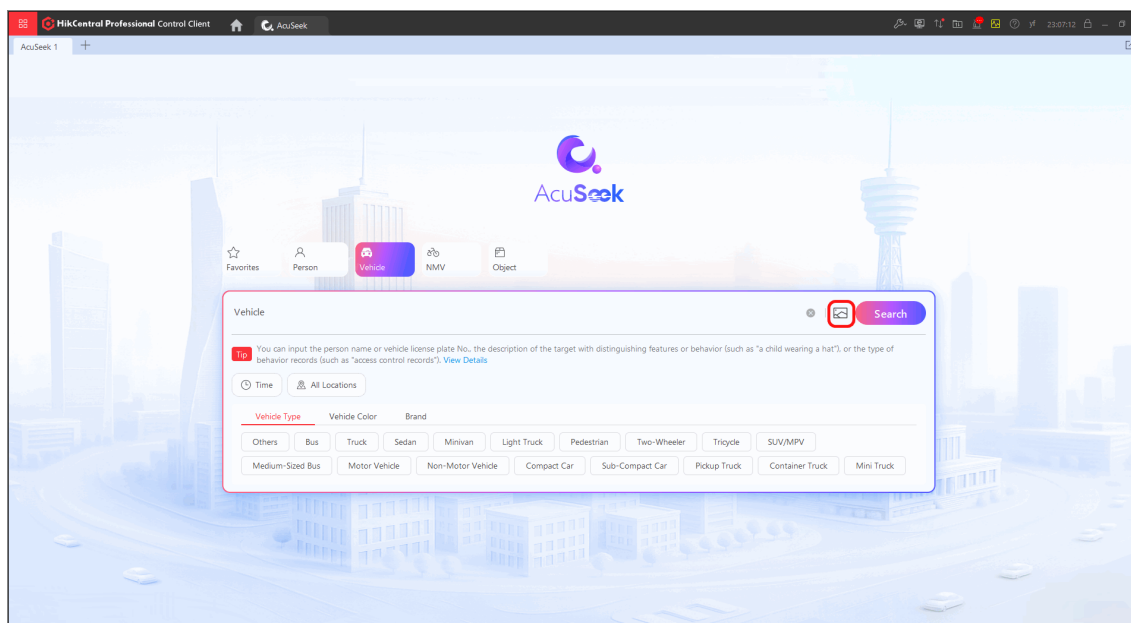


Figure 3-2 Search for Vehicles by Picture

3. (Desktop) Supports the **AcuSeek Tuning** feature. Make the search results more accurate by using this feature.

Optimizations

(Desktop Client) Adds the validity information to the search results for persons.

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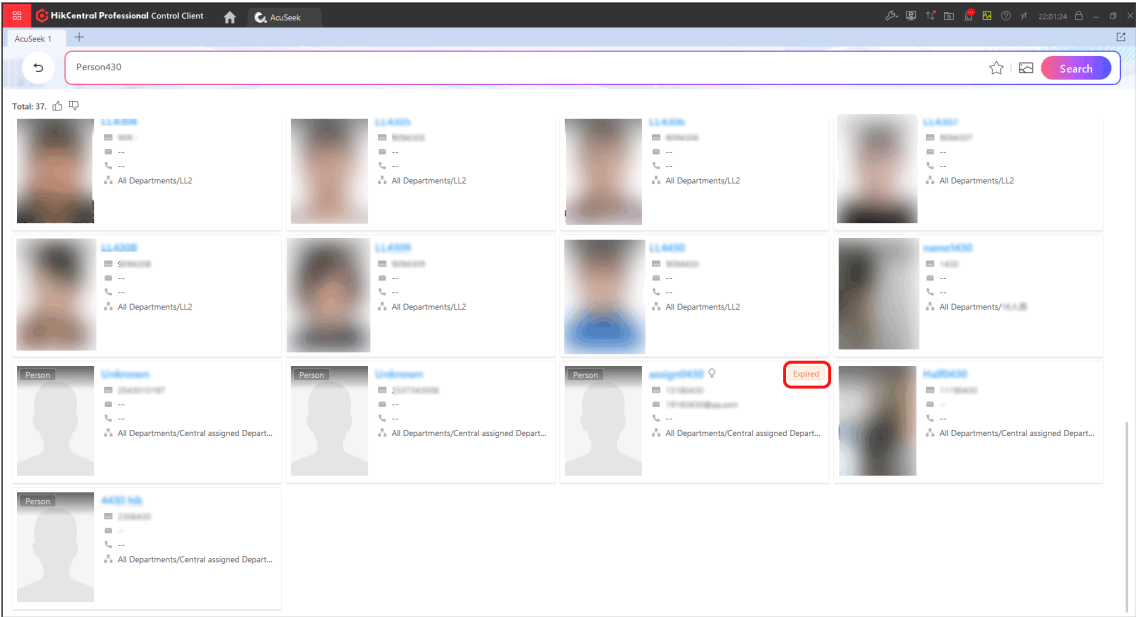


Figure 3-4 Person Expiry Status

Chapter 4 Video Management

4.1 Encoding Device

New Features

- 1. (Web Client) On the camera details page, supports enabling/disabling **AcuSeek**.

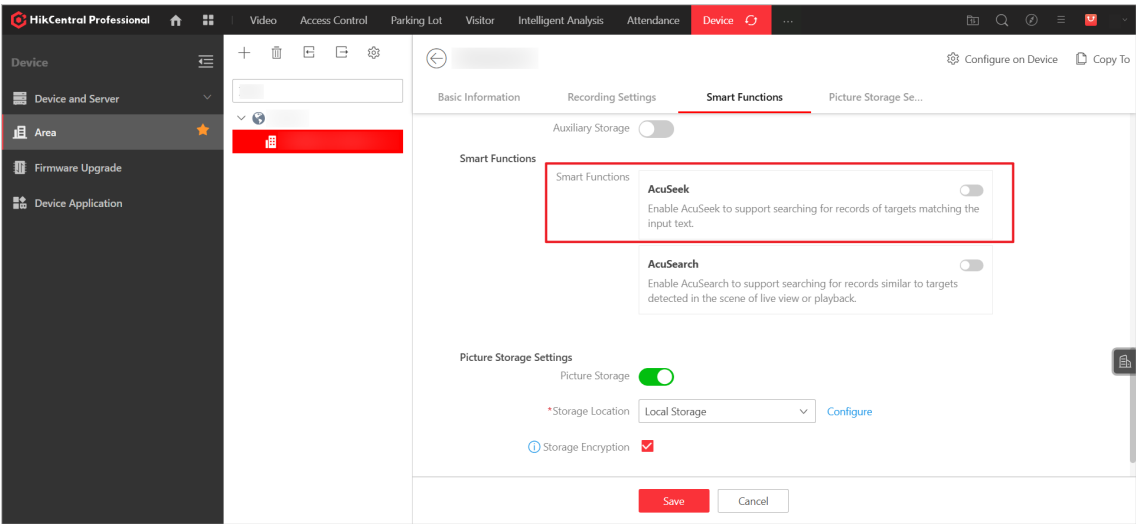


Figure 4-1 Enable AcuSeek

- 2. (Web Client) On the camera details page, for third-party cameras, adds a **Move Recording** button to help you move the recordings of a camera to another camera.

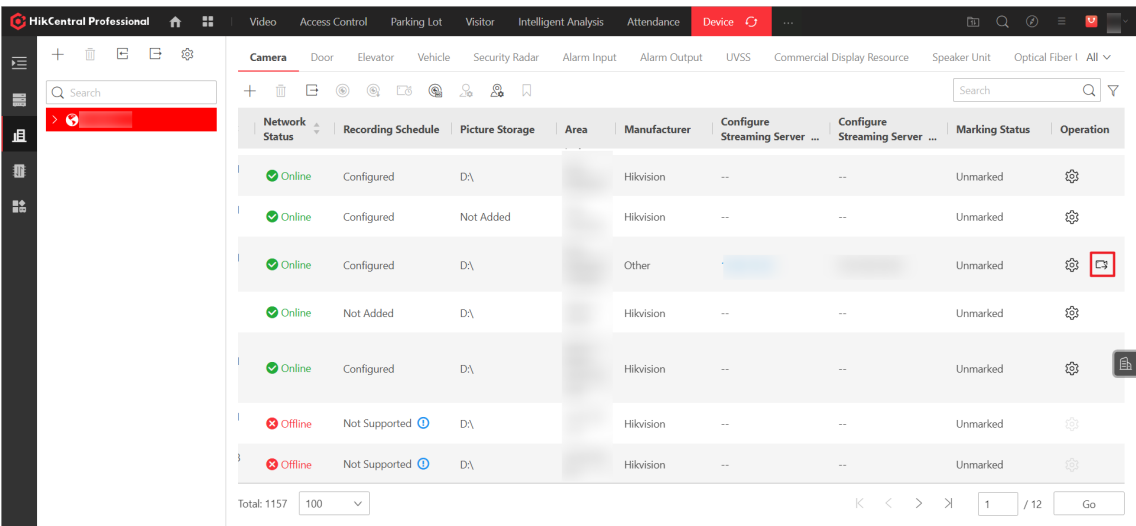


Figure 4-2 Move Recordings

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3. (Web Client) On the **Device → Area → Camera** page, supports clicking  to directly go to the configuration page of cameras linked to an NVR.

Note

- Only M series NVRs with firmware version 5.04.060 or 5.04.070 support the feature.
- NVRs and their linked cameras should be added to the platform via SDK.

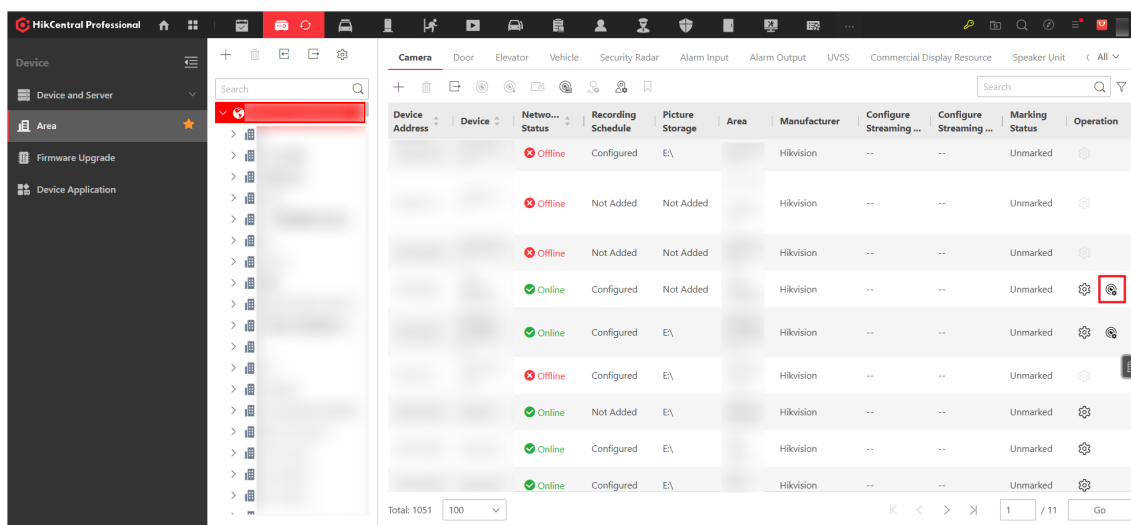


Figure 4-3 Camera Remote Configuration

4. (Web Client) On the **Maintenance → Health Overview → Real-Time Overview → Real-Time Overview** page, adds the operational status of solar-powered cameras. The system displays the number of cameras with each exception and detailed exception information including camera status, battery temperature, power percentage, signal strength, and recording status.

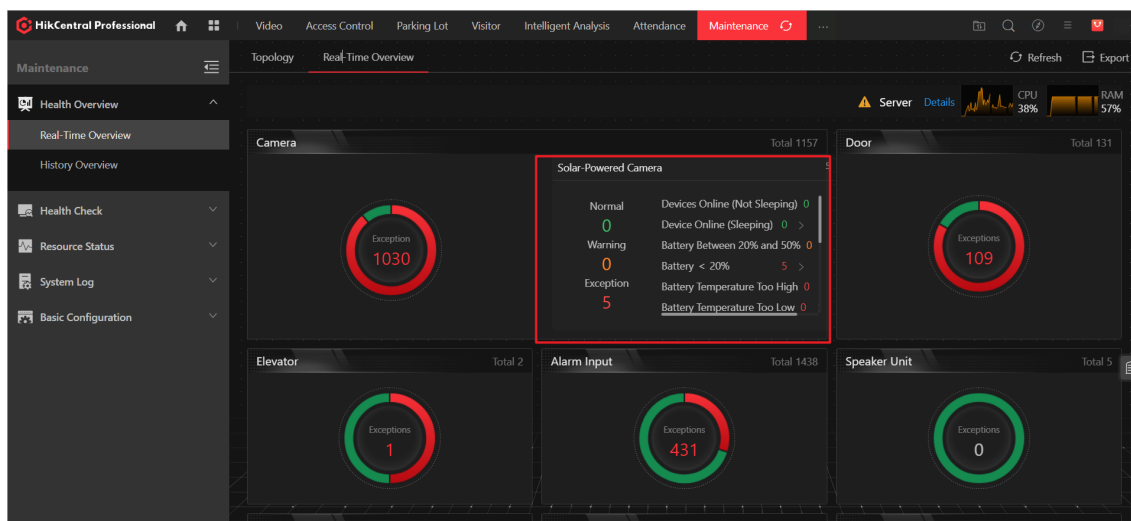


Figure 4-4 Solar-powered Camera Real-time Overview

Optimizations

1. (Web Client) On the **Device → Device and Server → Encoding Device** and **Device → Area → Camera** page, adds alerts for mismatches between platform and device recording schedules. It shows  beside a camera name in the list for quick editing and adds specific status messages (Inconsistent with Device Schedule).

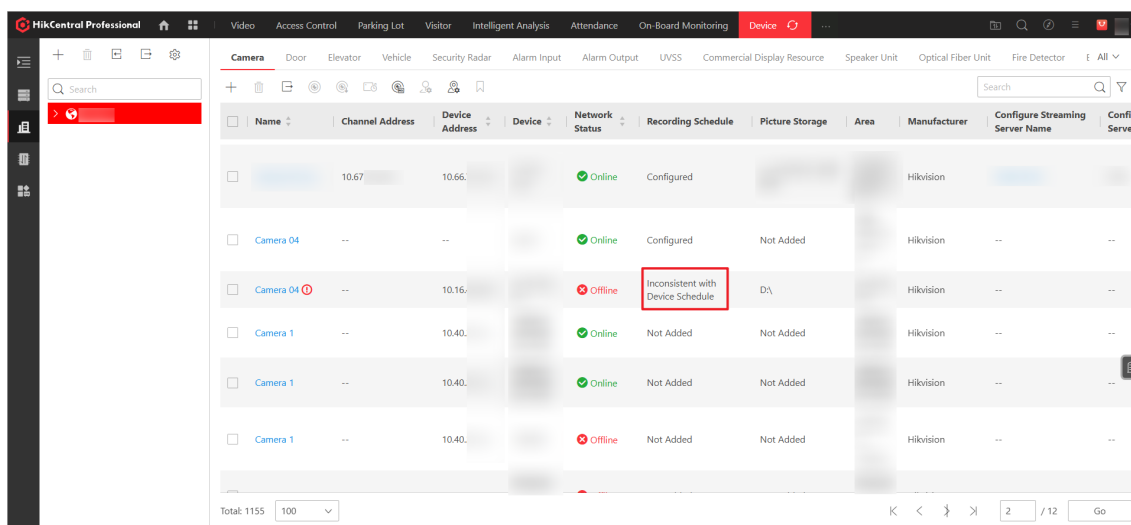


Figure 4-5 Inconsistent Schedule Between Device and Platform

4.2 Live View and Playback

New Features

1. (Control Client) Supports using keyboard shortcuts to control video timeline playback more efficiently. The system configuration page allows setting custom shortcuts for actions like frame-by-frame navigation and speed control, with hover tips displayed on the playback interface.

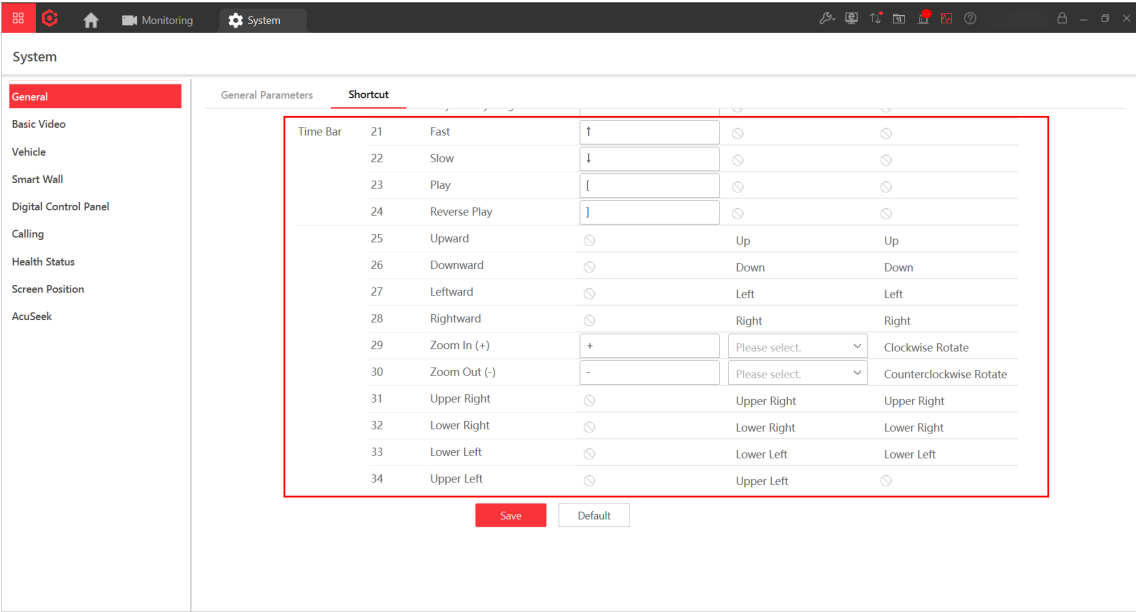


Figure 4-6 Shortcut Settings

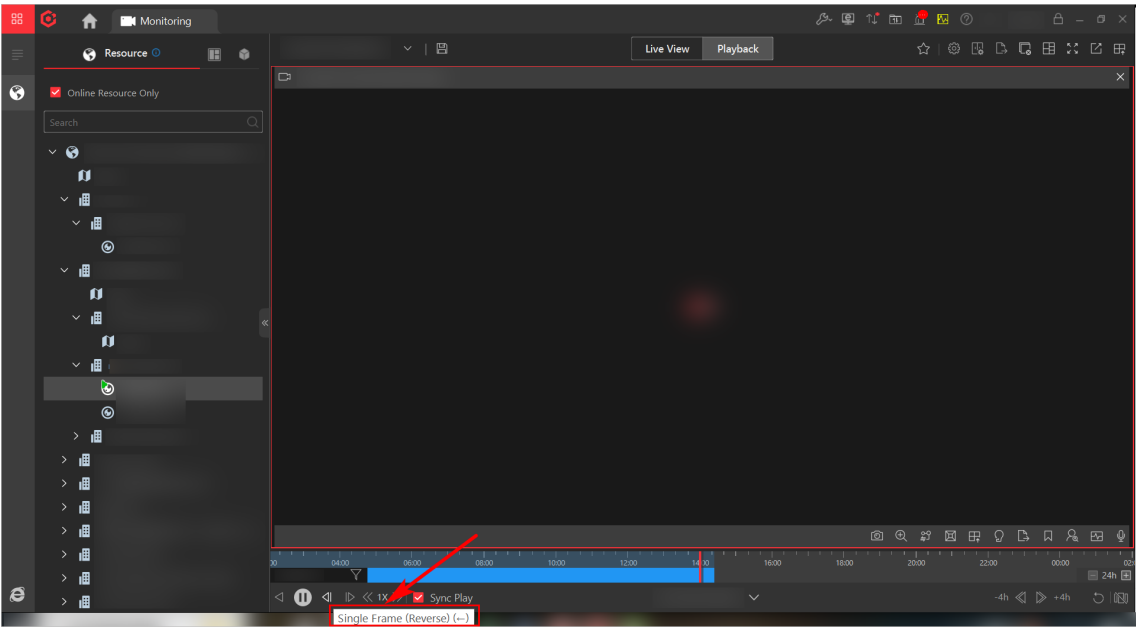


Figure 4-7 Hover to Display Shortcut

- 2. (Web Client) On the Playback page, supports exporting video recordings with the video plug-in installed. The download center displays real-time progress, speed, and remaining time, with support for up to 5 concurrent downloads.

Note

This feature does not support AVI/EXE formats or evidence export.

3. (Web Client & Control Client & Mobile Client) Supports starting live view and playback of high-frame-rate videos (2MP@120fps, 4MP@50/60fps) and clearly capturing fast-moving objects. This is ideal for sports venues and scenarios requiring detailed motion analysis. Make sure you disable **Smart Mode** and set **Video Standard** to 60HZ or 50HZ on the device web page.

Optimizations

1. (Web Client & Control Client) Optimizes the timeline layout with playback controls on the left, calendar in the center, and additional functions on the right. The synchronous/asynchronous playback switch is now a dropdown for easier operation across live view, playback, search, and alarm scenarios.

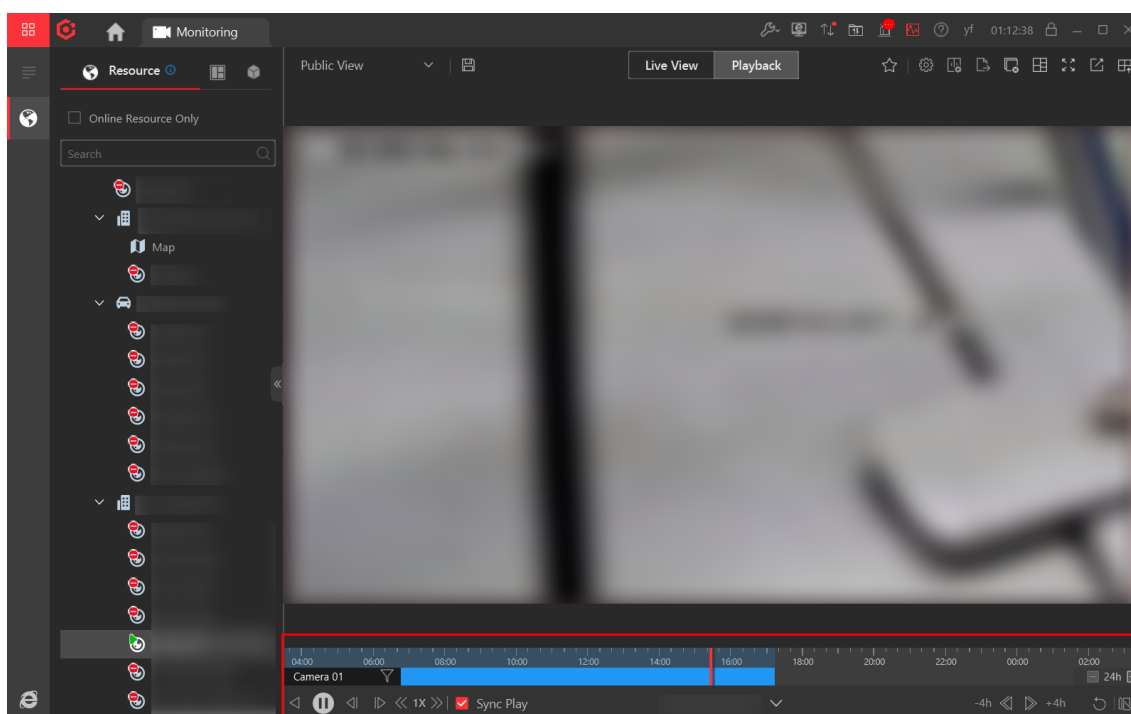


Figure 4-8 Timeline Optimization

4.3 Intelligent Recognition

New Features

1. (Web Client) You can now configure a validity period (start and end time) for each face entry in the library, applicable to faces added via video, platform personnel import, Excel import, and all

other methods. Only faces within their validity period will trigger matching alarms; expired faces will not, effectively reducing irrelevant alerts.

2. (Web Client) Supports viewing, editing and searching for AcuSeek tuning groups. You can now fine-tune the AcuSeek model for specific text search queries, significantly enhancing recognition accuracy for those terms. After tuning searches on the Control Client, the samples will be automatically grouped by text, and the tuned samples are displayed on the Web Client.

Term	Correct Sample	Incorrect Sample	Last Editing Time	Status
☐ man with glass	1	1	11/21/2025, 12:22:15 AM	Insufficient Samples
☐ Search for a person w...	14	17	12/3/2025, 12:00:09 AM	Completed
☐ Person Wearing a Blac...	8	11	12/3/2025, 12:00:10 AM	Completed
☐ Person Wearing a Gra...	9	13	12/3/2025, 12:00:11 AM	Completed
☐ Person Wearing a Blue...	13	7	12/3/2025, 12:00:11 AM	Completed
☐ Person Wearing Glasses	9	12	12/3/2025, 12:00:12 AM	Completed
☐ Person Wearing a Red...	15	14	12/3/2025, 12:00:12 AM	Tuning Failed
☐ Person Wearing a Red...	9	11	12/3/2025, 12:00:13 AM	Completed
☐	50	50	12/3/2025, 12:00:14 AM	Tuning Failed
☐	9	9	12/3/2025, 12:00:14 AM	Completed
☐ Search for person wea...	4	6	12/3/2025, 12:00:15 AM	Completed
☐ Search for a hand cart	4	1	11/26/2025, 11:59:50 PM	Insufficient Samples
☐ Search for a person w...	1	1	11/27/2025, 4:19:31 AM	Insufficient Samples

Figure 4-9 AcuSeek Tuning

Optimizations

1. (Web Client) Supports adding smart analysis tasks more efficiently using simplified categories (person recognition, vehicle analysis, abnormal behavior, and target counting). The system intelligently recommends an analysis device (Camera, DeepinMind NVR, Server, etc.) and allows simultaneous applying a face library to multiple devices.

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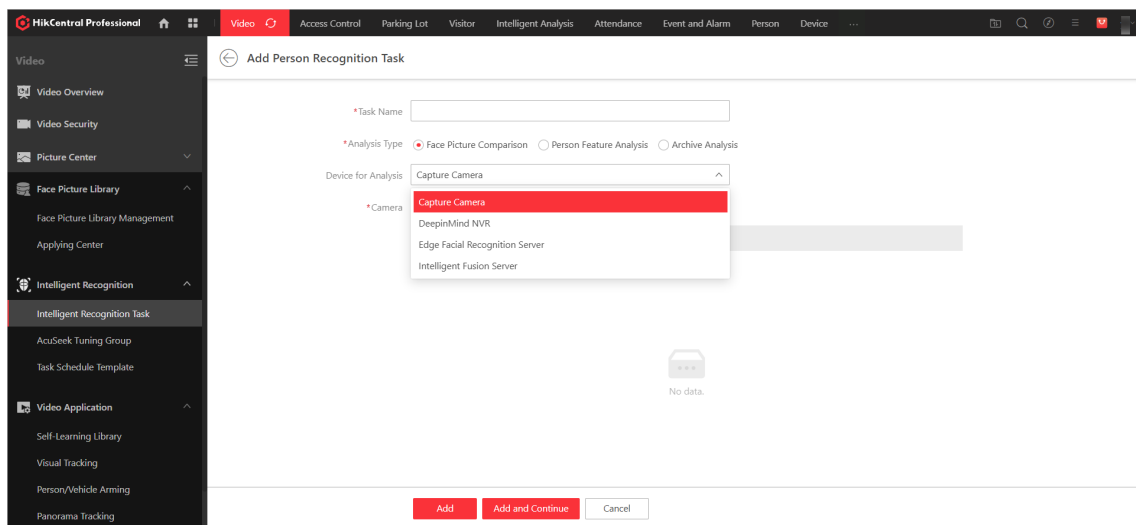


Figure 4-10 Add a Task

2. (Web Client) On the Intelligent Analysis Task page, optimizes the interface for the intelligent analysis task list. Now you can:

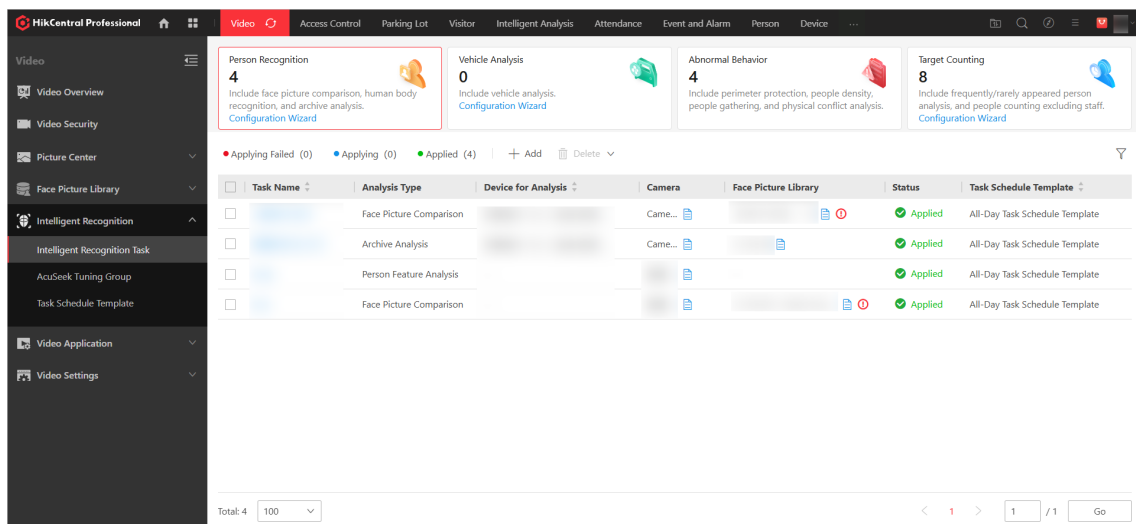


Figure 4-11 Intelligent Analysis Task List

- Click each task name to edit its parameters such as device for analysis and cameras.
- View the analysis type of each task, covering all types supported by the platform, including face picture comparison, person feature analysis, archive analysis, vehicle analysis, abnormal behavior analysis, frequently appeared person analysis, rarely appeared person analysis, and people counting excluding staff.
- View the list of the specific devices and cameras of each task.
- Click  in the Camera column to check the communication protocol (e.g., ISUP, SDK, ONVIF, or manufacturer-specific protocols like Dahua) of each camera.

- e. Click  in the Camera column to quickly identify why applying an intelligent recognition task failed. The system provides specific error messages for each channel (like "Exception occurred when executing the intelligent recognition task") and allows you to filter tasks by status (Applying Failed, Applying, and Applied).
 - f. Filter the task list based on task name, analysis type, device for analysis, and face picture library and view a total count at the bottom.
3. (Web Client) Removes the original applying center of intelligent tasks. Now the entrance is changed to **Face Picture Library** → **Applying Center** .

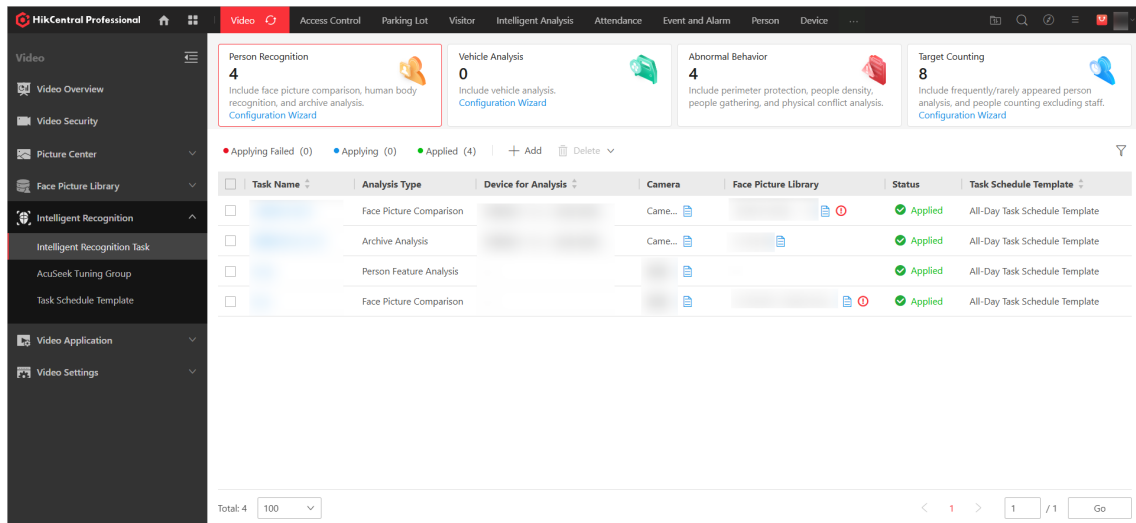


Figure 4-12 Intelligent Analysis Task List

4.4 Maintenance

New Features

(Web Client & Control Client) On the **Maintenance** → **System Log** → **Server Log** page, adds the logs of visual tracking operations including Enter Visual Tracking Mode, Enable Visual Tracking Video, and Save Visual Tracking Video.

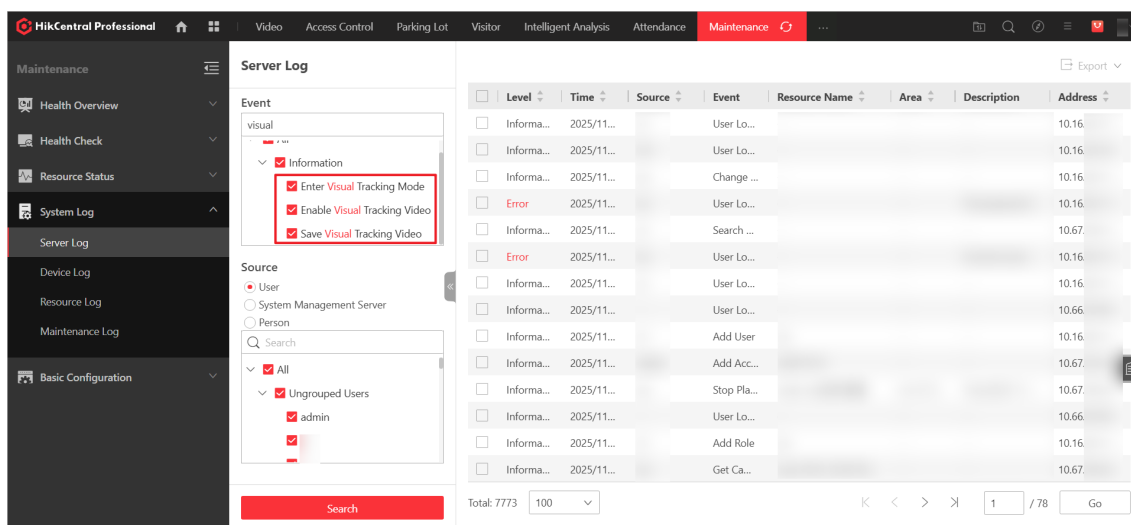


Figure 4-13 Visual Tracking Log

4.5 Non-Plugin Features

(Web Client) Supports more toolbar features without the plugin: stream switching, window division, video enhancement, image rotation, and target display. Supports settings on the Video Security page without the plugin.

Chapter 5 Intelligent Analysis Report

Optimizations

(Web Client) Supports batch configuring opening hours for stores in **Retail Scenario**.

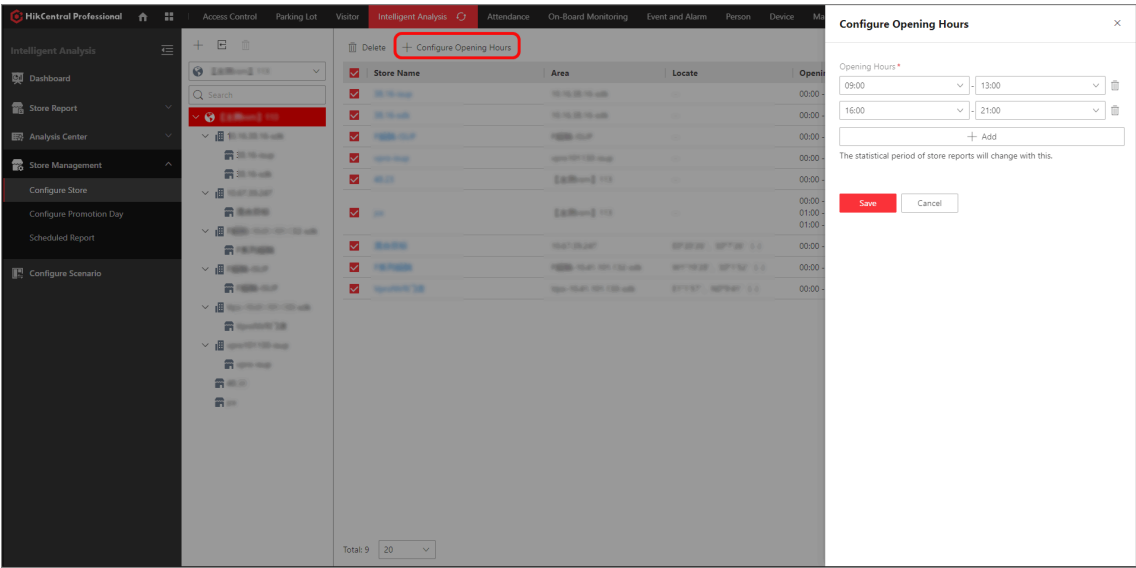


Figure 5-1 Batch Configure Opening Hours

Chapter 6 Parking Management

New Features

1. (Web Client) Supports adding automatic payment machines, allowing the parking fee payment via cash or card. The platform manages these devices' lifecycle, including device adding, maintenance (real-time status monitoring and log search), alarms report, and transaction records synchronization.

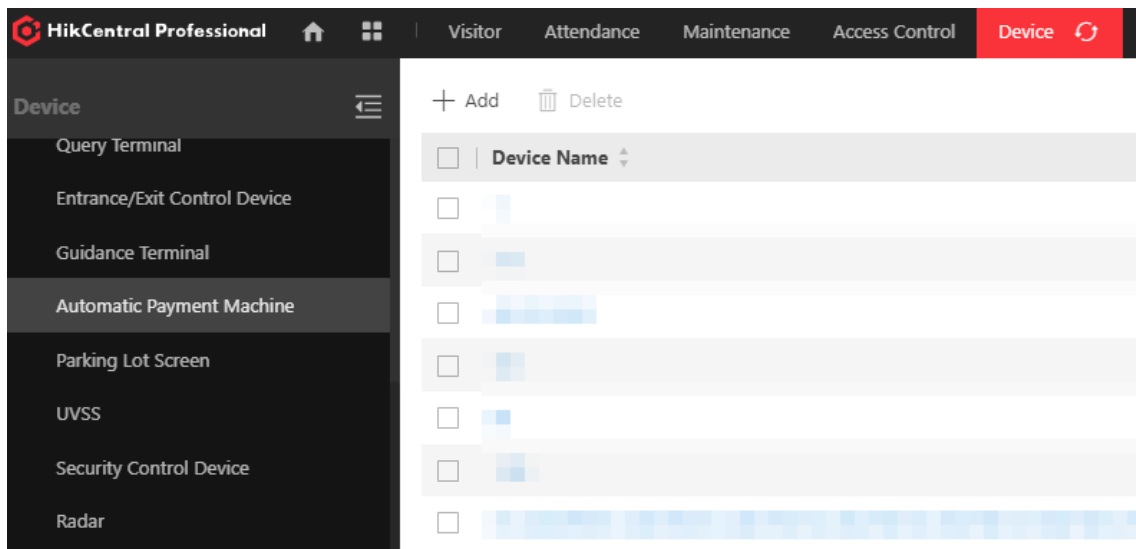


Figure 6-1 Automatic Payment Machine Access

2. (Web Client) Allows users to add inductive loop managers under the Guidance Terminal category. These devices monitor parking space occupancy and automatically report the status to the platform, addressing parking management needs in outdoor scenarios where the camera installation is not feasible.
Supports the maintenance of inductive loop managers and the alarm of low battery of geomagnetic detector.

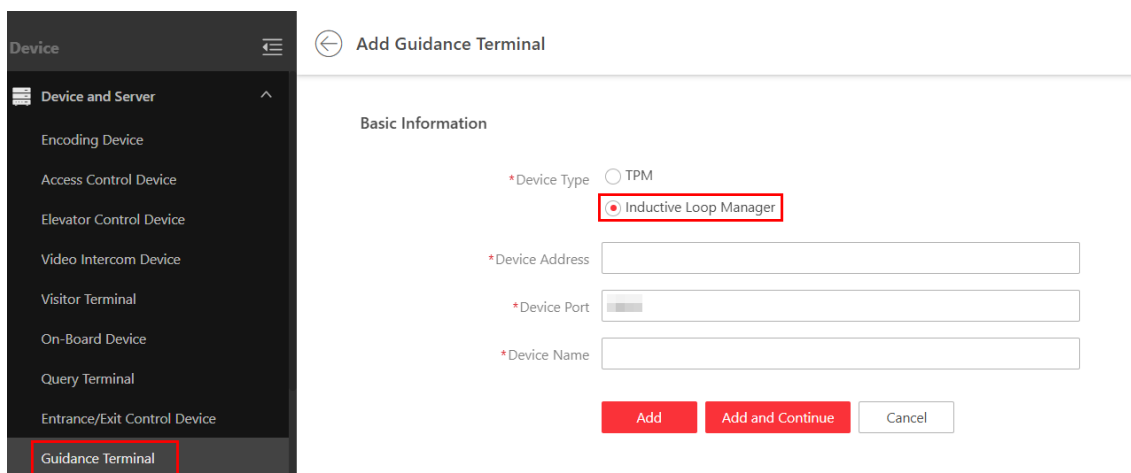


Figure 6-2 Add Guidance Terminal

3. (Web Client) Adds the function of customizing parking receipts.

- In the basic configuration module, adds the Receipt Settings page for adding and managing parking receipt templates.

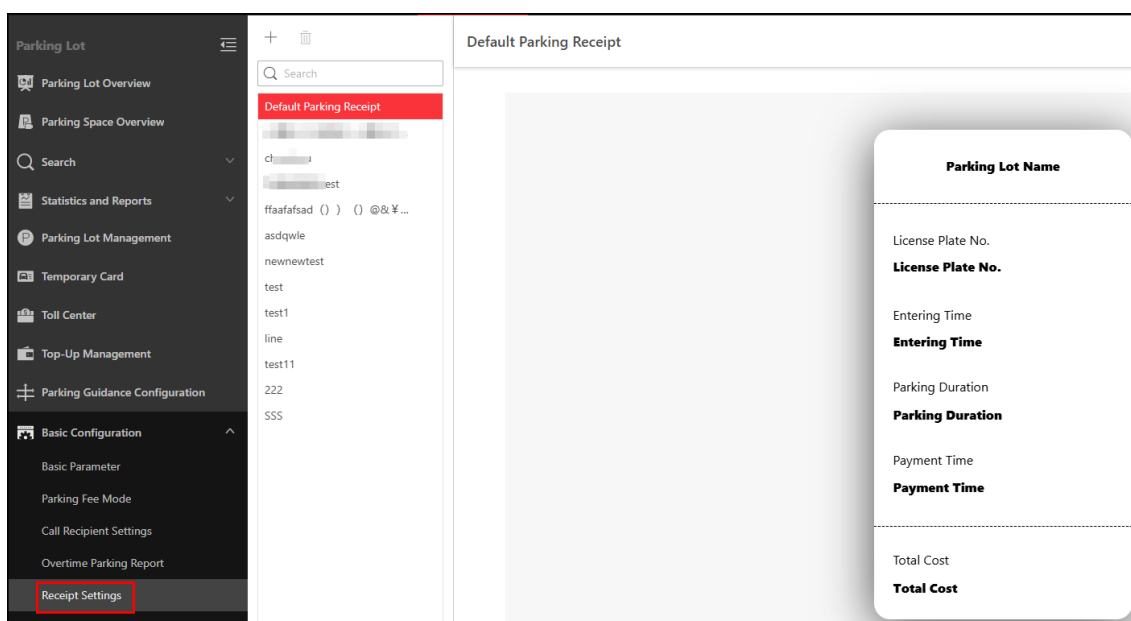


Figure 6-3 Receipt Settings

- Supports selecting the parking receipt template for a parking lot on the additional configuration pane of parking fee rules.

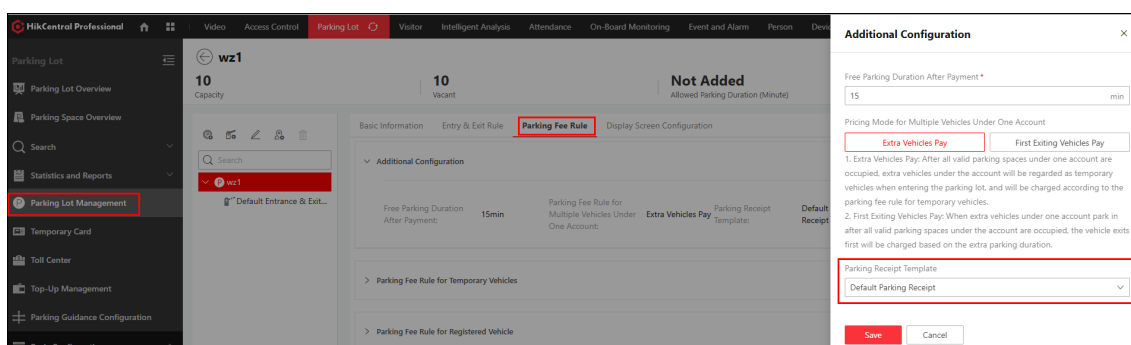


Figure 6-4 Additional Configuration

- (Web Client) On the parking guidance configuration page of a parking lot, adds a configuration entry for parking space lights-out schedules.

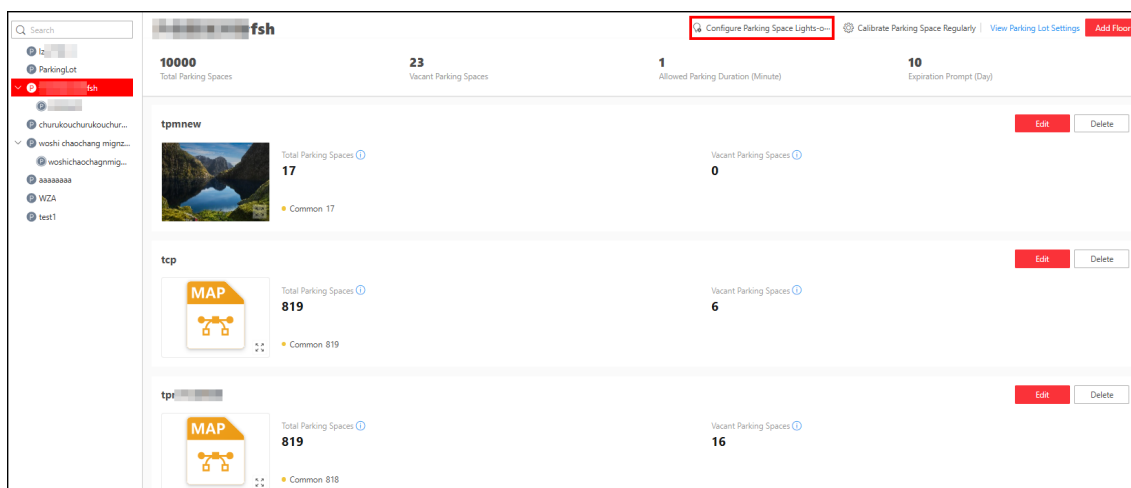


Figure 6-5 Configure Parking Space Lights-out Time

Optimizations

- (Web Client) Supports synchronizing parking lot resources (including parking lot information, lanes, and entrances/exits) of remote sites to the Central System to enable centralized parking management across multiple locations. Functions include parking spaces real-time monitoring via site-linked cameras, simultaneous viewing of resources from multiple remote sites, remote barrier control, receiving calls forwarded from remote sites, and consolidation of real-time vacancy data for operational analysis.
- (Web Client) The parking space parking rule (allow parking/no parking) is applied to all vehicles by default. Now, you can specify allowed vehicles or prohibited vehicles for a parking space under each rule type.

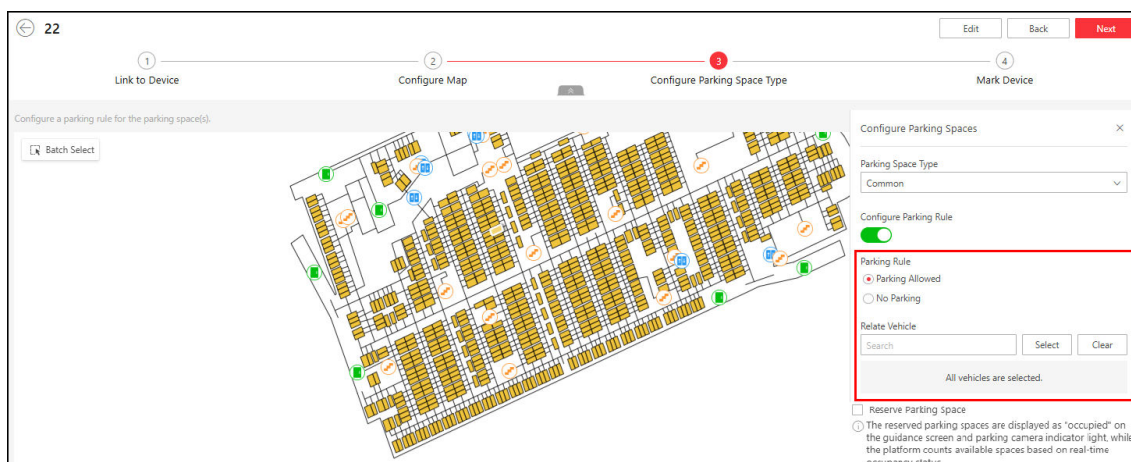


Figure 6-6 Configure Parking Floor

3. (Web Client) Supports adding and configuring parking space screens that are ceiling mounted to display real-time information such as the parking space status and reserved license plate number.

- On the Add Parking Lot Screen page, adds the device type: Parking Space Screen.
- In the "Mark Device" step of the parking guidance configuration, adds a subtype "Parking Space Screen" to the category "Display Screen".

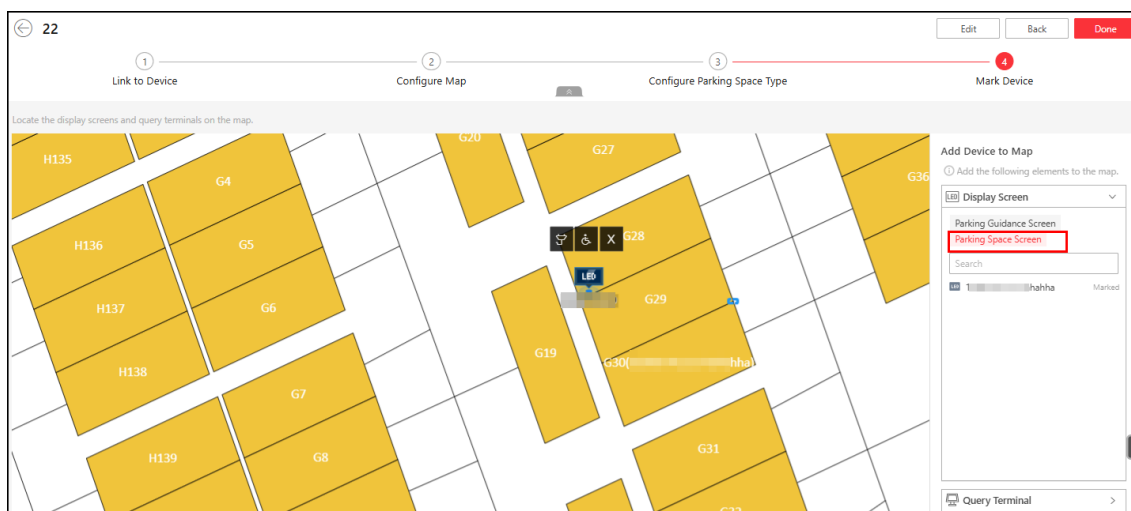


Figure 6-7 Mark Device on Map

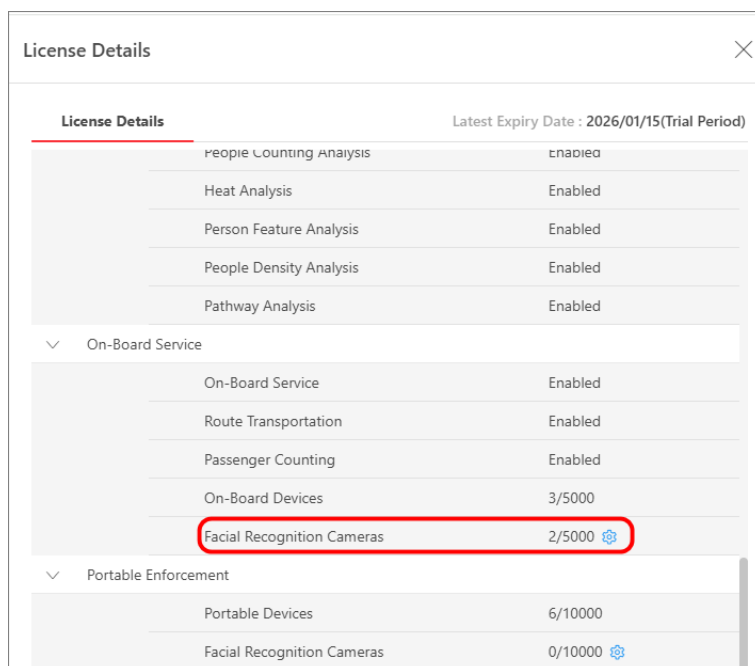
4. (Web Client & Control Client) The **Maintenance → History Overview** page supports displaying data of entrance/exit control devices and guidance terminals in remote sites.
5. (Web Client) When replacing vector maps, the platform now automatically retains parking space configurations and device marking data, avoiding duplicate work and improving efficiency.

6. (Web Client & Control Client) On the Payment Record Search page, adds "Automatic Payment Machine" as a payment source and "POS" as a payment method in search conditions.
7. (Web Client) On the Transaction Report page, adds the analysis of revenue sources and payment methods for temporary vehicles.

Chapter 7 On-Board Monitoring

The feature enhancements are as follows:

1. (Web Client & Control Client & Mobile Client) Support adding a new dash cam: AE-DI5052-G40 Pro. Refer to the Compatibility List for details.
2. (Web Client & Control Client) Add a driver status monitoring event on the Driving Monitoring page and Event & Alarm page: Face Mismatched Event.
3. (Web Client) Licenses are required for network cameras connected to mobile DVRs/dash cams for facial recognition.



License Details		Latest Expiry Date : 2026/01/15(Trial Period)
People Counting Analysis	Enabled	
Heat Analysis	Enabled	
Person Feature Analysis	Enabled	
People Density Analysis	Enabled	
Pathway Analysis	Enabled	
On-Board Service		
On-Board Service	Enabled	
Route Transportation	Enabled	
Passenger Counting	Enabled	
On-Board Devices	3/5000	
Facial Recognition Cameras	2/5000	
Portable Enforcement		
Portable Devices	6/10000	
Facial Recognition Cameras	0/10000	

Figure 7-1 Facial Recognition Camera License

4. (Web Client) Support checking the face picture application status in the Face Picture Application Center after linking new drivers to vehicles or modifying existing profile pictures.
5. (Web Client) Support setting icons for the following vehicle types: Default, Bus, Truck, and Sedan.

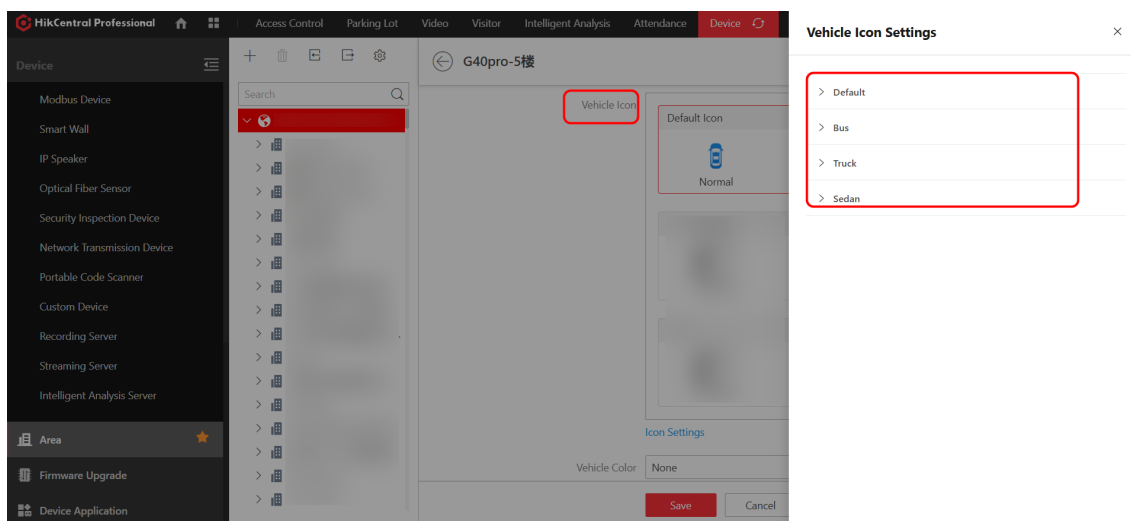


Figure 7-2 Set Vehicle Icon

6. Support a new encryption method (AES256) when adding an on-board device.

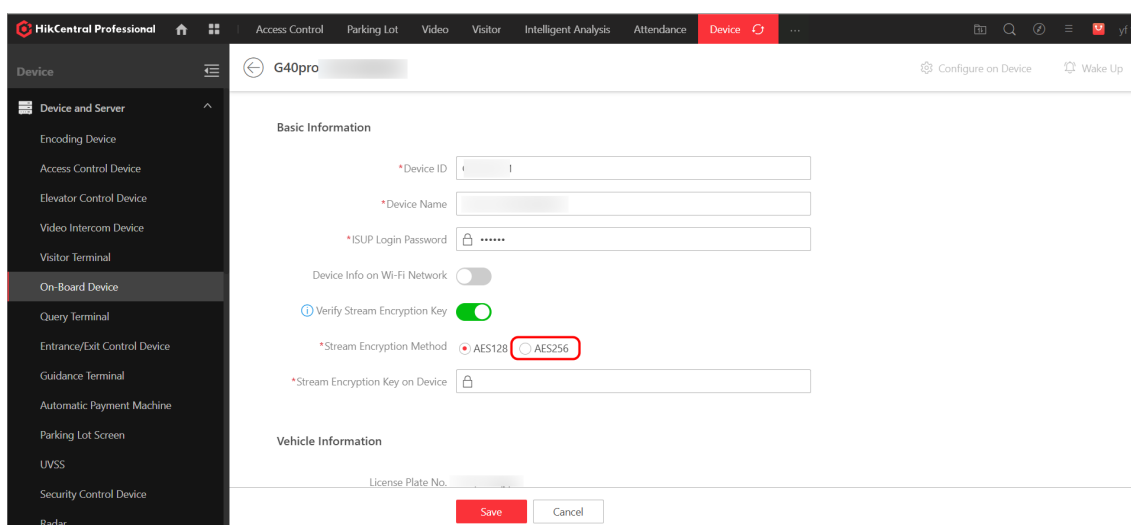


Figure 7-3 New Encryption Method

7. (Web Client) For dash cams (AE-DI5052-G40 Pro), support displaying the current SIM card on the Maintenance page.

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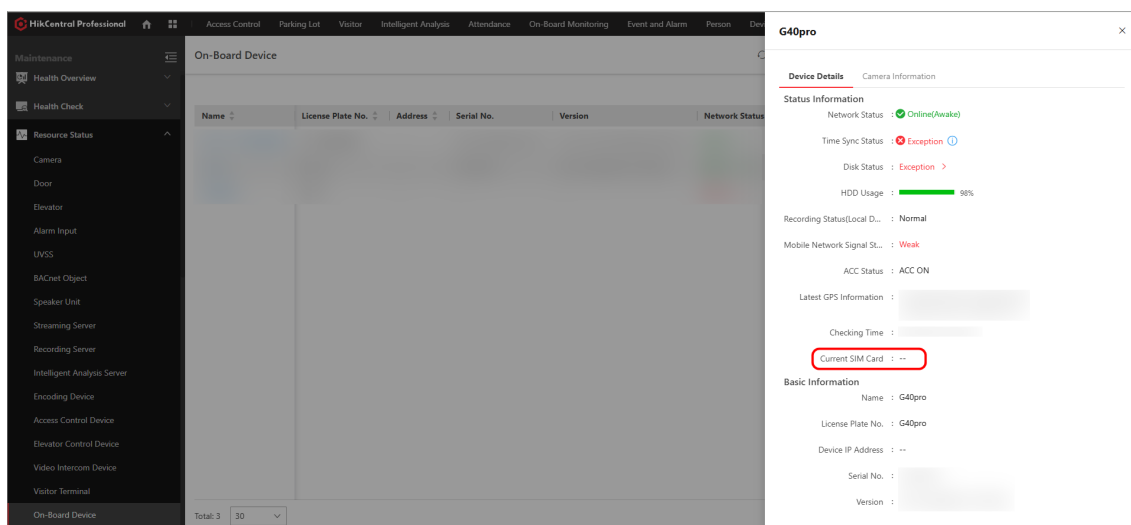


Figure 7-4 Current SIM Card

- (Web Client) Supports displaying the status of resigned or expired drivers.
- Supports replacing an offline/failed device with a matching model. Ensure the new device shares the same platform access information with the old one.

Chapter 8 Portable Enforcement

The feature enhancements are as follows:

1. (Web Client) Support searching for files by dock station.

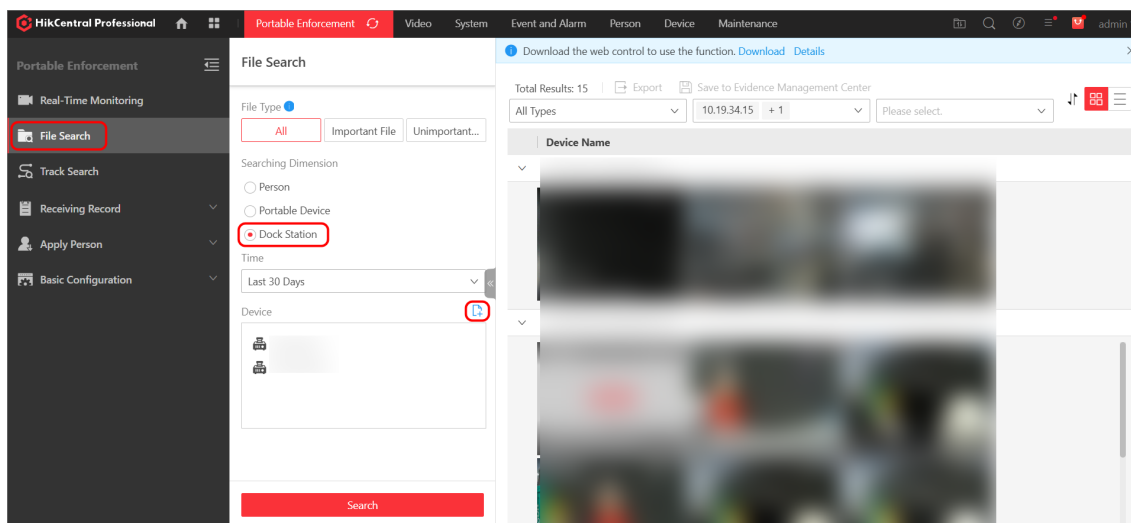


Figure 8-1 Search by Dock Station

2. (Web Client) Support track search by device. This feature allows users to quickly locate devices without relying on personnel information.

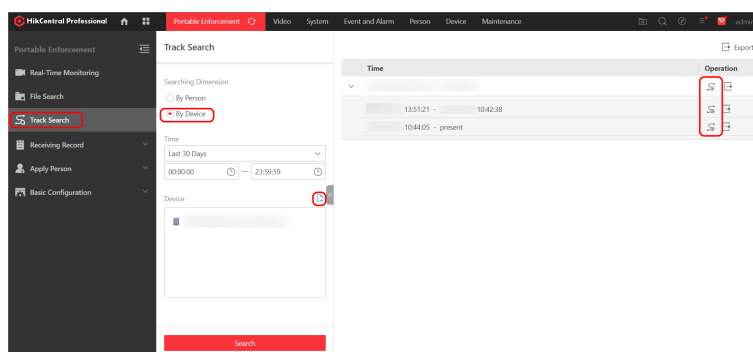


Figure 8-2 Track Search by Device

3. (Web Client) Support remotely start or stop portable device recording on the Real-Time Monitoring page and the Device page. This feature allows command center staff to instantly manage on-site recording in emergencies, ensuring both evidence collection and officer privacy.
4. (Web Client) Support applying up to 3,000 persons to a dock station.
5. (Web Client) Support searching for device logs for dock stations on the Maintenance page.

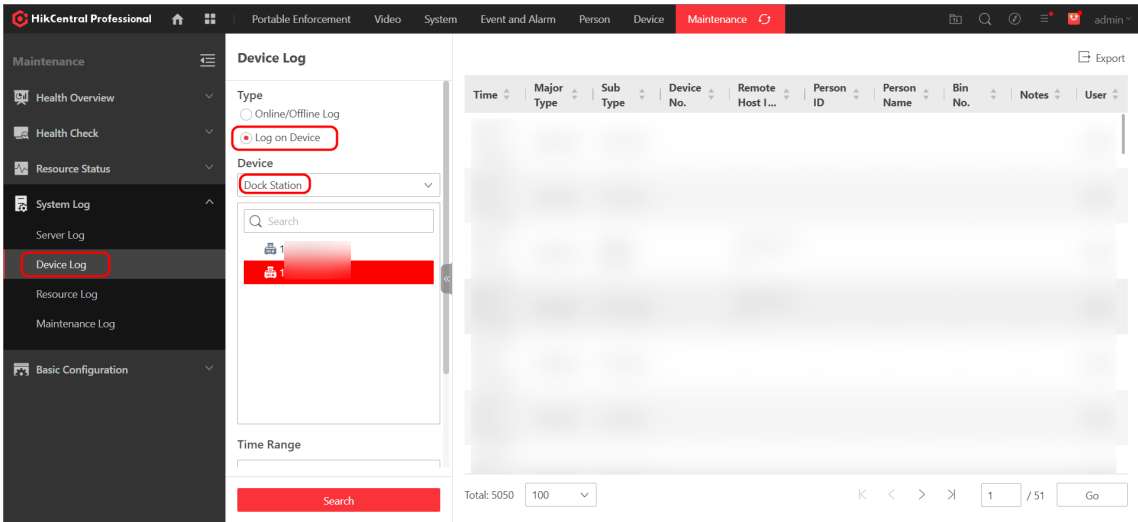


Figure 8-3 Dock Station Log

6. (Web Client) Support editing the portable device receiving mode on dock stations.

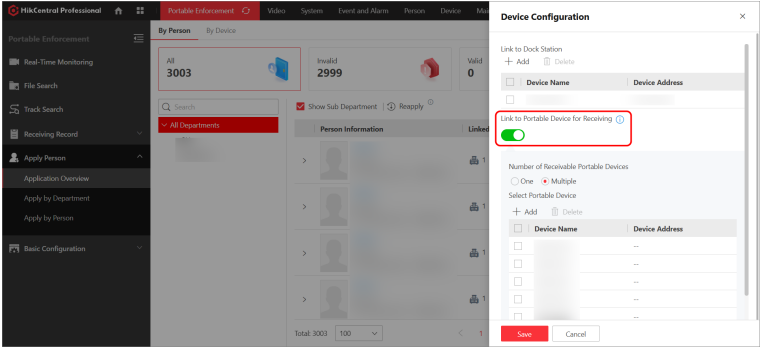
Mode	Description
Linkage	Persons are linked to a dock station and portable devices. 
Random	Persons can receive any portable devices.

Figure 8-4 Link to Portable Device for Receiving

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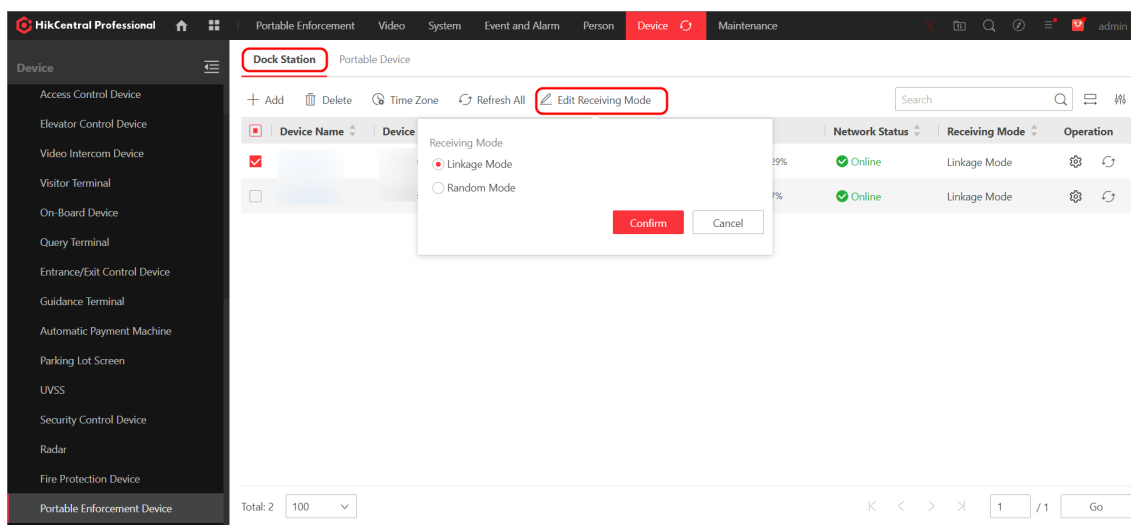


Figure 8-5 Change Receiving Mode

7. (Web Client) Support setting the video frame rate of portable devices.
8. (Web Client) Support APN settings of portable devices.

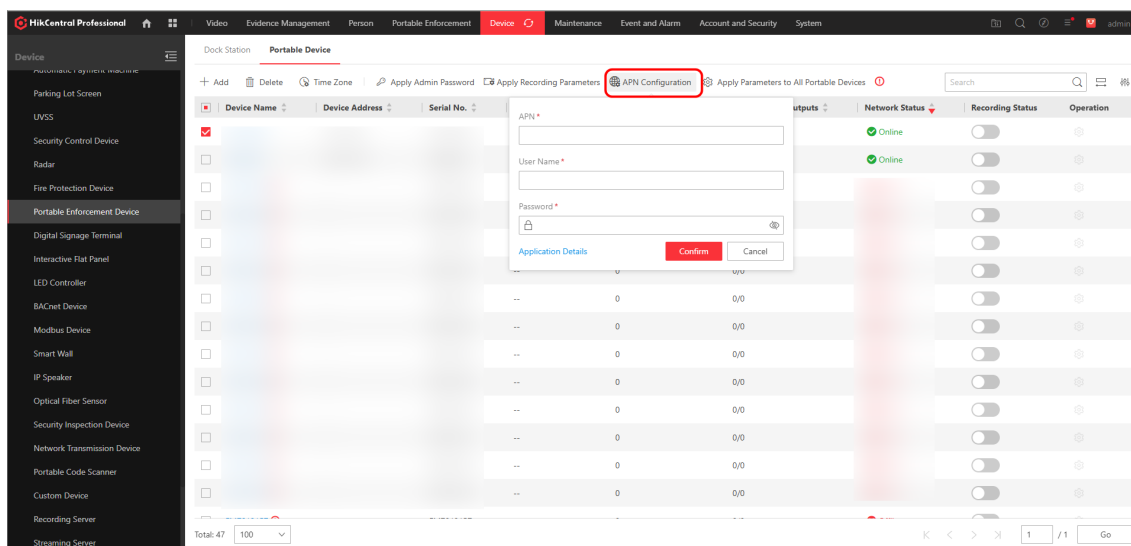


Figure 8-6 APN Settings

9. (Web Client) Support real-monitoring by portable device. This allows quick location and video retrieval based on the device itself, solving device tracking difficulties caused by inconsistent personnel management.

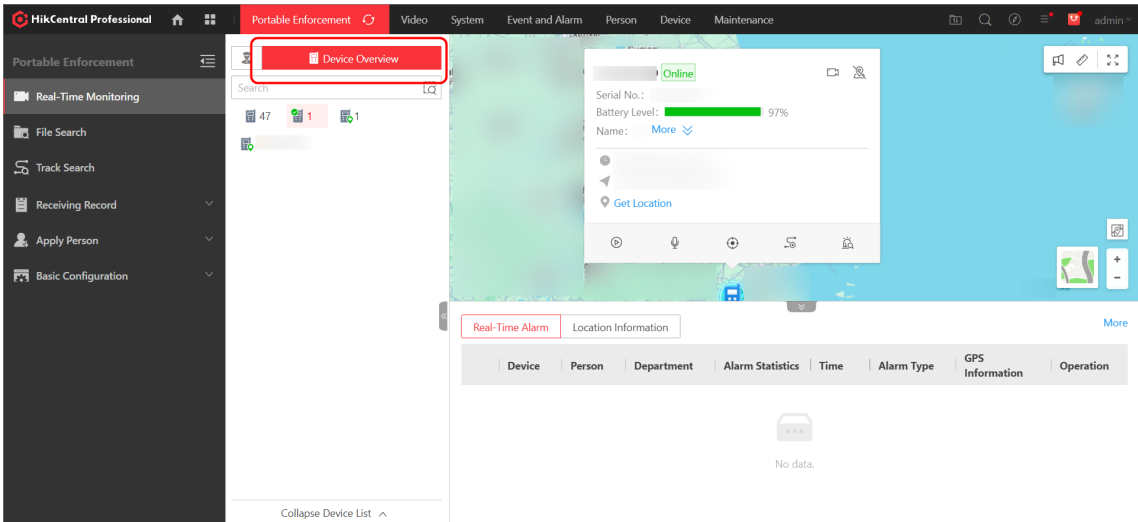


Figure 8-7 Real-Time Monitoring by Device

10. (Web Client) Support face picture comparison for Android portable devices. Captured face pictures can be compared against a face picture library by an intelligent fusion server, enabling rapid identification of suspicious individuals during events like huge concerts.
- a. Apply for licenses for face picture comparison.

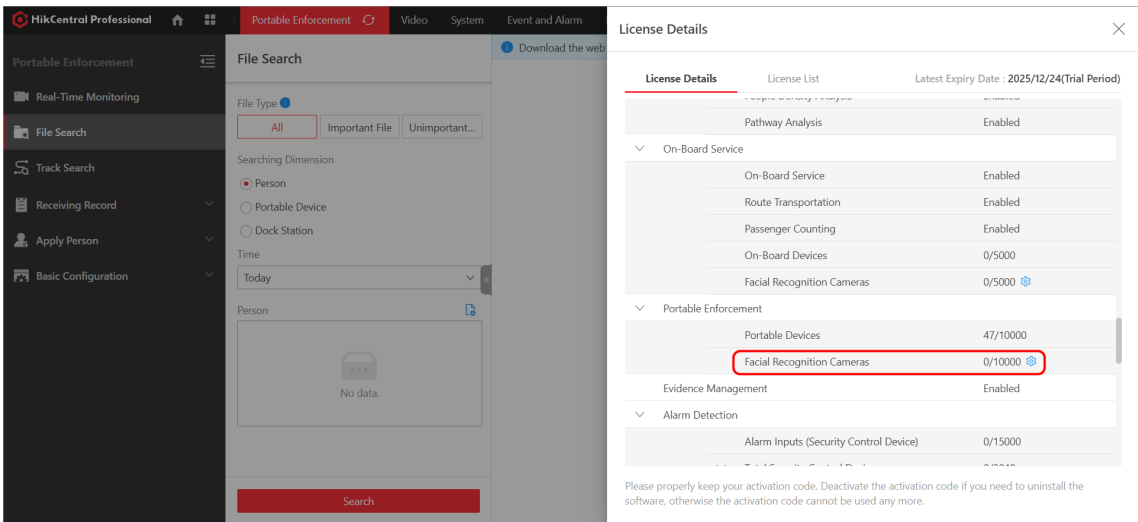


Figure 8-8 Apply for License

- b. Configure an intelligent recognition task on the Intelligent Recognition Task page.

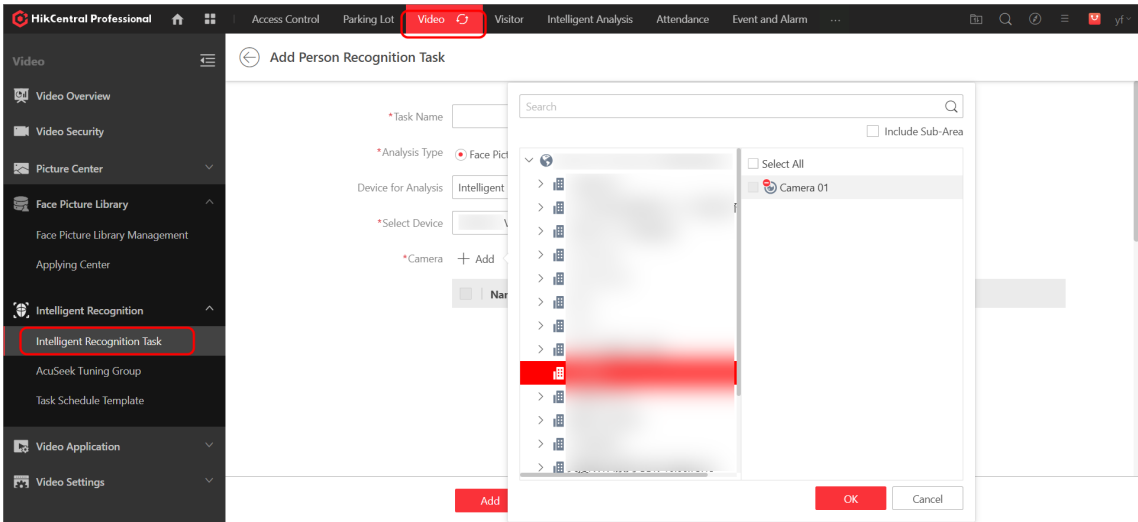
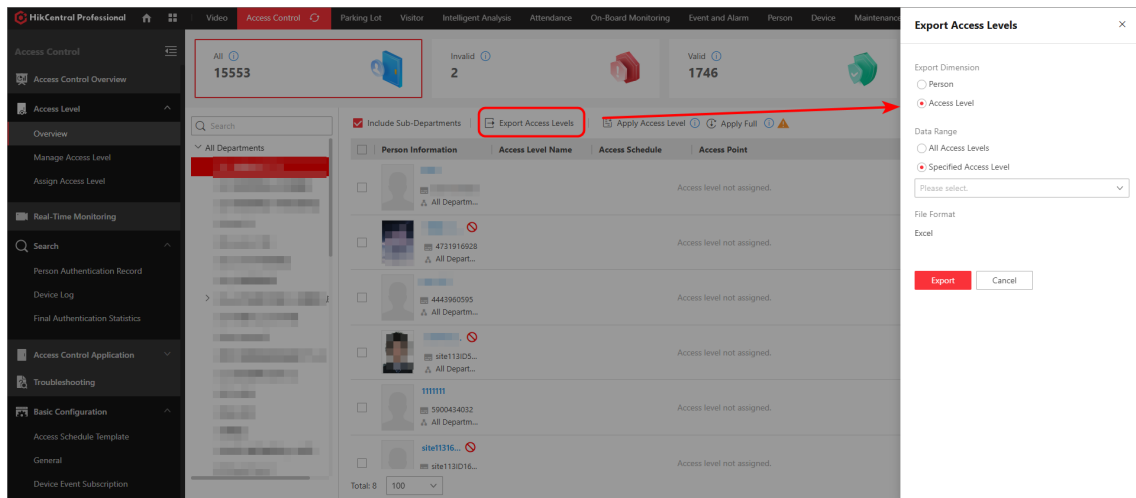


Figure 8-9 Configure Face Picture Comparison Task on Video Page

Chapter 9 Access Control

New Features

1. (Web Client) On the Overview page, supports exporting a list of access levels and their linked person information in Excel format.



Statistics Data (Details)					
Access Lev	Site Name	Door	Person No	First Name	Last Name Department
4		Floor 01;Floor 02;Floor 03;Floor 04;Floor 05;Floor 06;Floor 07;Floor 08;Floor 09;Floor 10;Floor 11;Floor 12;Floor 13;Floor 14;Floor 15;Floor 16;Floor 17;Floor 18;Floor 19;Floor 20;Floor 21;Floor 22;Floor 23;Floor 24;Floor 25;Floor 26;Floor 27;Floor 28;Floor 29;Floor 30;Floor 31;Floor 32	80014839	namea4839	All Departments>
			80014838	namea4838	All Departments>
			80014837	namea4837	All Departments>
			80014836	namea4836	All Departments>
			80014835	namea4835	All Departments>
			80014834	namea4834	All Departments>
			80014833	namea4833	All Departments>
			80014832	namea4832	All Departments>
			80014831	namea4831	All Departments>
			80014830	namea4830	All Departments>
			80014829	namea4829	All Departments>
			80014828	namea4828	All Departments>
			80014827	namea4827	All Departments>
			80014826	namea4826	All Departments>
			80014825	namea4825	All Departments>
			80014824	namea4824	All Departments>
			80014823	namea4823	All Departments>
			80014822	namea4822	All Departments>
			80014821	namea4821	All Departments>
			80014820	namea4820	All Departments>
			80014819	namea4819	All Departments>
			80014818	namea4818	All Departments>
			80014817	namea4817	All Departments>

Figure 9-1 Export Access Level

2. For the Bluetooth-enabled door opening mode:
 - a. (Mobile Client) Allows admin accounts to choose the Bluetooth-enabled door opening mode.

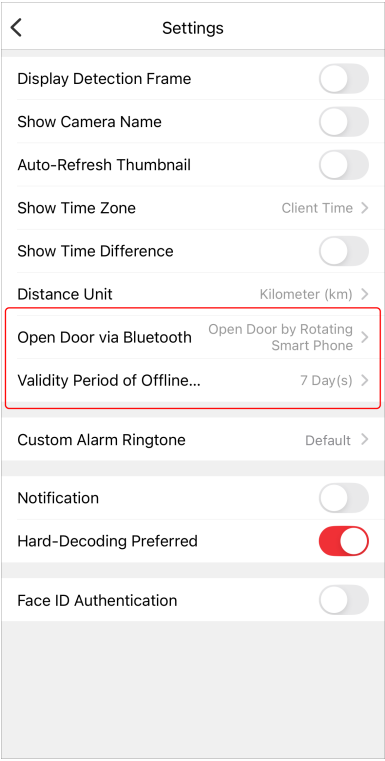


Figure 9-2 Admin Account

- b. (Web Client) On the General page, adds a Bluetooth-enabled door opening mode **Wave to Open Door**.

The screenshot displays the 'General' configuration page for 'Access Control' in the HikCentral Professional V3.1.0 Web Client. The left sidebar contains a navigation menu with the following items: 'Access Control' (selected), 'Access Level', 'Real-Time Monitoring', 'Search', 'Access Control Application', 'Troubleshooting', 'Basic Configuration', 'Access Schedule Template', 'General', and 'Device Event Subscription'. The main content area is titled 'General' and includes the following settings:

- Synchronize Records (Scheduled)**: A toggle switch for 'Synchronize (Scheduled)' is currently turned off.
- Card No. Authentication Settings**:
 - 'Card No. Authentication' is a toggle switch that is turned on (green).
 - 'Card No. Authentication Mode' is a dropdown menu set to 'Full Card No.'.
- Open Door via Bluetooth**:
 - 'Door Opening Mode' has three radio button options:
 - 'Open Door when Getting Close' (unselected)
 - 'Open Door by Rotating Smart Phone' (unselected)
 - 'Wave to Open Door' (selected and highlighted with a red box)
 - 'Open Door Manually' (unselected)
- Offline Unlocking**:
 - 'Validity Period of Offline Unlocking' is a dropdown menu set to '7 Days'.

A red 'Save' button is located at the bottom right of the configuration area.

Figure 9-3 Wave to Open Door (Web Client)

- c. (Mobile Client) After configuring the setting on the Web Client or Mobile Client, employees can unlock the door simply by waving at a reader, without taking out phones.

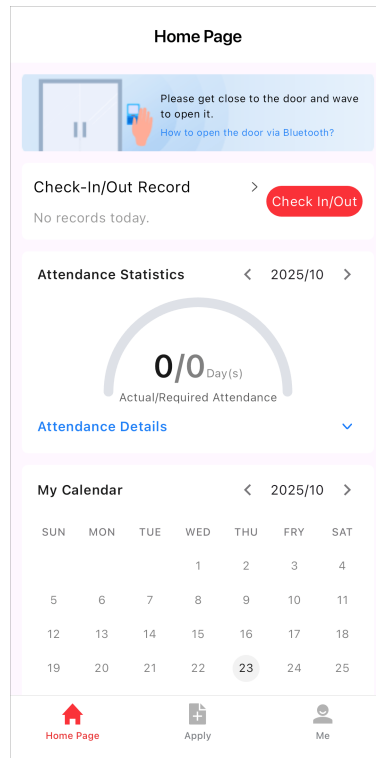


Figure 9-4 Wave to Open Door (Mobile Client)

3. (Web Client) On the Real-Time Monitoring page, supports filtering resources by device type: **All Devices**, **Door**, **Barrier Gate**, **Elevator**, and **Sliding Gate Opener**.

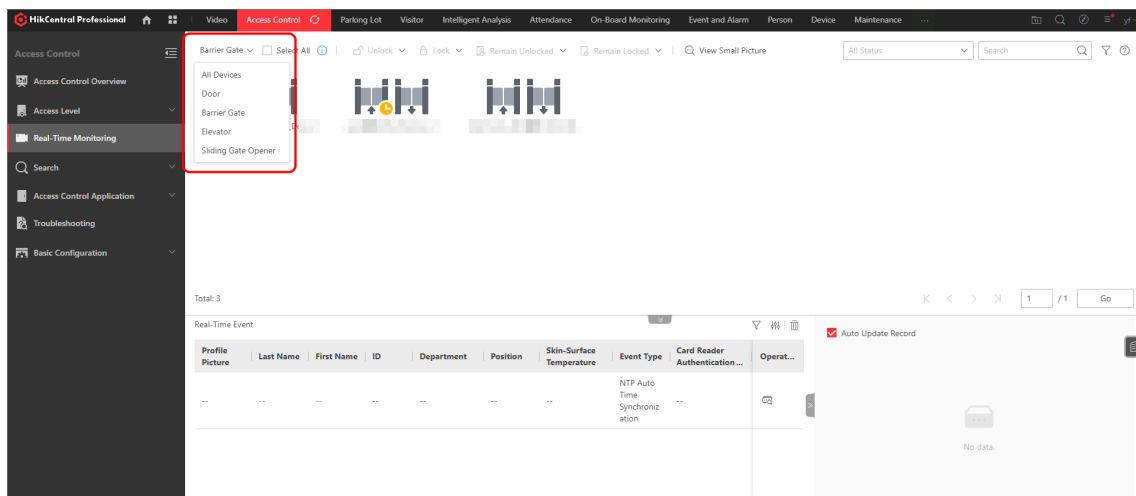


Figure 9-5 Filter by Device Type

- a. (Web Client) Barrier Gate supports the following operations: Unlock, Lock, Remain Unlocked, Remain Locked.

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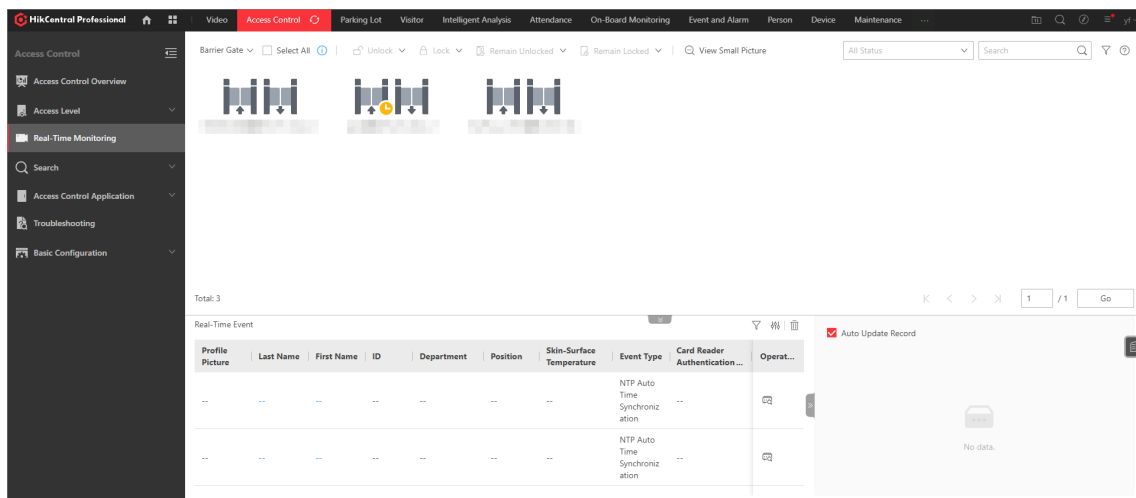


Figure 9-6 Barrier Gate

b. (Web Client) Sliding Gate Opener can be controlled to the following statuses:

-  : Trigger
-  : Pedestrian
-  : Lock
-  : Unlock
-  : Locked Open
-  : Cancel Remaining Open

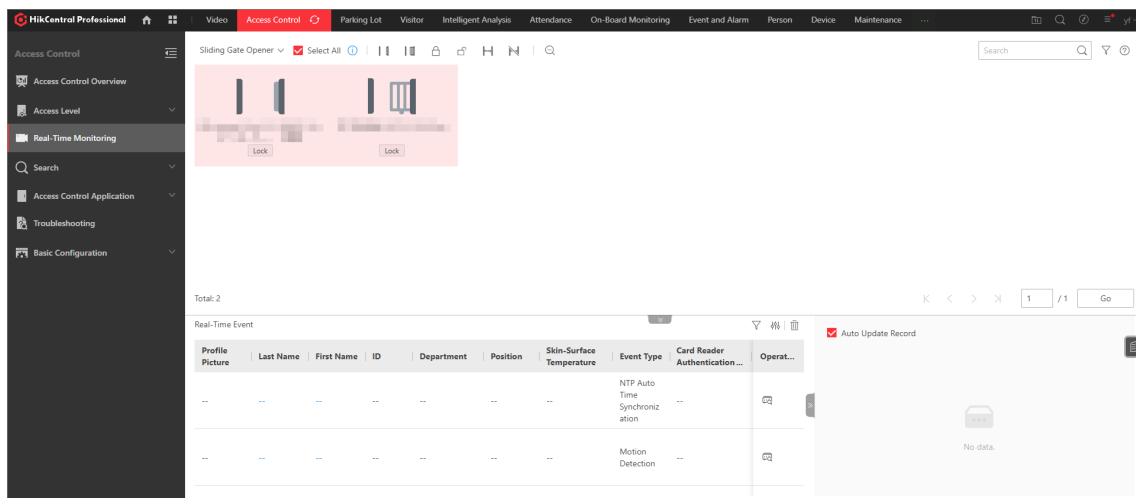


Figure 9-7 Sliding Gate Opener

4. On the Person Authentication Record and Troubleshooting page, adds a credential Keyfob.

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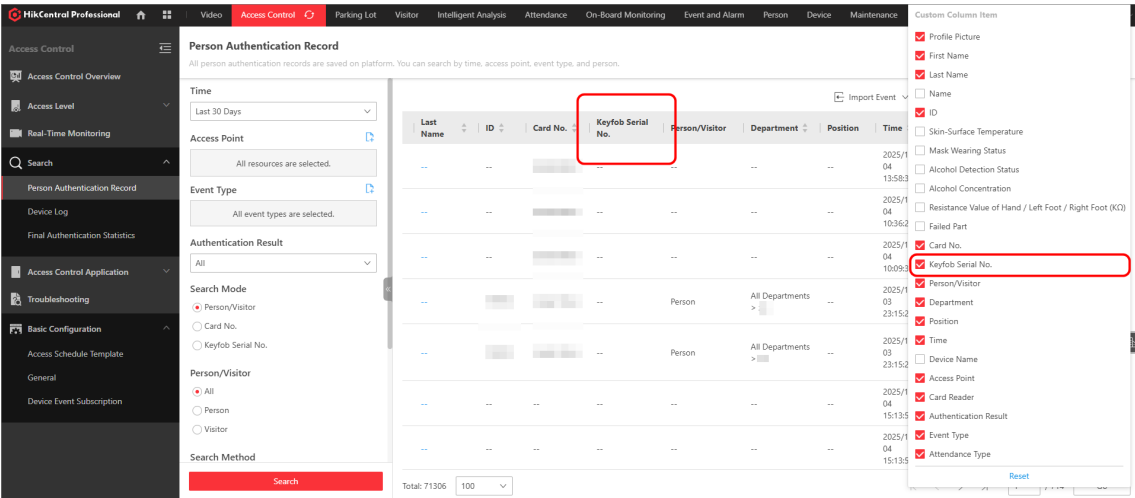


Figure 9-8 Person Authentication Record

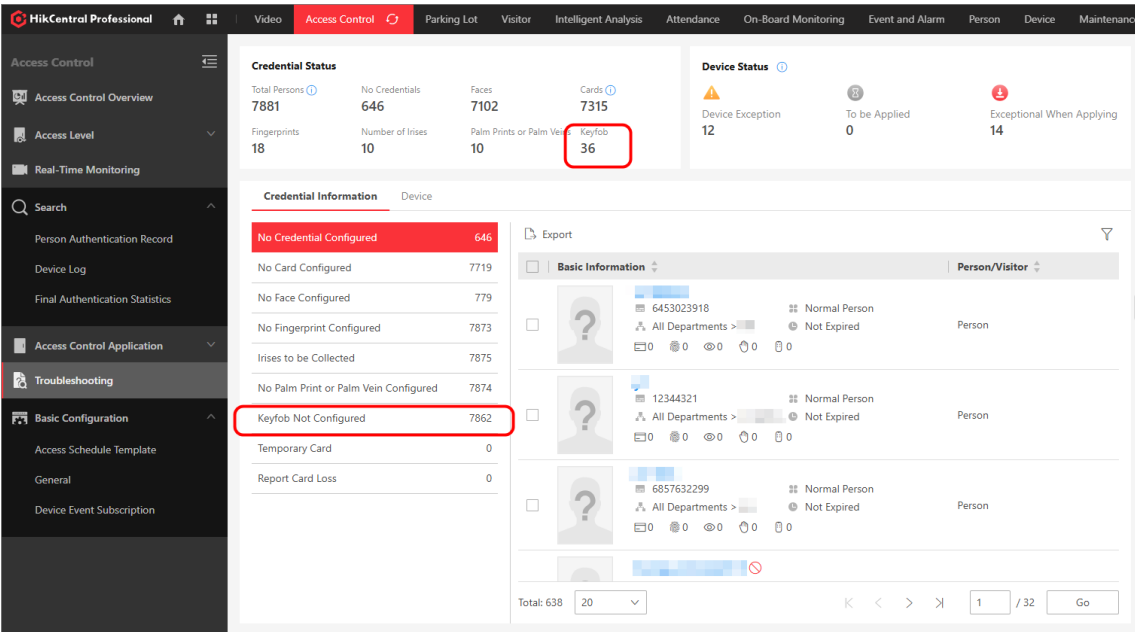


Figure 9-9 Troubleshooting

Optimizations

1. (Web Client) On the Real-Time Monitoring page, when selecting device type as **All Devices**, **Door**, or **Barrier Gate**, supports filtering resources by door status.

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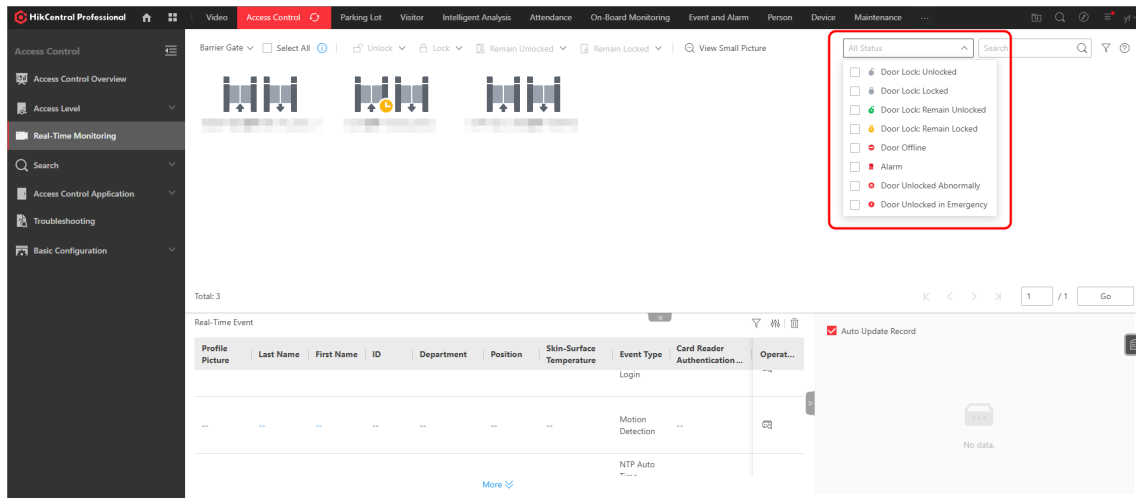


Figure 9-10 Filter by Door Status

2. (Web Client) On the Final Authentication Statistics page, adds the field **Last Connection Time**, allowing you to view and export the last check-out time of each person.

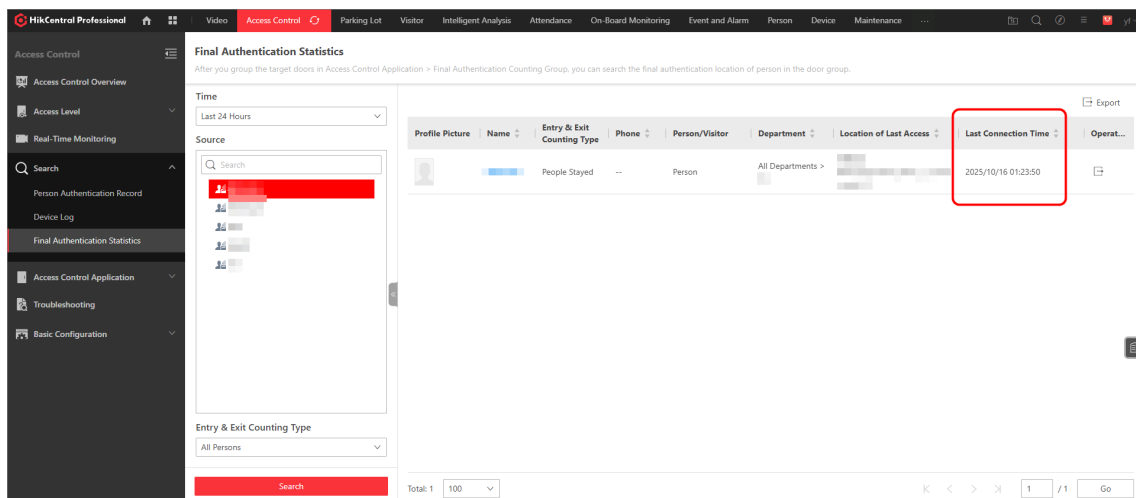


Figure 9-11 Last Connection Time

3. For 260X series access controllers, supports configuring multiple anti-passback rules under a single device. For example, if the controller manages four doors, Doors 1 and 2 can be set up with one anti-passback rule, while Doors 3 and 4 can be configured with another.

Chapter 10 Attendance

New Features

1. (Web Client) On the Pay Code page, supports customizing the symbol of pay code.

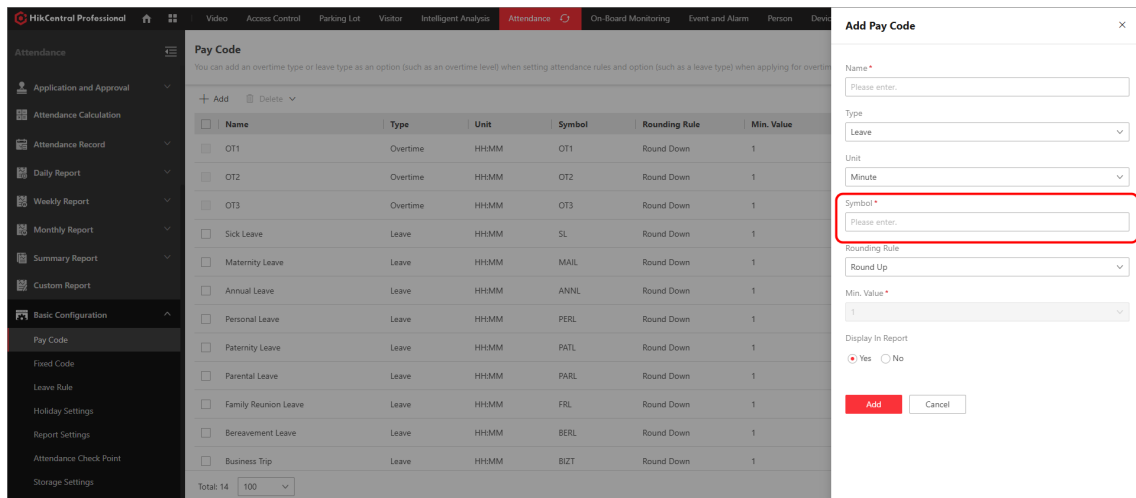


Figure 10-1 Pay Code

2. (Web Client) On the **Report Settings** → **Report Display** page, supports choosing displaying pay code or fixed code in reports by symbol or name.

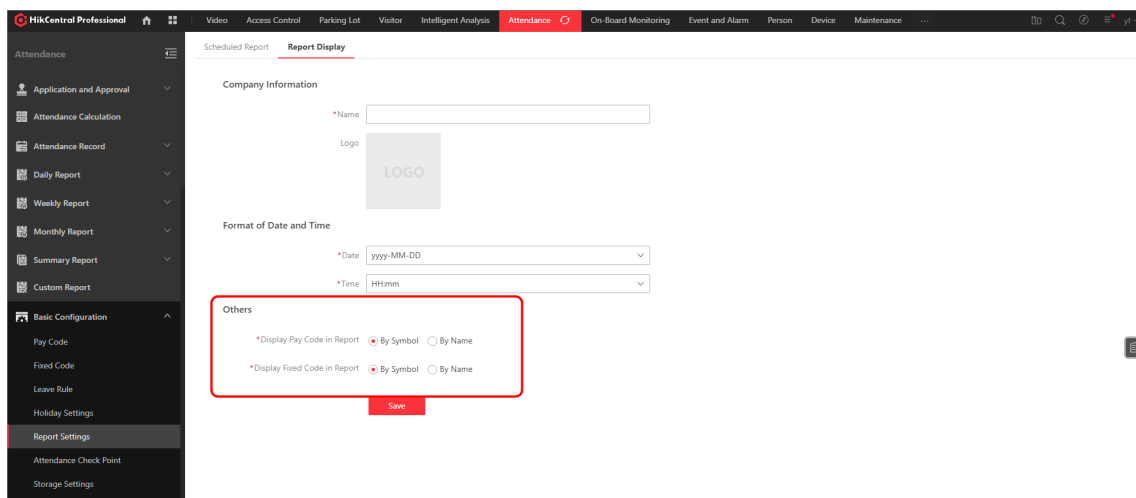


Figure 10-2 Report Display

3. (Web Client) For the summary report, adds a Person Holiday Summary report. This allows viewing of employee holiday or leave status (e.g., holiday time, sick leave), including total, used, and remaining balances.

First Name	Last Name	ID	Depart...	Atten... Group	Holiday Time (Total)	Holiday Time (Used)	Holiday Time (Rema...	Sick Leave (Total)	Sick Leave (Used)	Sick Leave (Rema...	Mater... Leave (Total)	Mater... Leave (Used)	Mater... Leave (Rema...	Annual Leave (Total)	Annual Leave (Used)	Annual Leave (Rema...
No data.																

Figure 10-3 Person Holiday Summary

Optimizations

- 1. (Web Client) On the Attendance Check Point page, supports adding lanes as checks points. You can filter lanes or parking lots on the list.

Basic Information

*Type ☒ Check-In & Out
☐ Check-In Only
☐ Check-Out Only

*Attendance Check Point

Door
Door
Door Station
Camera
Lane

No data.

Add Cancel

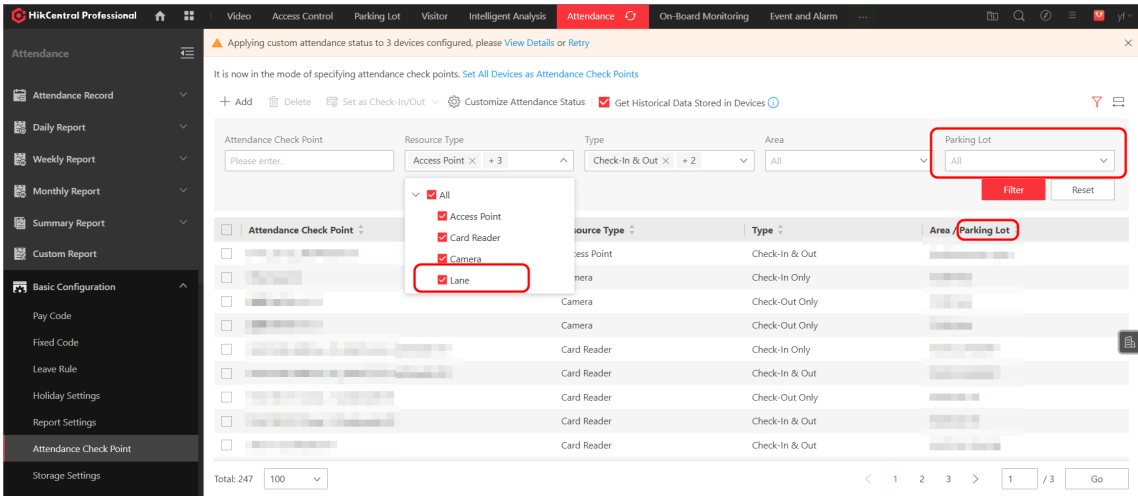


Figure 10-4 Attendance Check Point

2. (Web Client) On the Check-In/Out Correction Record page, adds the field **Attendance Check Point**.

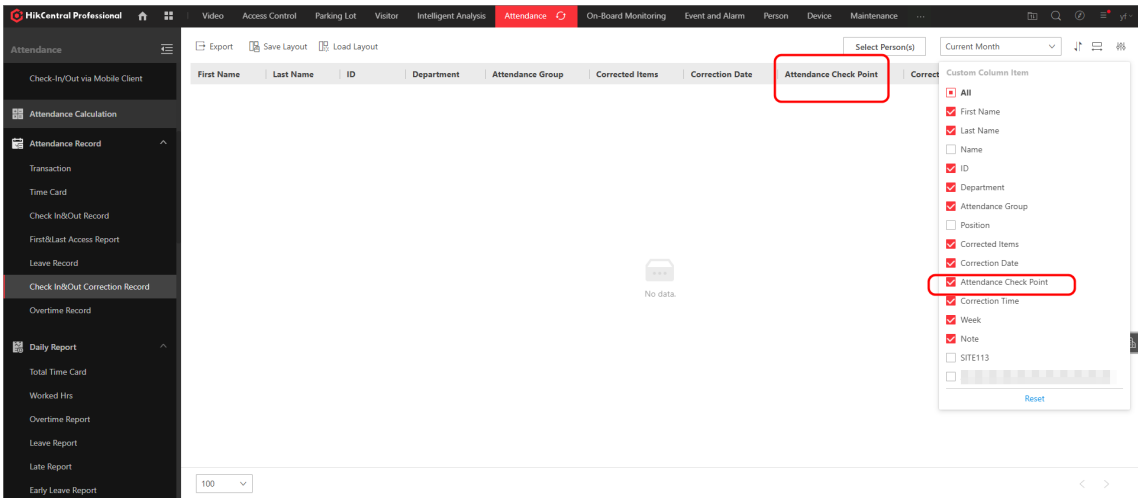


Figure 10-5 Attendance Check Point

3. (Web Client) On the Check In&Out Correction page, when adding applications, supports choosing the attendance check point. The correction list adds the Attendance Check Point field.

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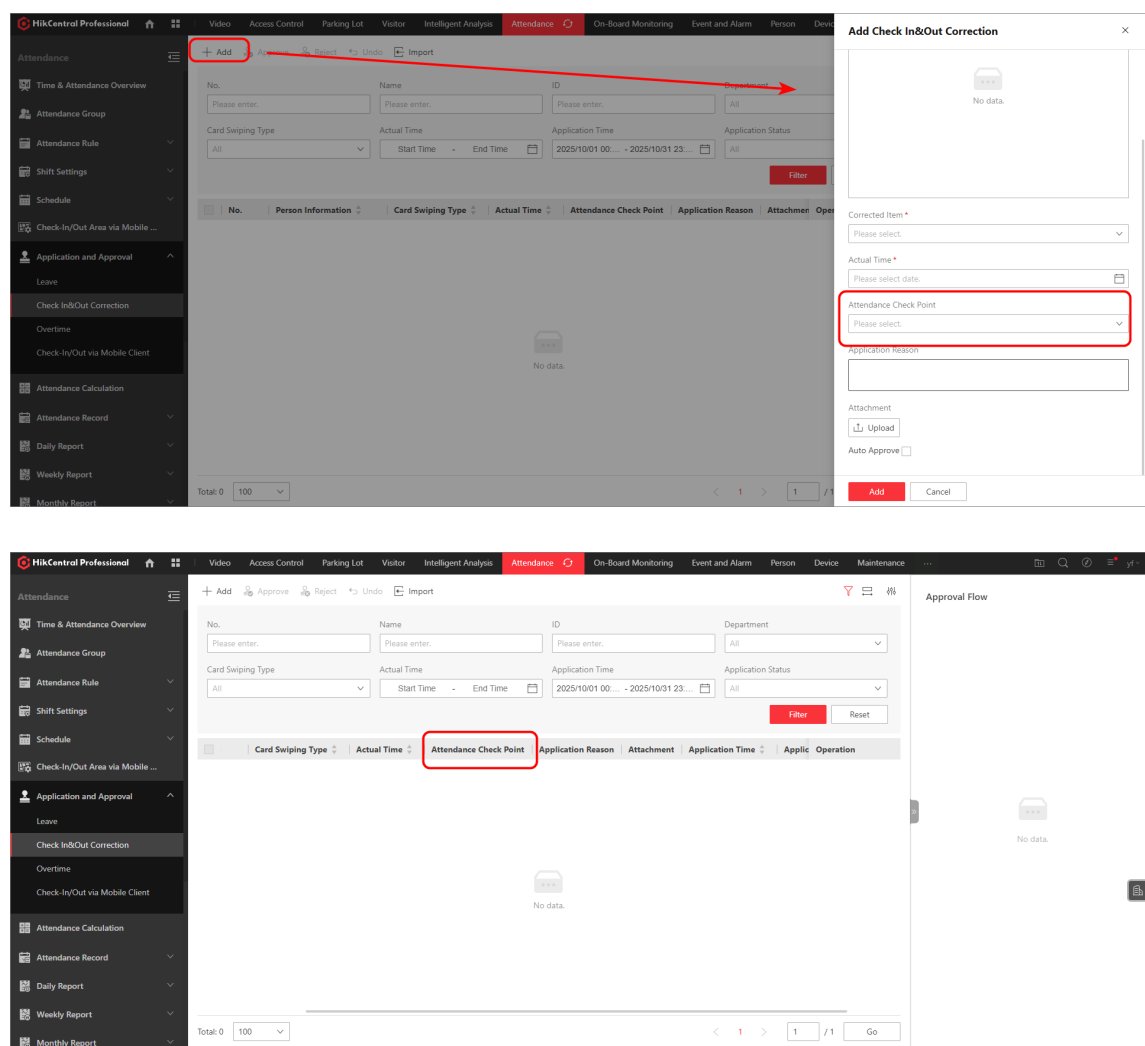


Figure 10-6 Attendance Check Point

4. (Web Client) On the Custom Report page, when adding custom reports, supports selecting the two fields: **Attendance Check Point** and **Attendance Check Point Check-In/Out Time**.

HikCentral Professional V3.1.0 Release Notes

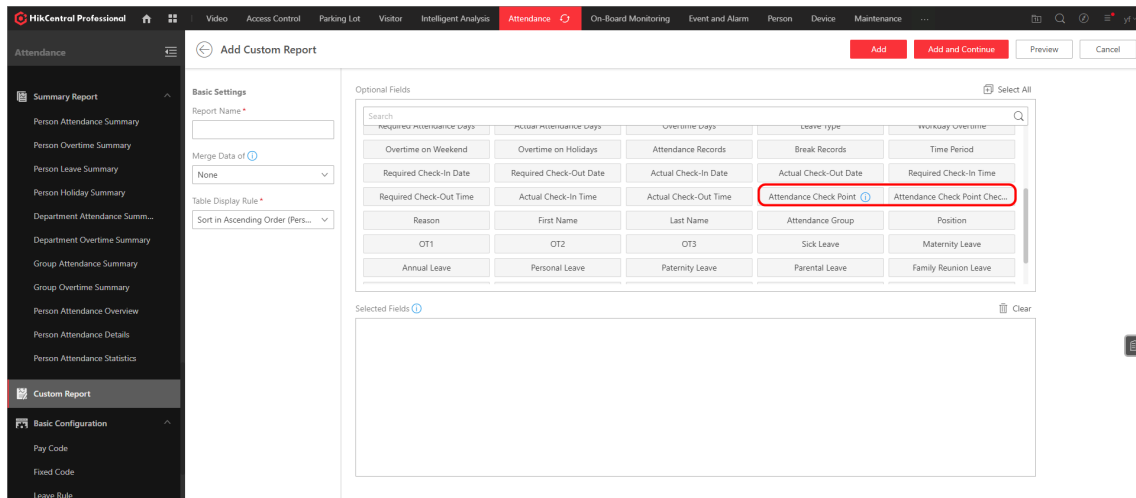


Figure 10-7 Add Field

5. (Web Client and Mobile Client) If no approval flow is configured for a person and the option **Transfer to Administrator for Approval When No Approval Flow is Configured** is unchecked, that person will not see the **Add** button for submitting leave, overtime, or attendance correction requests after logging into Self-Service. As a result, they can only view pending or handled applications but cannot create new ones.

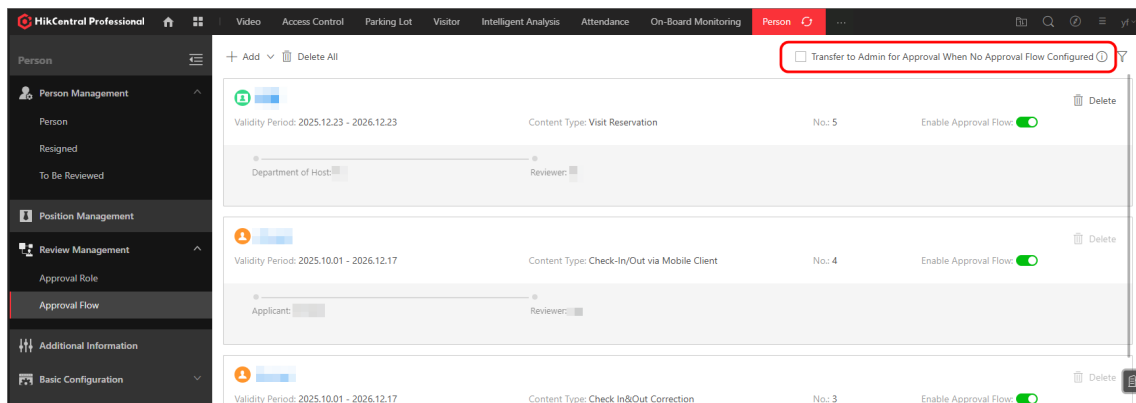
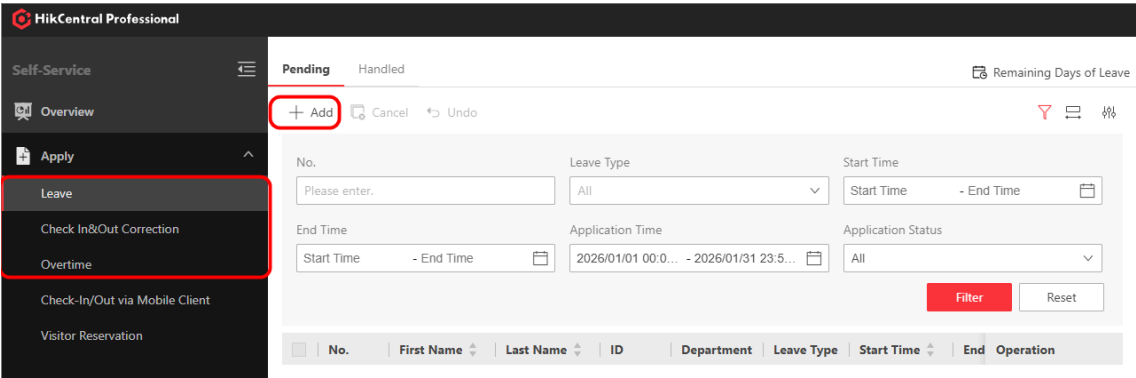
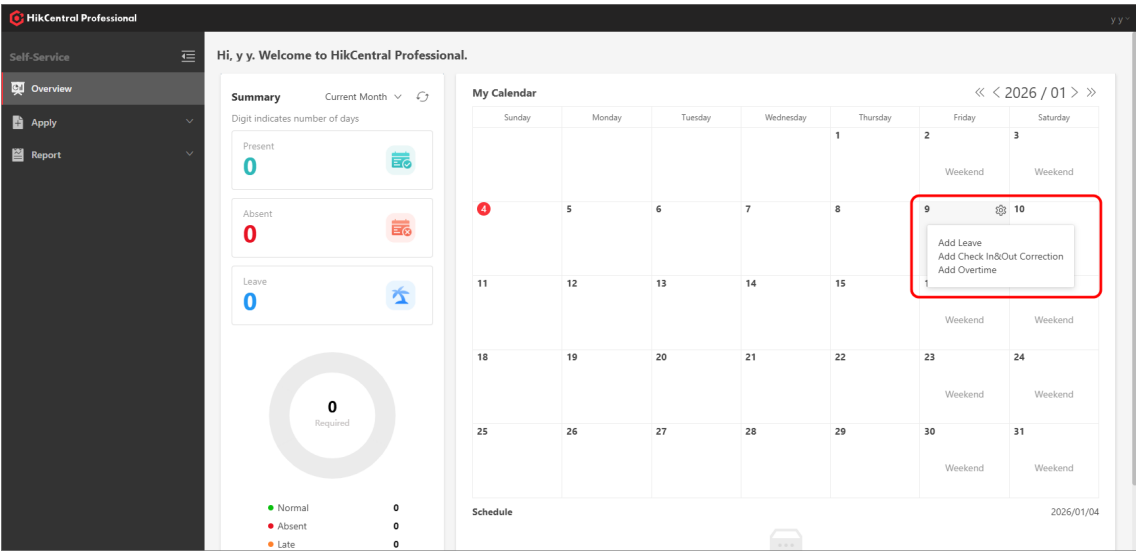


Figure 10-8 Transfer to Administrator for Approval When No Approval Flow is Configured

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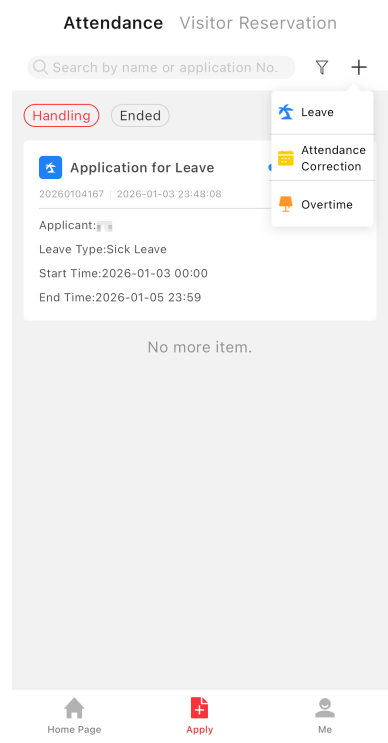
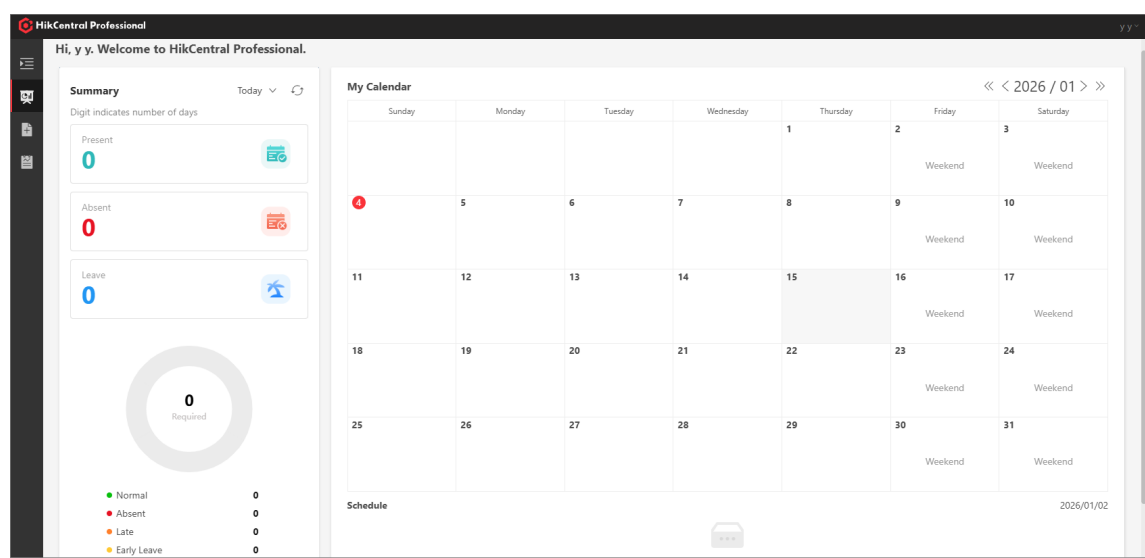


Figure 10-9 Approval Flow Configured or Administrator Approval Enabled



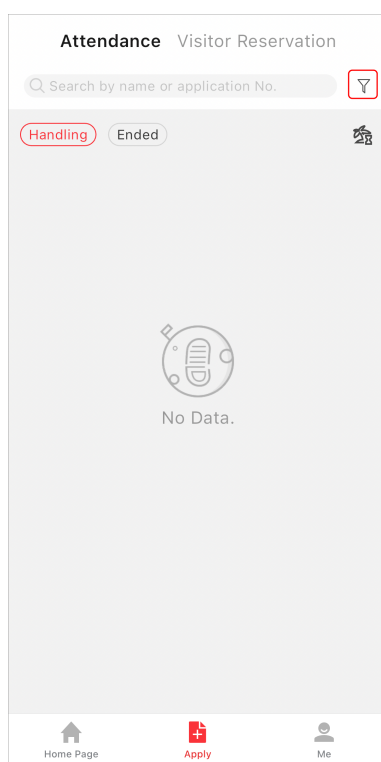
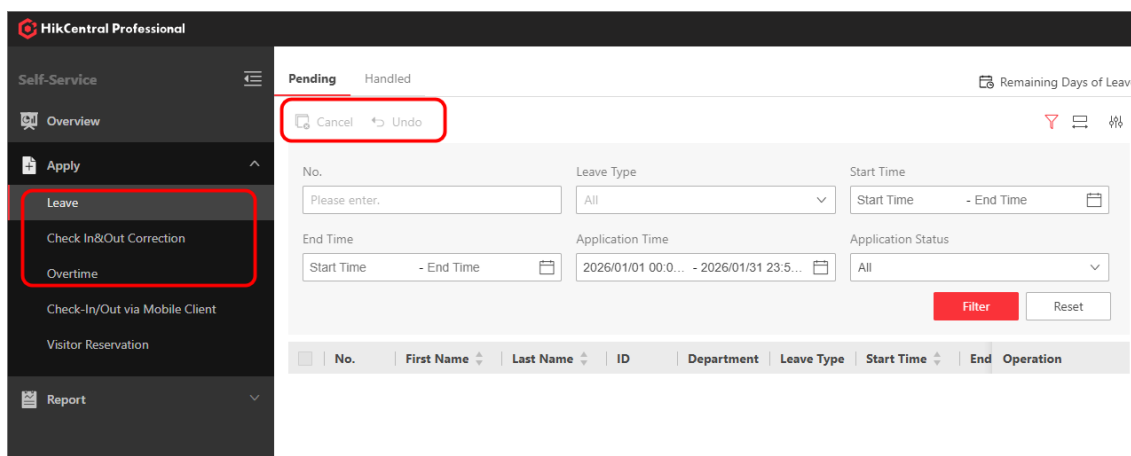


Figure 10-10 No Approval Flow and Administrator Approval Unchecked

- When the Area on the Vehicle Information page is set to **General**, the License Plate No. in the Transaction Report (for both management and self-service) displays the original value. However, when the area is set to **Middle East and North Africa**, the License Plate No. follows the configured license plate rule. For example, if the rule includes Country/Region, Plate Category, and License Plate No., the report will display a formatted number such as AHU-1-085.

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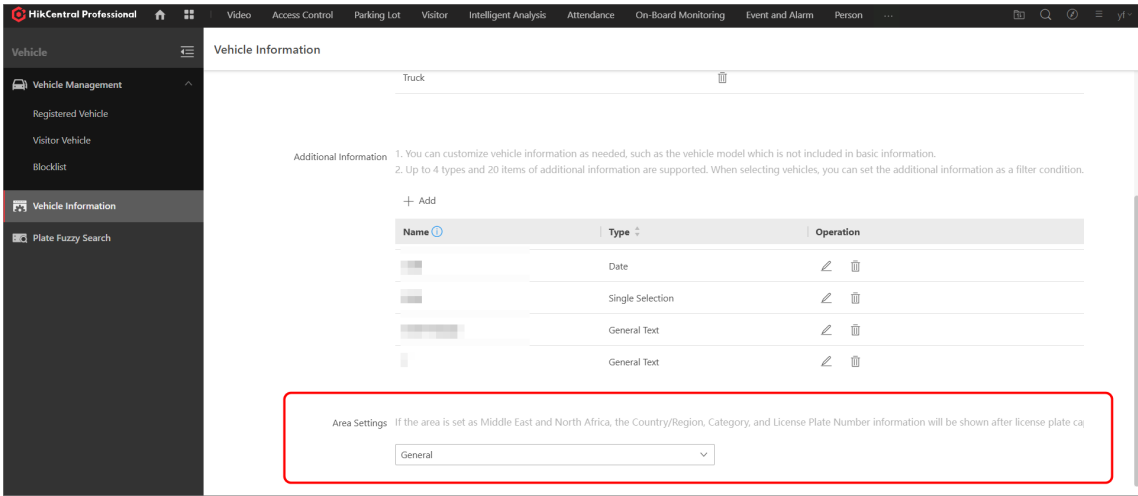
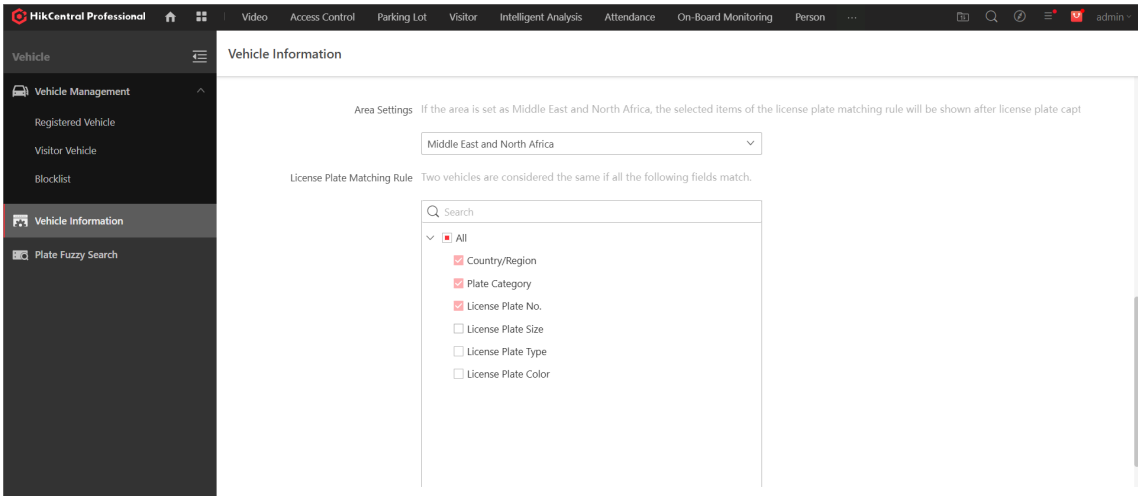


Figure 10-11 General



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Export Import Save Layout Load Layout				Select Person(s)		Current Month			
First Name	Last Name	Name	License Plate No.	License Plate Size	License Plate Type	License Plate Color			
1	1	1 1	AUH-1-085	Long	Police Vehicle	Black			

Figure 10-12 Middle East and North Africa

Chapter 11 Video Intercom

Optimization: If you change the device names of indoor stations, door stations, or outer door stations on the platform, the updates will be synchronized to the live view page of the master station.

Chapter 12 Commercial Display

12.1 Content Creation

New Features

1. (Web Client) When creating a new program, supports selecting the screen type as an ultrawide screen (horizontal resolution > 4096 pixel) via screen segmentation, requiring custom screen resolution according to the size of mounted screen.

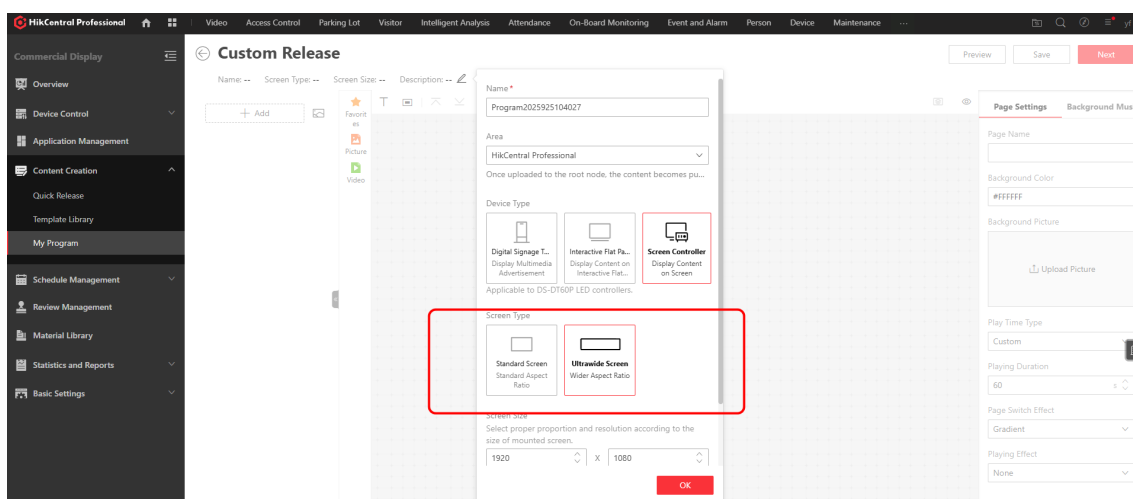


Figure 12-1 Ultrawide Screen Program

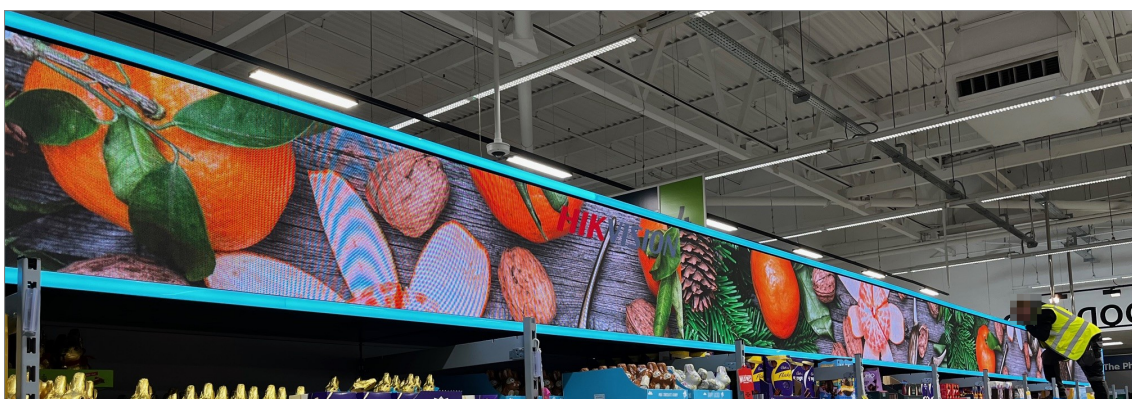


Figure 12-2 Ultrawide Screen

2. (Web Client) On the Quick Release page, supports quick release of ultrawide screens.

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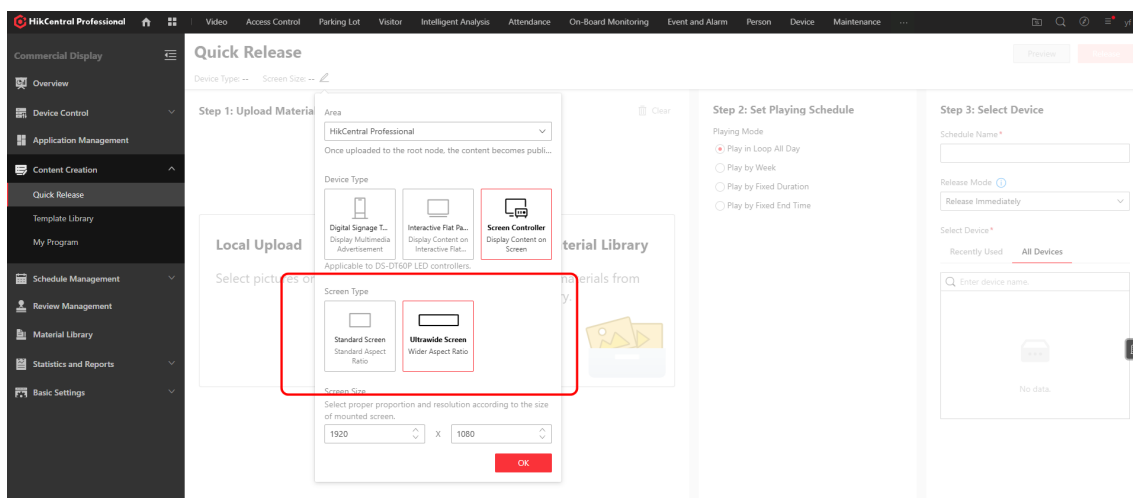
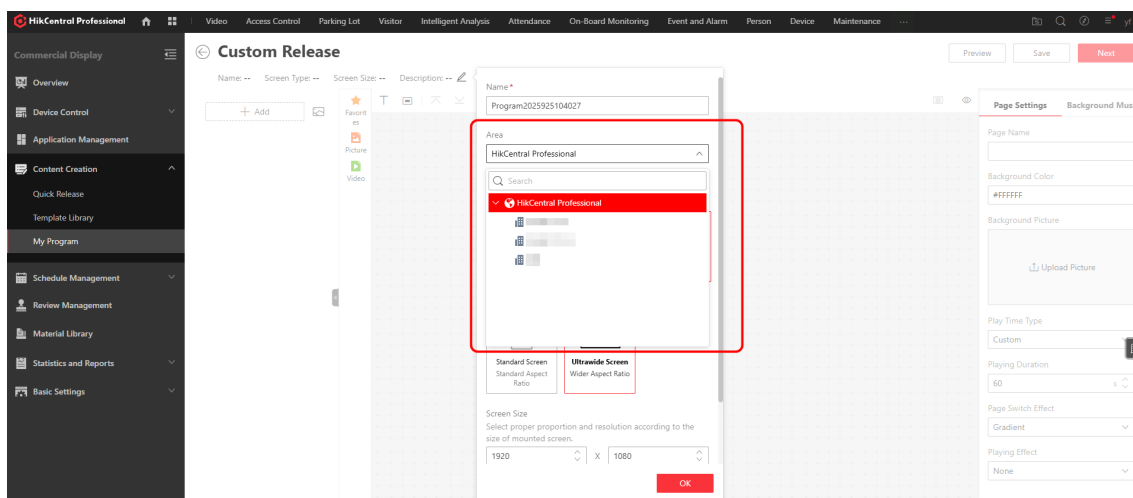


Figure 12-3 Ultrawide Screen

3. (Web Client) When creating a new program, non-admin users can select areas for which they have permissions.



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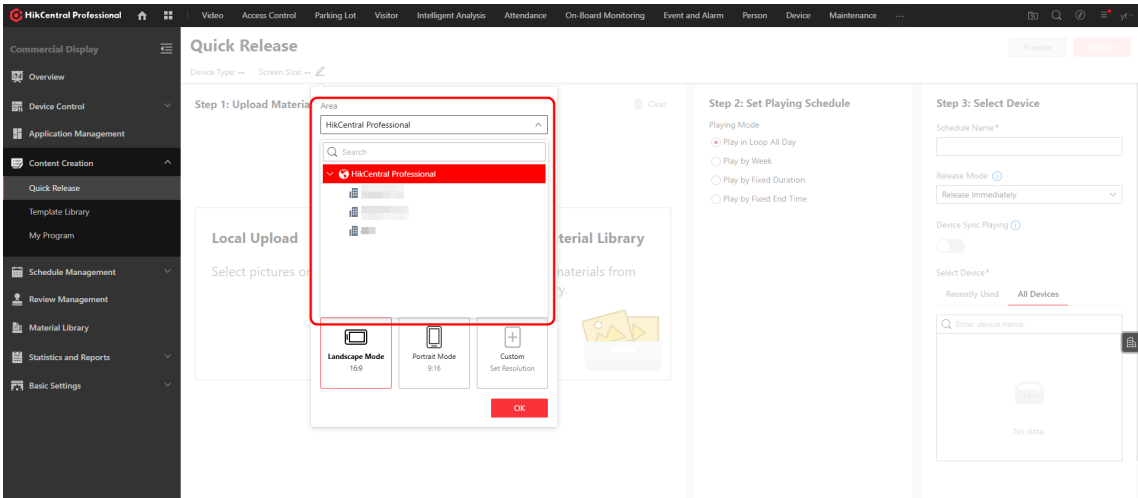


Figure 12-4 Select Area

Optimizations

- 1. (Web Client) For the program list on the My Program page:
 - a. Adds **Operation Time of Release** to display the last time the program was released.

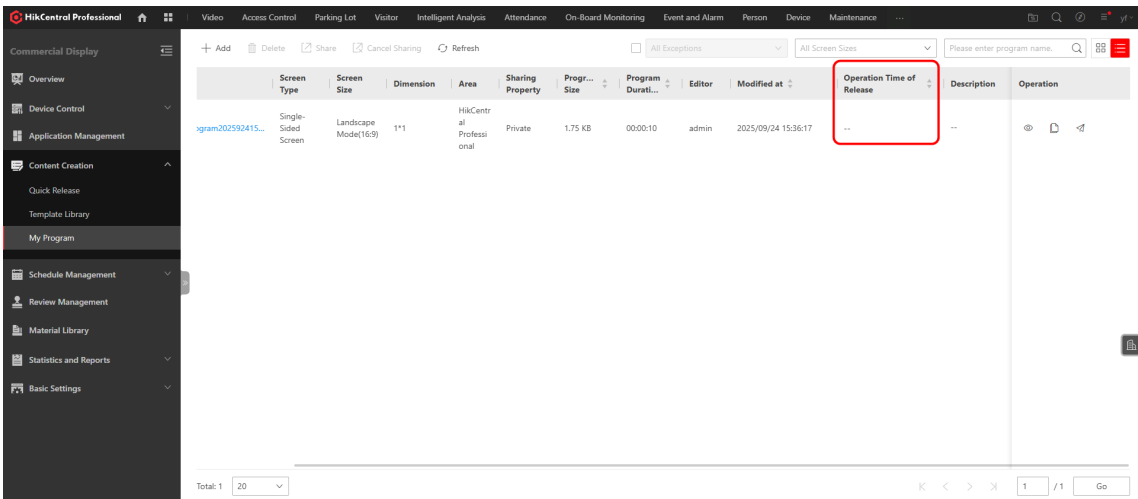


Figure 12-5 Operation Time of Release

- b. Adds three filters **All Exceptions**, **With Expired Materials**, and **Empty Programs**. They are unchecked by default.

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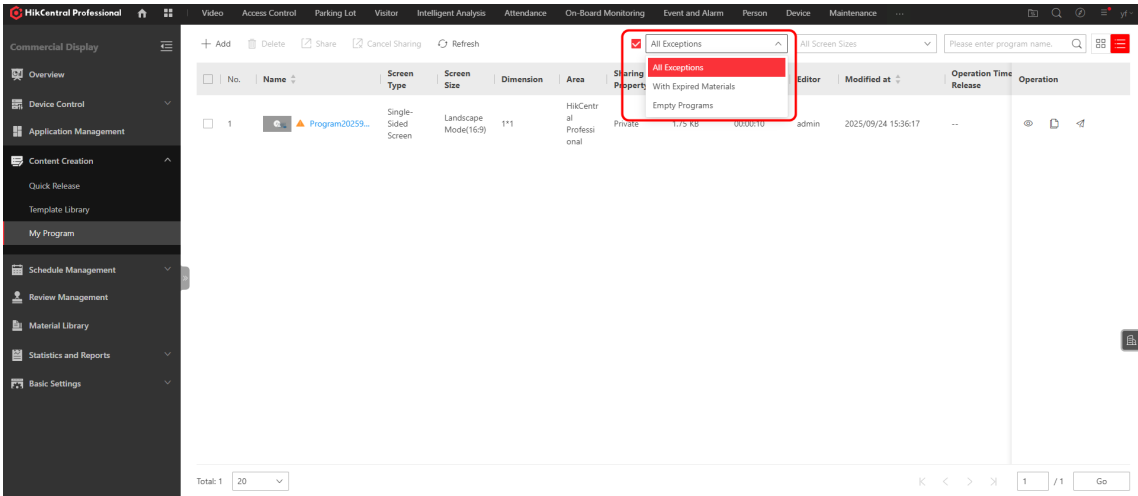


Figure 12-6 Exception

c. Adds prompts for expired materials. You can replace or delete them.

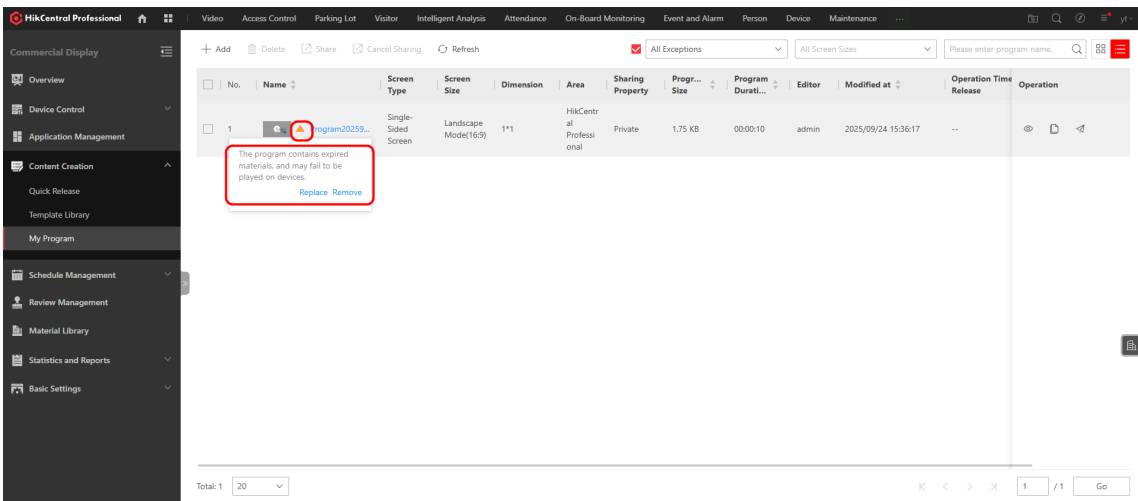


Figure 12-7 Expired Materials

d. Add prompts for empty programs. You can delete or re-edit them.

HikCentral Professional V3.1.0 Release Notes

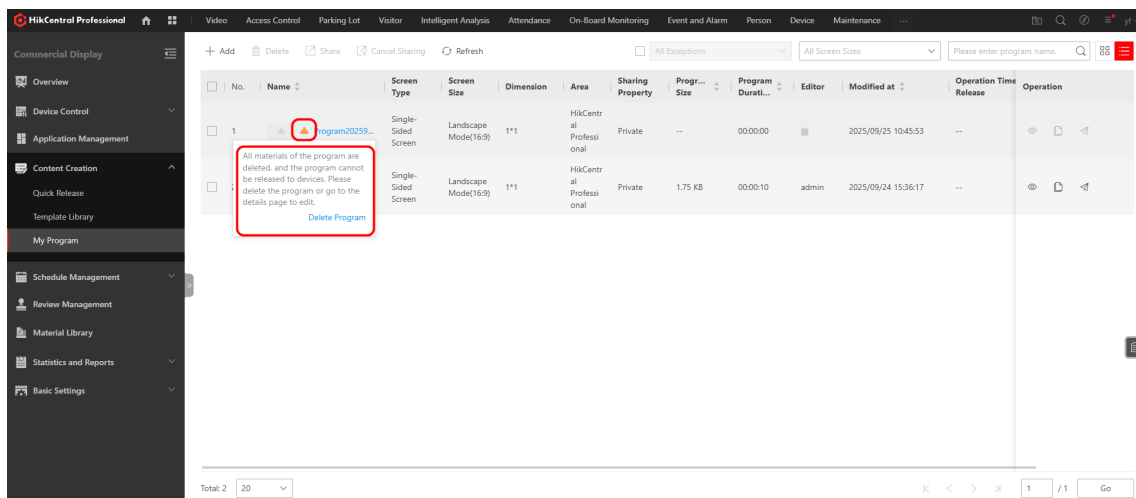


Figure 12-8 Empty Program

e. (Web Client) If you delete scheduled programs, they will be removed from the schedule.

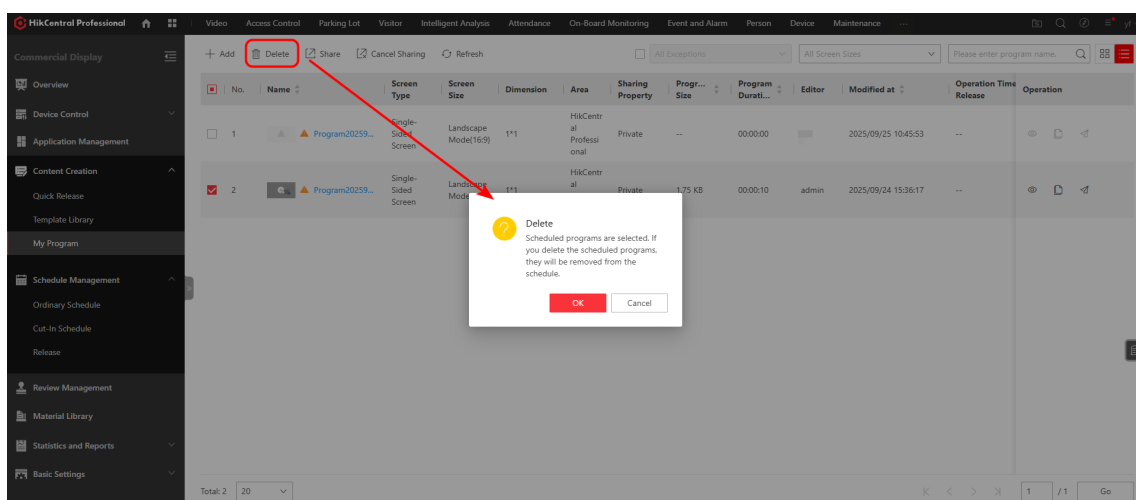


Figure 12-9 Delete Scheduled Program

2. (Web Client) When editing a program, supports switching between the mode of **Show Thumbnail** (by default) and **Hide Thumbnail**. You can change the page order by dragging with the mouse.

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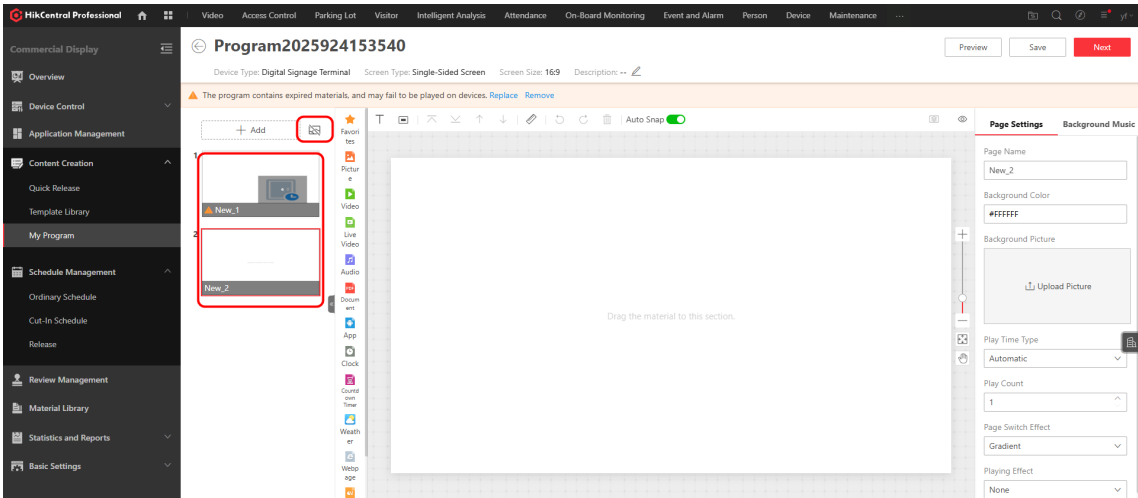


Figure 12-10 Show Thumbnail

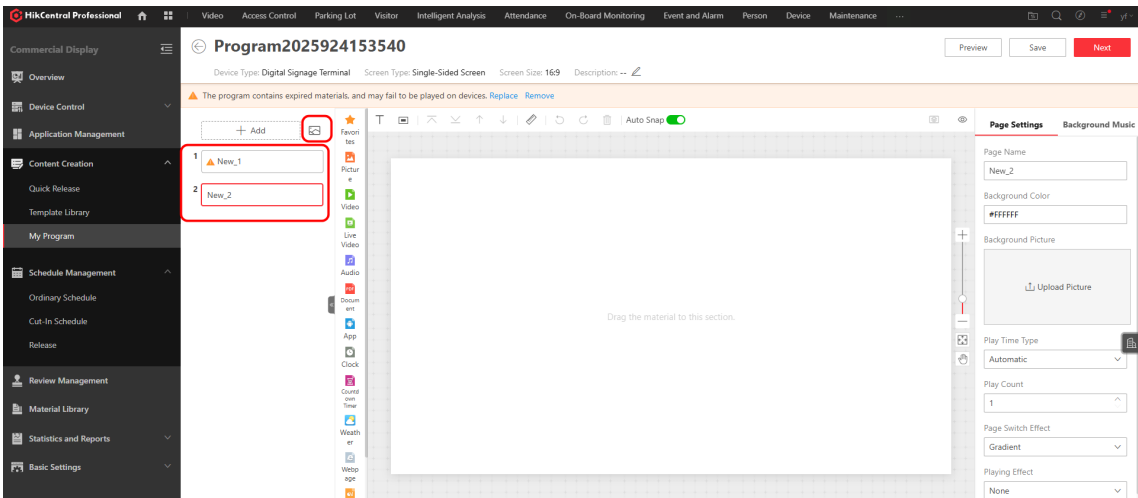


Figure 12-11 Hide Thumbnail

3. (Web Client) When editing a program, supports previewing the playing effect set on the Page Settings panel and the micro animation set on the Window panel.

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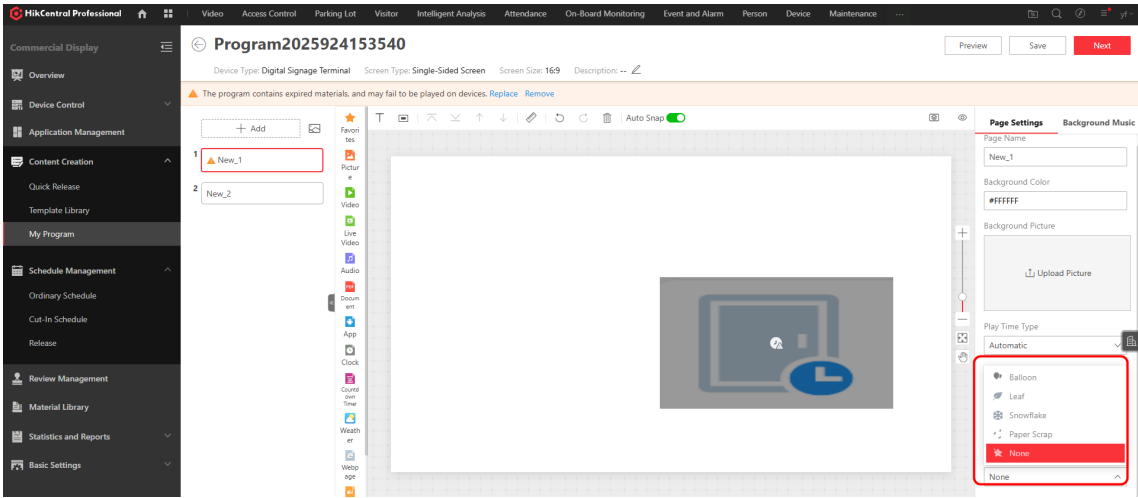


Figure 12-12 Page Settings

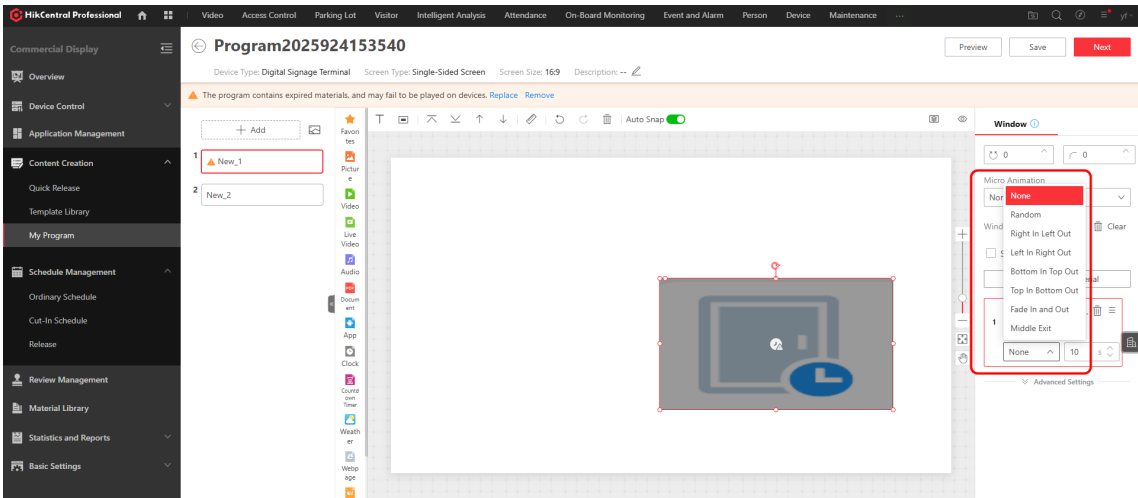


Figure 12-13 Window Settings

HikCentral Professional V3.1.0 Release Notes

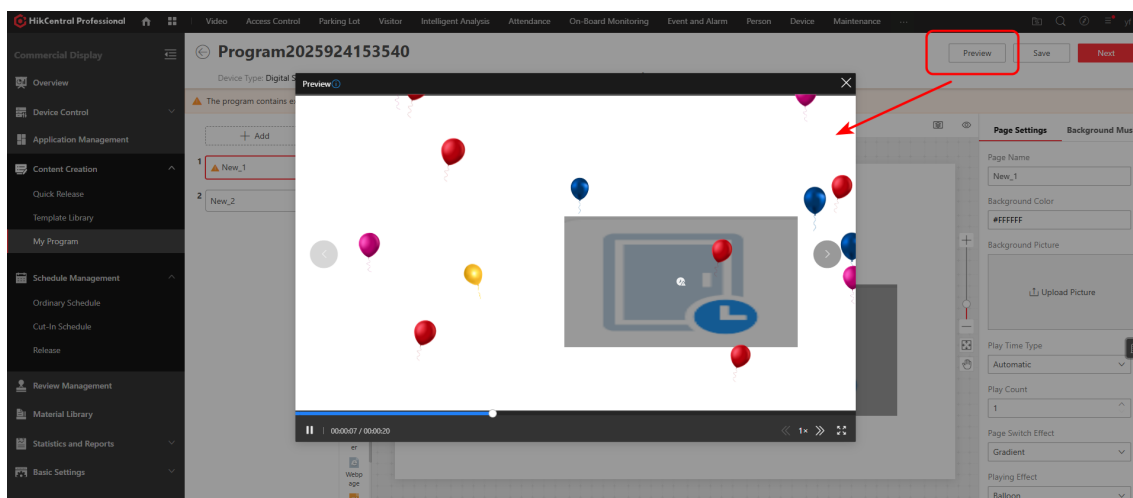


Figure 12-14 Preview Playing Effect

4. (Web Client) For screen controllers:
 - a. Supports adding weather content.
 - b. Supports adding RSS content.
 - c. Supports setting round corners for images.
 - d. Supports setting for texts round corner, word spacing, line spacing, gradient, strikethrough, and shadow.

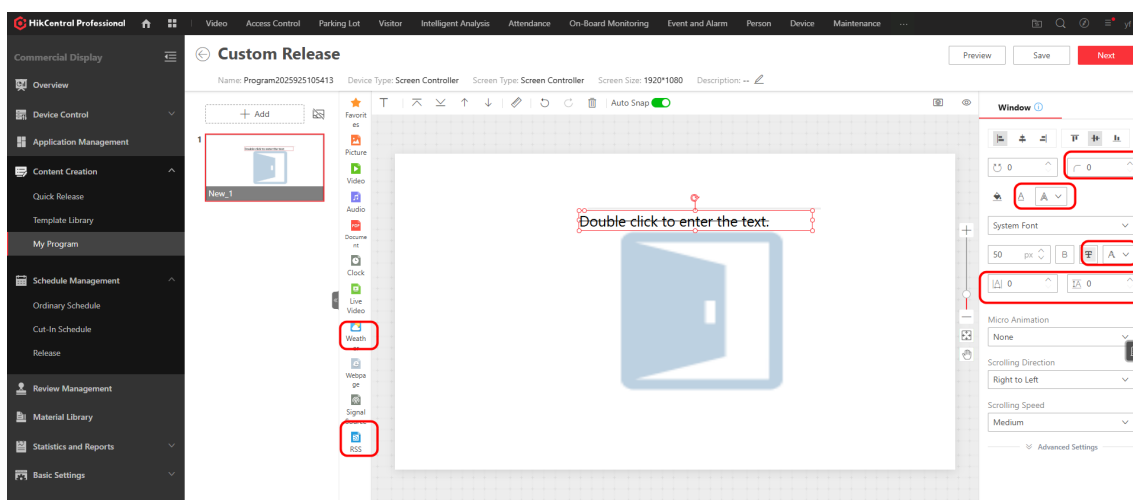


Figure 12-15 Screen Controller

5. (Web Client) For the interactive flat panel:
 - a. Supports adding webpage content when editing a program.

HikCentral Professional V3.1.0 Release Notes

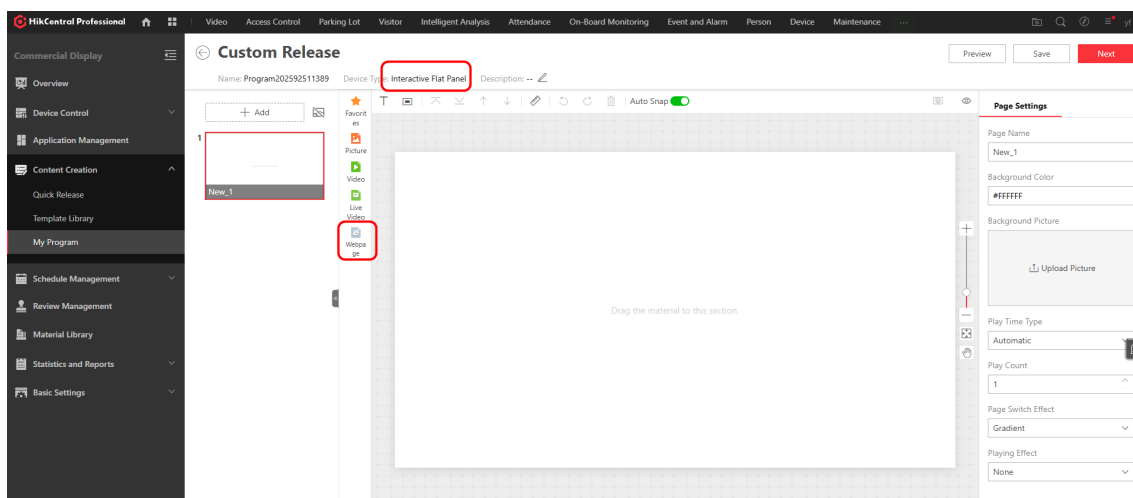


Figure 12-16 Webpage

- b. On the Quick Release page, adds new playing modes **Play in Loop All Day** and **Play by Week**.

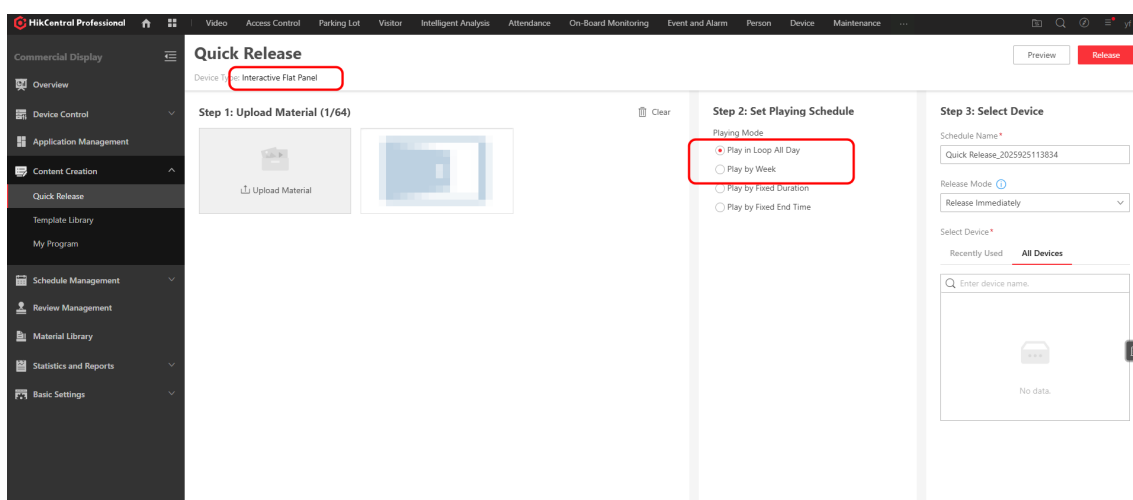


Figure 12-17 Quick Release

12.2 Schedule Management

New Features

1. (Web Client) For the cut-in schedule of Interactive Flat Panel:
 - a. **Program Cut-In:** Supports selecting programs containing web pages.

HikCentral Professional V3.1.0 Release Notes

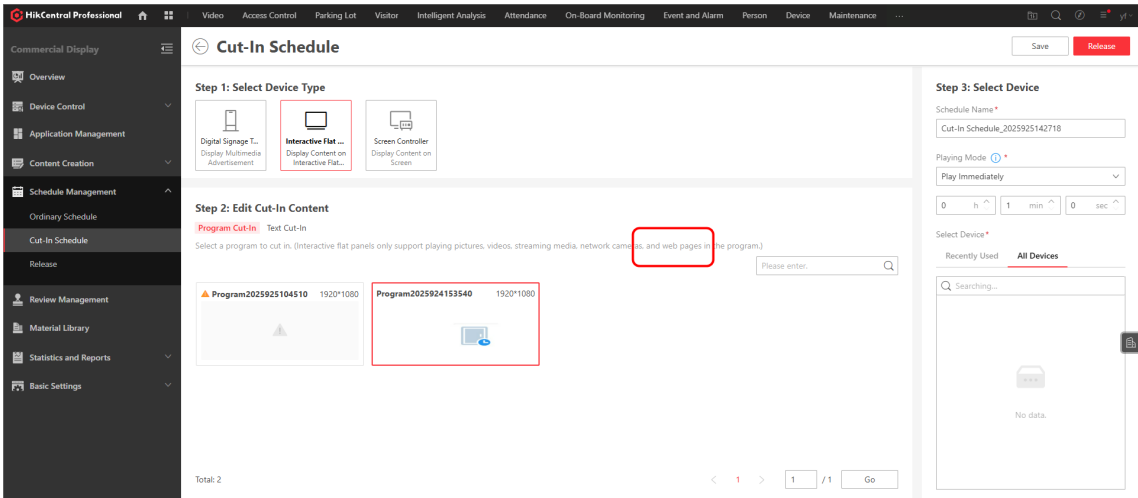


Figure 12-18 Program Cut-In

- b. **Text Cut-In** : Adds the feature of **Notification Sound**. A notification sound will be played when the text is released.

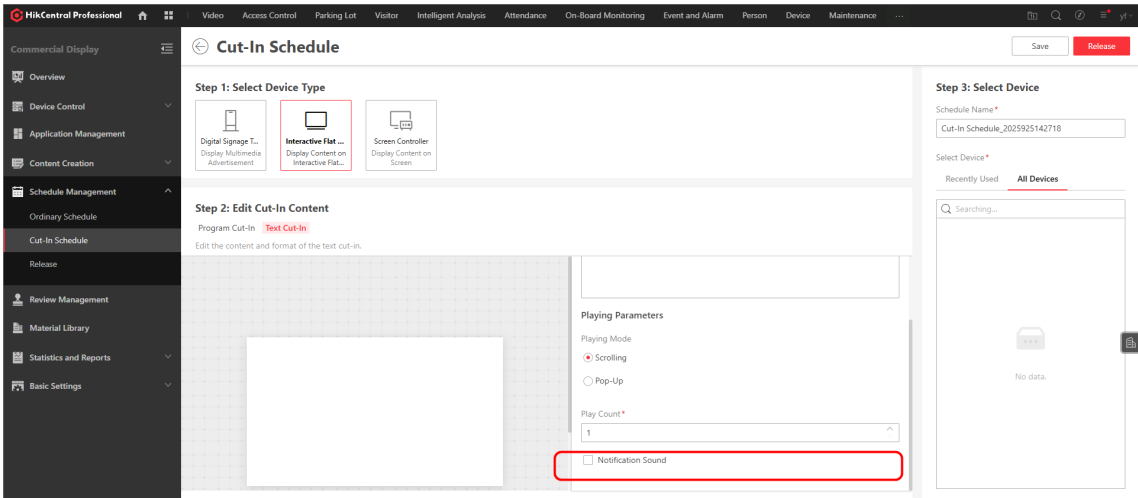


Figure 12-19 Text Cut-In

- 2. (Web Client) On the Ordinary Schedule page, supports setting ordinary schedules for ultrawide screen programs.

HikCentral Professional V3.1.0 Release Notes

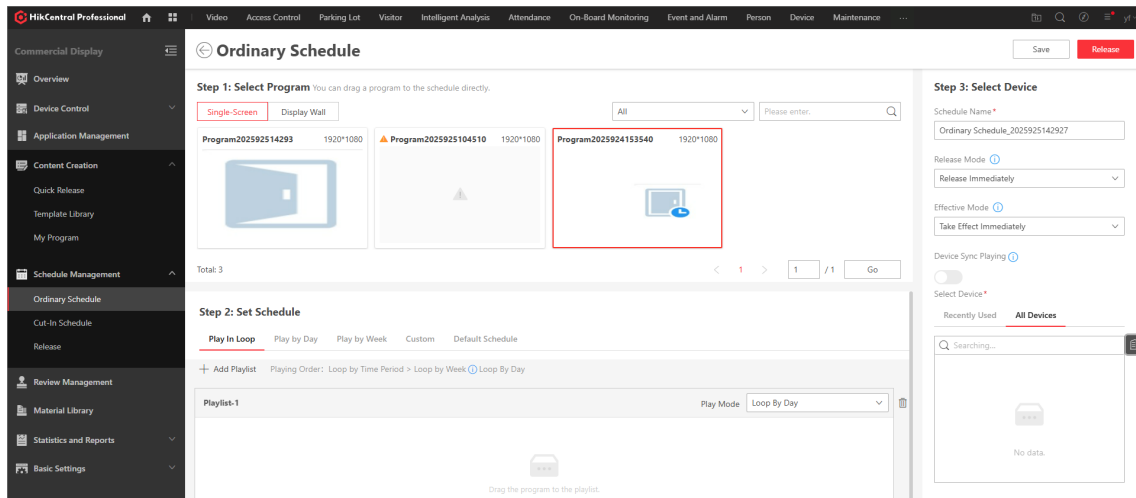


Figure 12-20 Ordinary Schedule

3. (Web Client) On the Cut-in Schedule page, supports setting cut-in schedules for ultrawide screen programs, including single program cut-in and text cut-in.

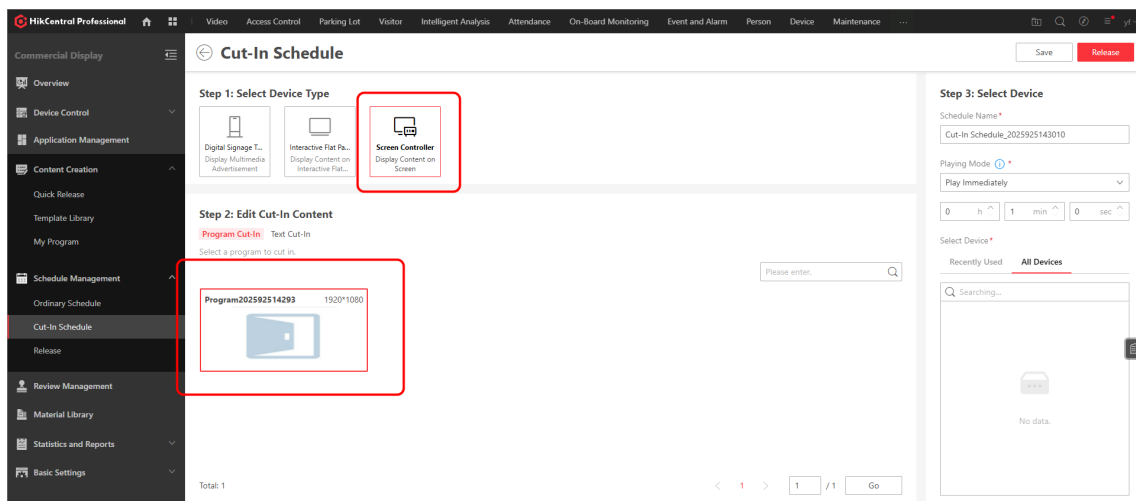


Figure 12-21 Cut-in Schedule

4. (Web Client) On the Release page, supports viewing the release records of ultrawide screen programs, including **All**, **Releasing Failed**, **Released**, **Not Released**, **Releasing**, and **Release Canceled**.

Optimizations

1. (Web Client) For Ordinary Schedule and Cut-In Schedule (only for digital signage terminals), adds a filter option for all screen sizes.

HikCentral Professional V3.1.0 Release Notes

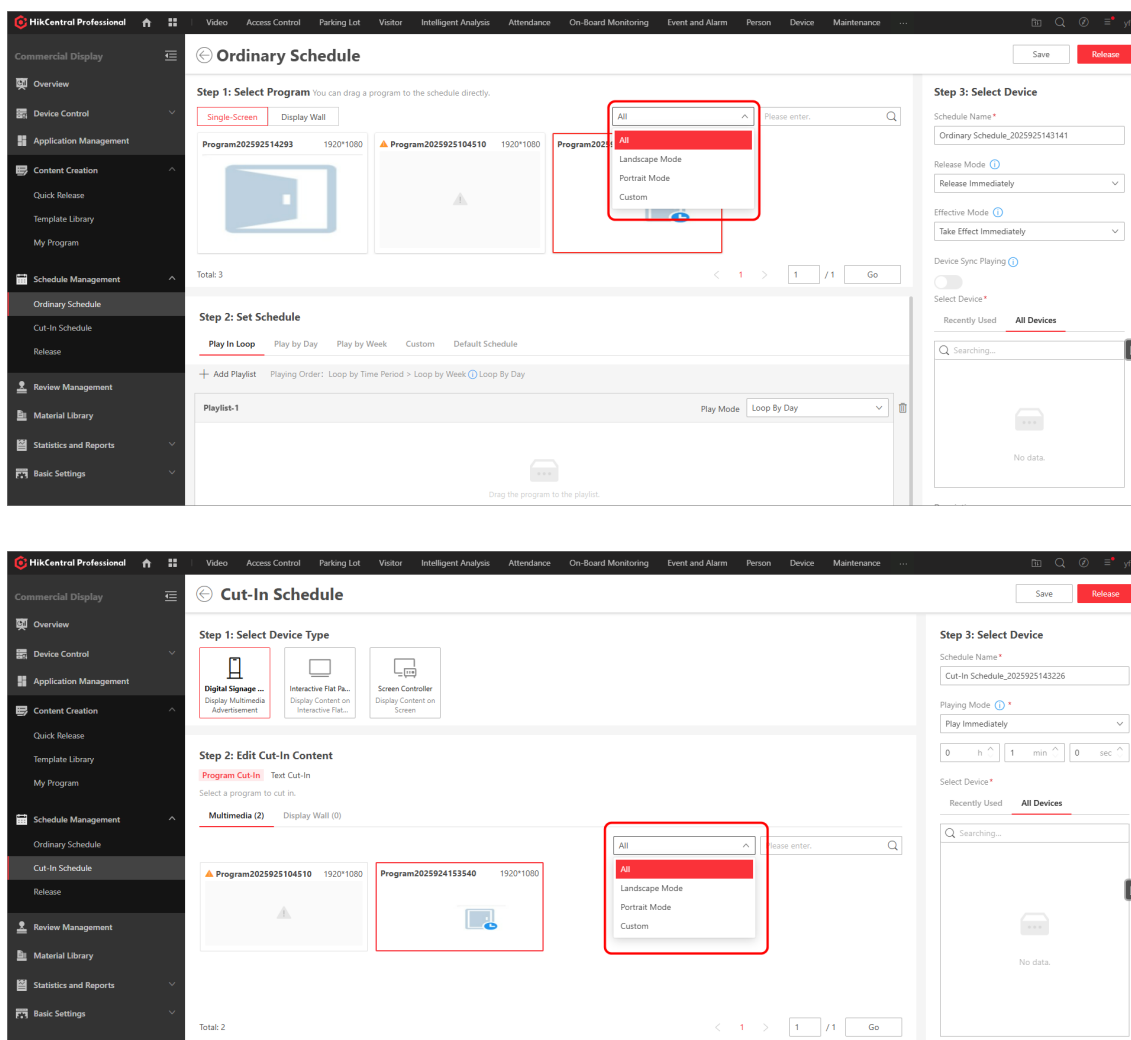


Figure 12-22 Filter Option

2. (Web Client) On the Ordinary Schedule and the Cut-In Schedule page, supports filtering and deleting empty schedules.

HikCentral Professional V3.1.0 Release Notes

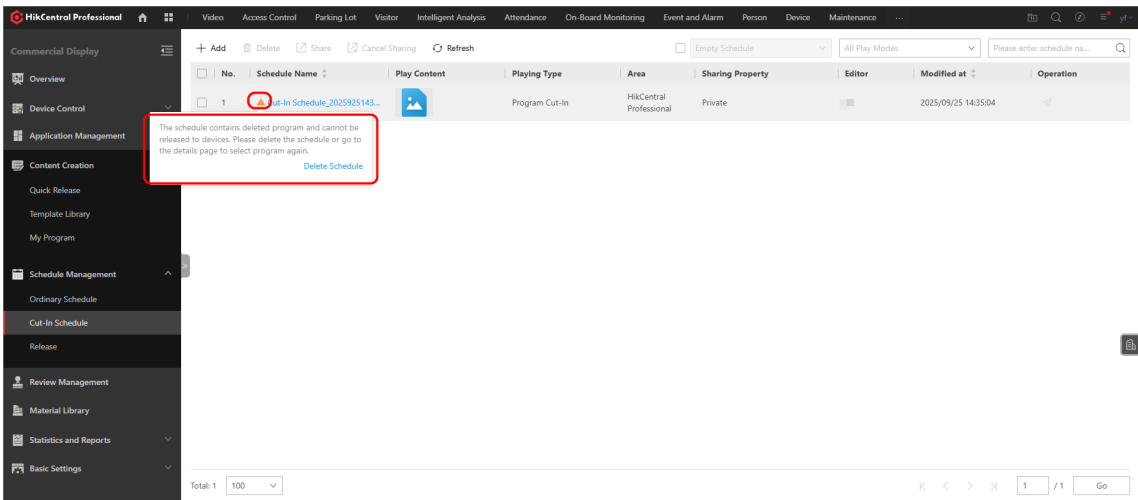
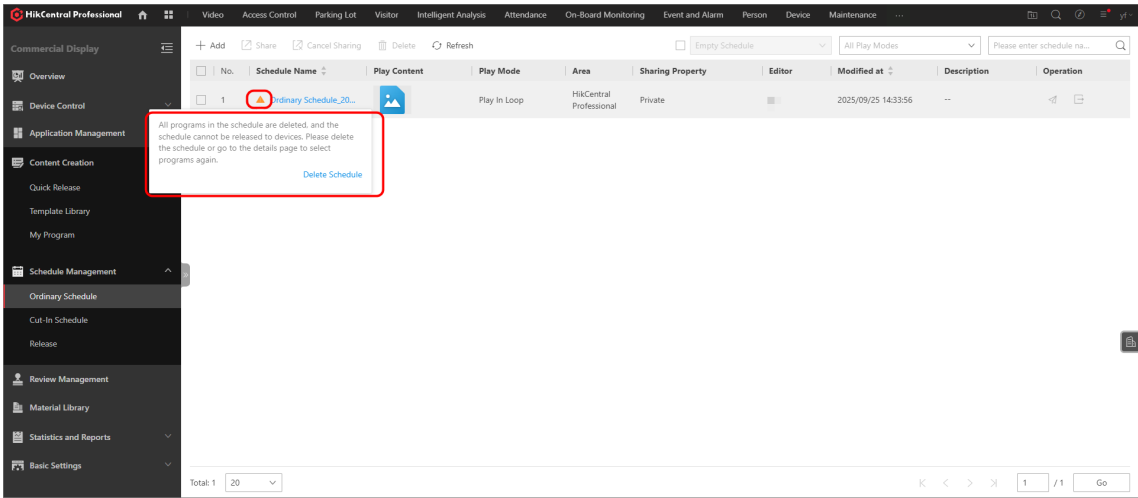
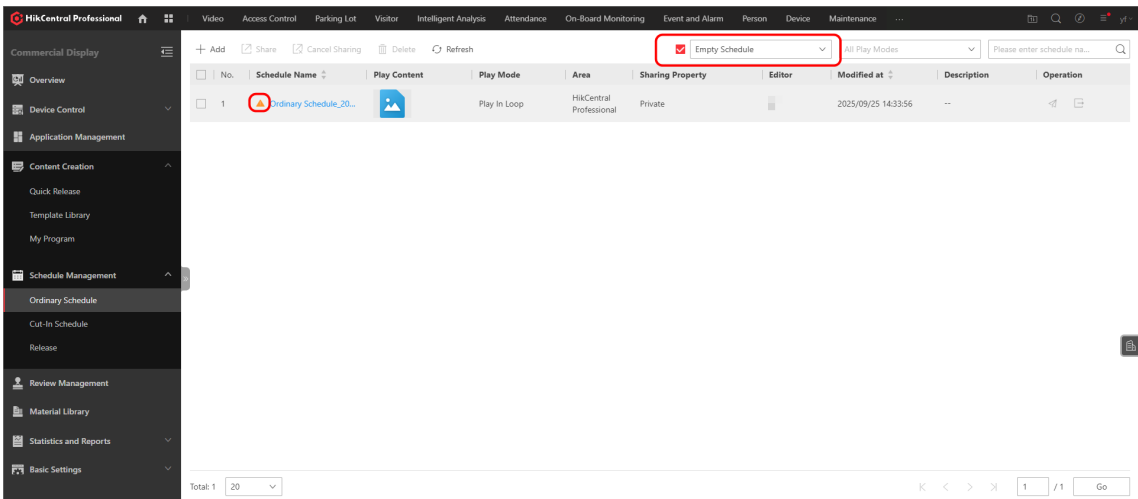


Figure 12-23 Empty Schedule



HikCentral Professional V3.1.0 Release Notes

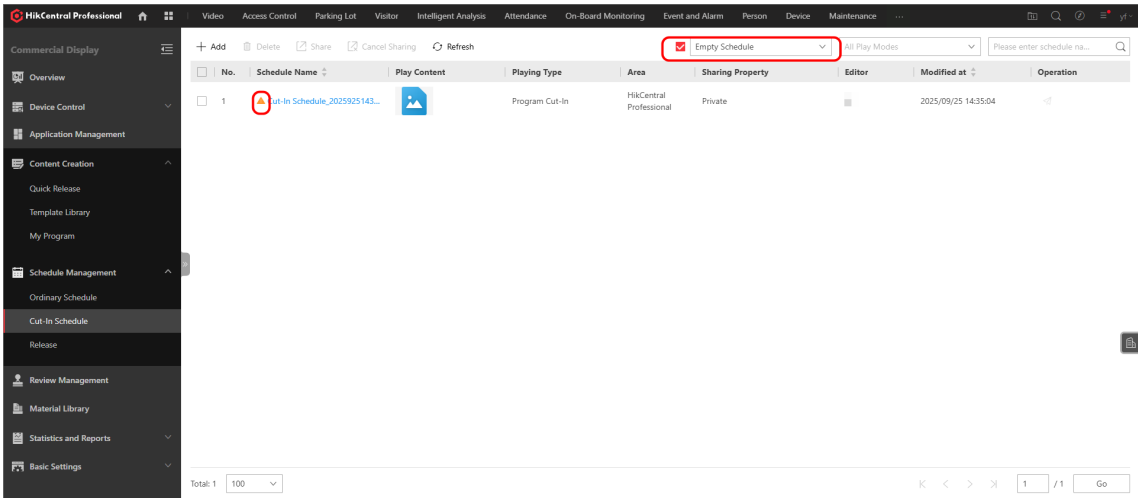


Figure 12-24 Delete Empty Schedules

12.3 Material

New Feature

(Web Client) If you delete materials used by programs, they will be removed from the programs.

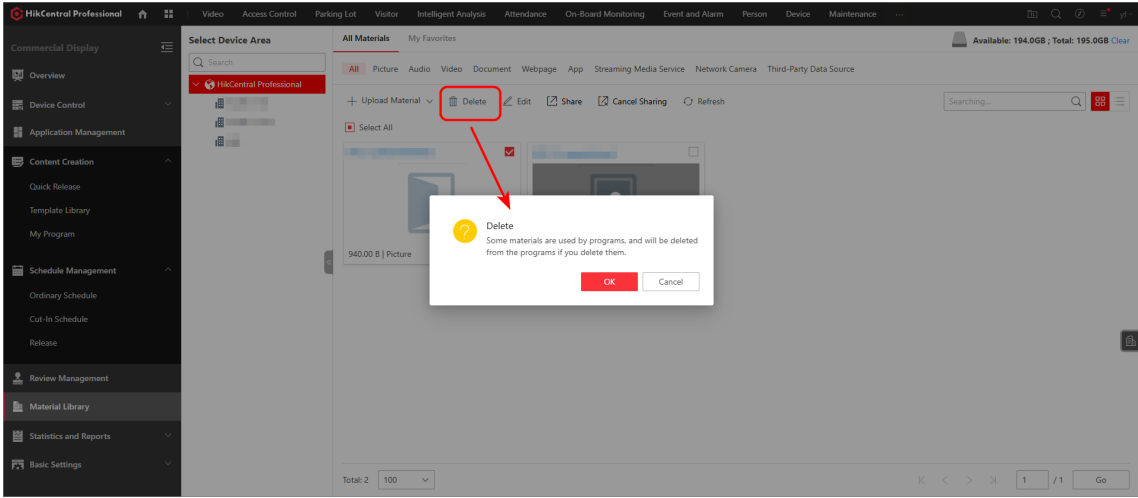


Figure 12-25 Delete Materials Used by Programs

Optimizations

- 1. (Web Client) The **Size** and **Duration** columns are merged into a single column: **Size/Duration**.

HikCentral Professional V3.1.0 Release Notes

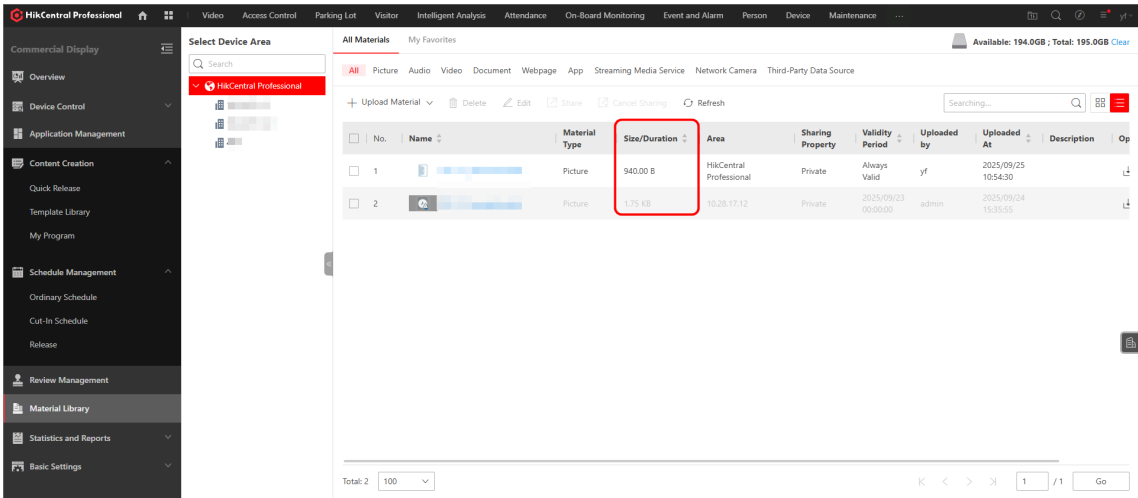
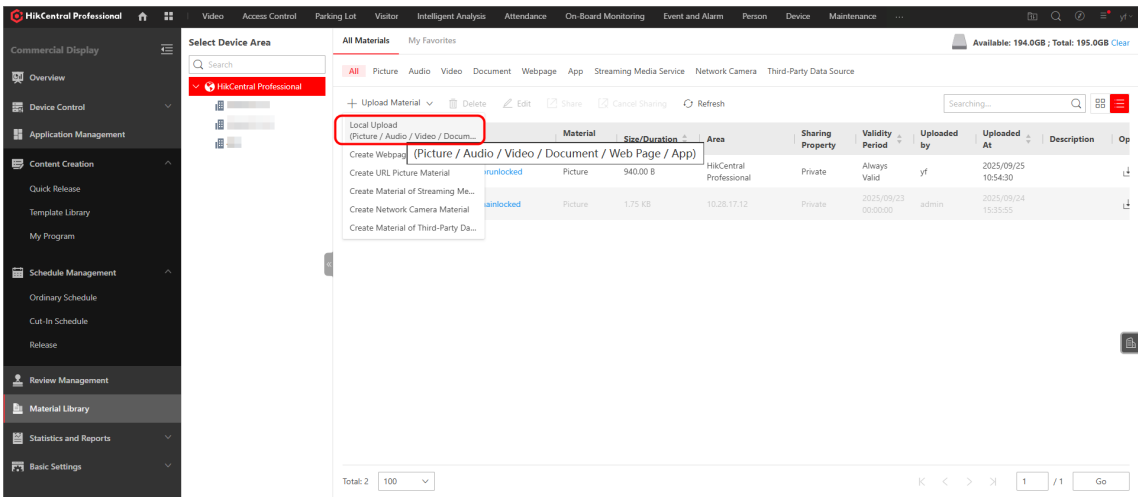


Figure 12-26 Size/Duration

2. (Web Client) Adds the material type (picture / audio / video / document / webpage / app) for local upload. You can select the area to upload to, and click to select or drag one or more files to upload.



HikCentral Professional V3.1.0 Release Notes

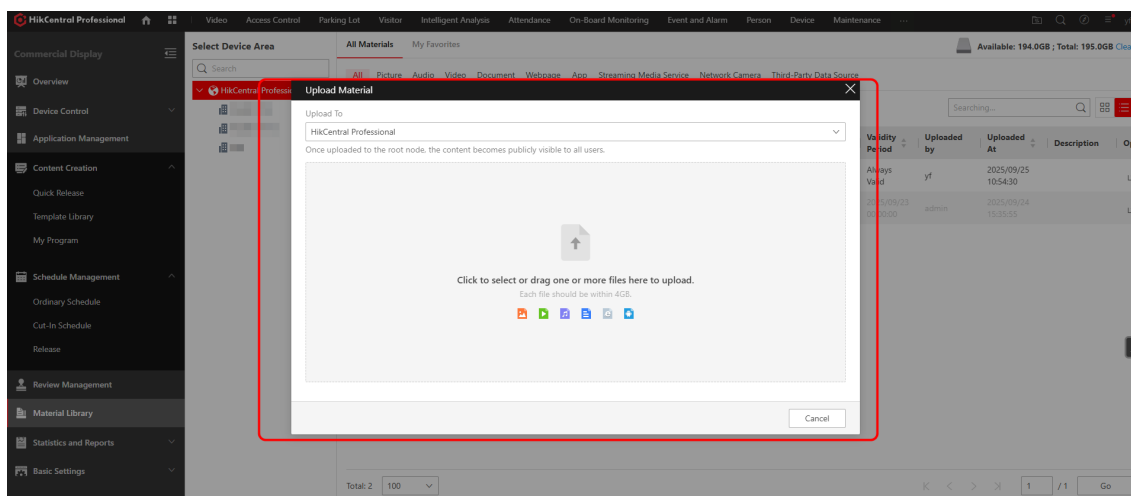


Figure 12-27 Local Upload

3. (Web Client) Adds an **Expired** label and icon for expired materials.

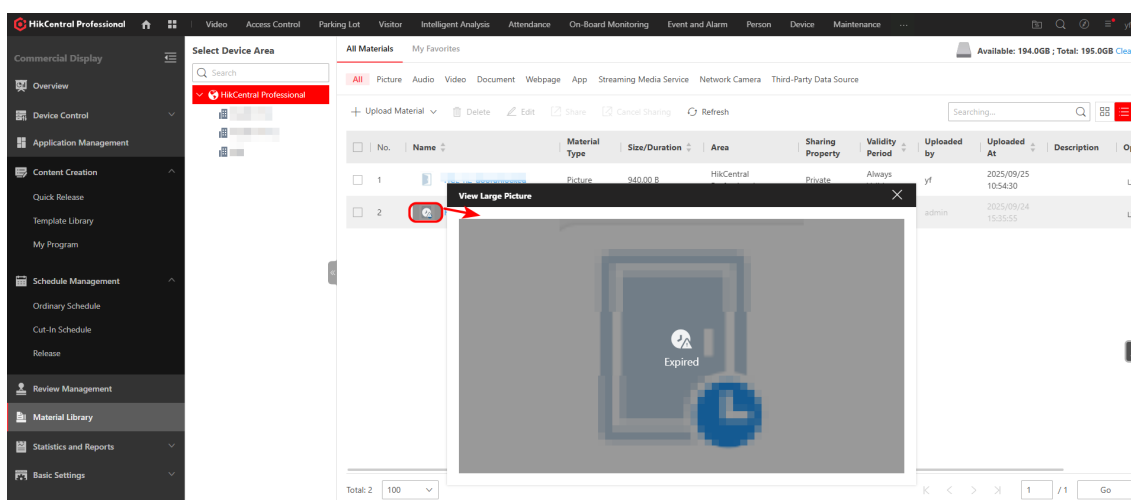


Figure 12-28 Expired

12.4 Statistics and Reports

New Features

1. (Web Client) On the Content Playing Statistics page, supports viewing the total playback time on the device based on the program dimension. You can search for program names (fuzzy search supported) and sort programs by playback time.

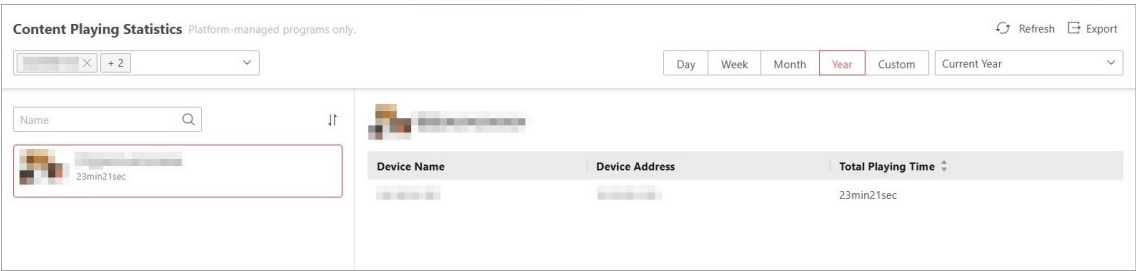


Figure 12-29 Content Playing Statistics

2. (Web Client) On the Material Playing Statistics page, supports viewing the total playback time and play count on the device based on the material dimension. You can search for material names (fuzzy search supported) and sort materials by playback time.

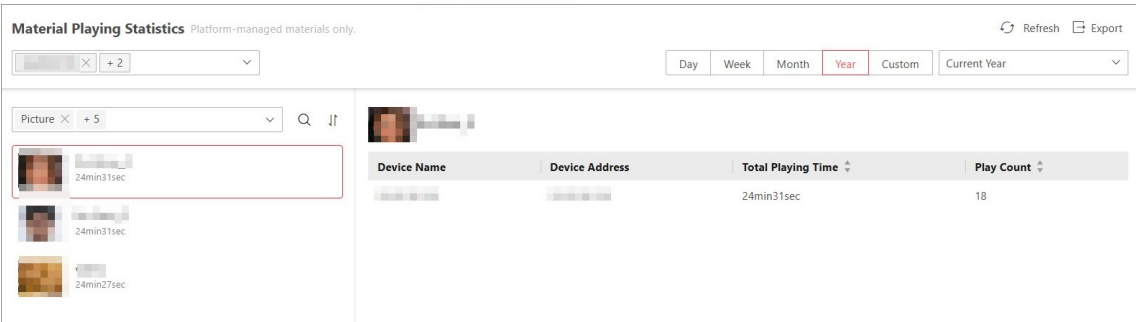


Figure 12-30 Material Playing Statistics

3. (Web Client) Adds a new **Application Usage Statistics** page. Supports viewing the usage duration of specified apps on each device, including device name, address, and usage time. You can export the statistics, including basic information (export time, operator, etc) and detailed information (application name, total usage time, etc) in Excel or CSV format.



(Web Client) On the Flat Panel Usage Statistics page, optimizes its page design.



12.5 Review

New Features

(Web Client) Review records containing empty programs/schedules cannot be approved.

Chapter 13 Visitor Management

New Features

1. (Web Client & Mobile Client) Supports configuring parking lot permission on the reservation page and the unreserved check-in page. Supports managing parking lots for reservation and check-in on the **Basic Configuration → Permission Management → Parking Lot** page.
2. (Web Client) Introduces integration between visitor management and the face database. When the **Auto Import Visitor Face Picture to Face Picture Library** option is enabled, the system automatically syncs visitor photos to the default Visitor Face Group during reservation or check-in, and removes them after check-out, effectively reducing false alarms triggered by strangers. Additionally, visitor records now display linked face picture library information for easier management.

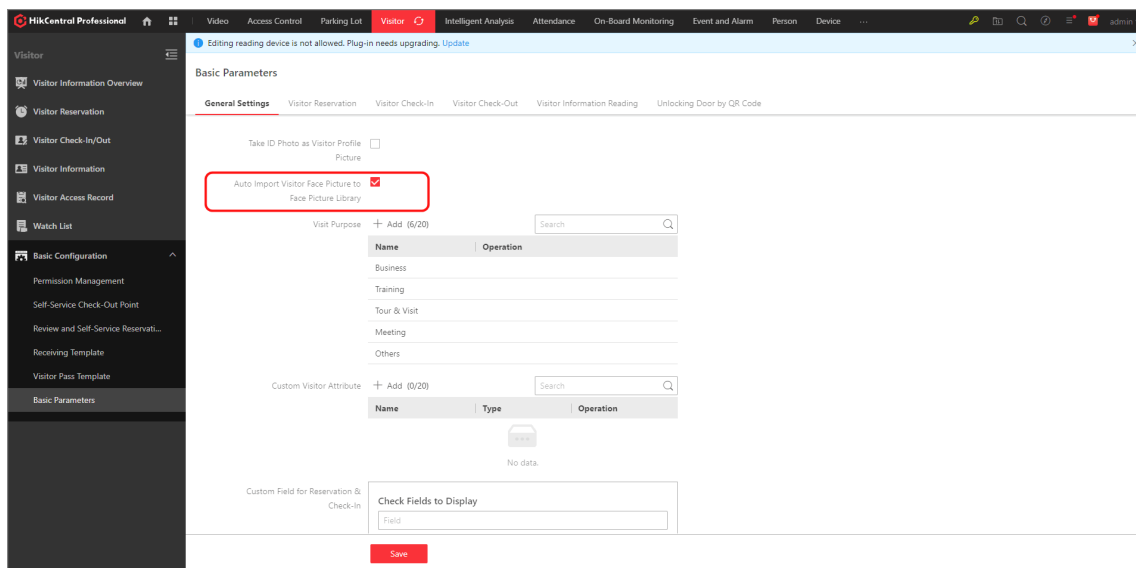


Figure 13-2 Visitor Face Import

Optimizations

1. (Web Client & Mobile Client) Allows up to five hosts per reservation, each with independent visit time and access permissions, supporting automatic multi-approval flow matching.

HikCentral Professional V3.1.0 Release Notes

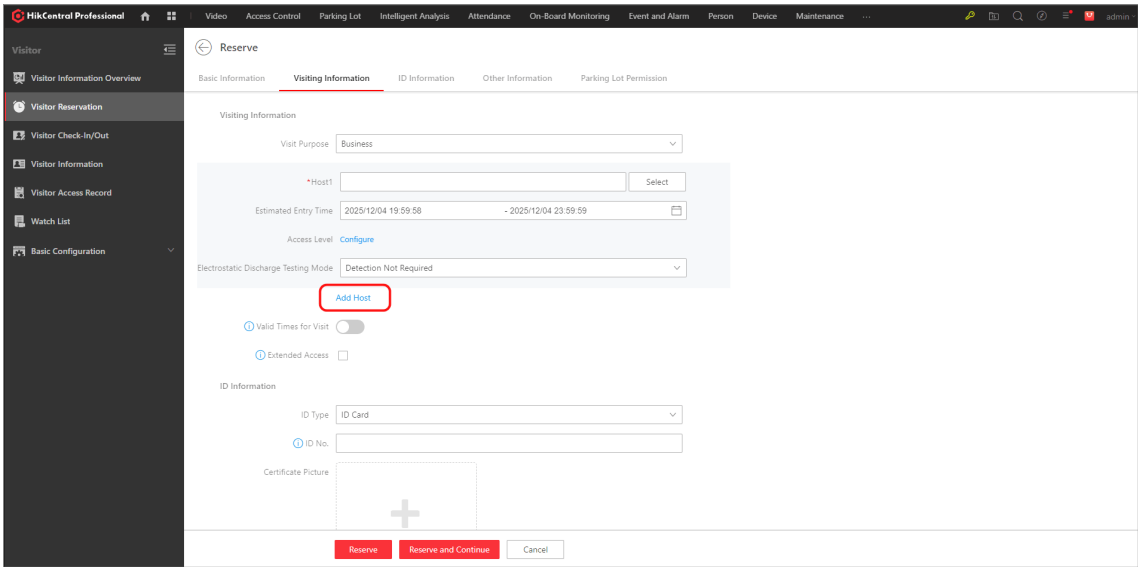


Figure 13-3 Multiple Hosts

2. (Web Client) Supports uploading a picture when setting the email template.

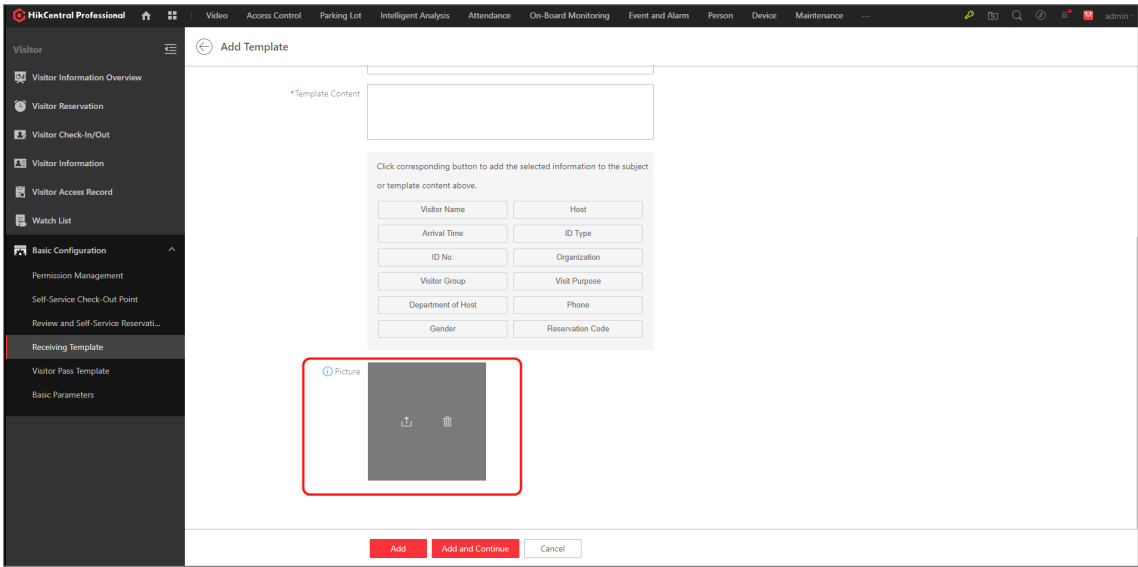


Figure 13-4 Picture for Email Template

3. (Web Client) On the Visitor Vehicle page, supports deleting visitor vehicles from the list and viewing the parking lot access permission of vehicles.

After the license plate number is entered during visitor registration, the vehicle will be displayed in the visitor vehicle list automatically. After the visitor checked out, the visitor vehicle will be removed from the list.

☐	License Plate No.	Vehicle Owner Name	Phone	Card No.	Effective Period	Parking Lot Entry and Exit
☐	44	11	--	--	2021-11-11 23:00:00	Expired
☐	+C	fang	--	2021-11-11	2021-11-11 26 23:00:00	Normal
☐	We	fang	--	2021-11-11	2021-11-11 17 23:00:00	Expired
☐	cC	2021-11-11	--	2021-11-11	2021-11-11 28 23:00:00	Expired
☐	2a	TV+BUro=	12345678	2021-11-11	2021-11-11 10 23:00:00	Expired
☐	60		1	--	2021-11-11 31 23:00:00	Expired
☐	9N		15	2021-11-11	2021-11-11 31 23:00:00	Expired
☐	41		--	2021-11-11	2021-11-11 31 23:59:59	Expired
☐	fA	5 5	--	--	2021-11-11 28 23:59:59	Expired

Figure 13-5 Visitor Vehicle List

- (Web Client) Supports setting dedicated default visitor permissions for different system users from different departments to enable precise visitor management.
- (Web Client) Visitor access level now supports grouping.
- (Web Client & Mobile Client) Valid times for visit for each static QR code support up to 1,000 times.
- (Web Client) When the area settings is set to **Middle East and North Africa** in **Vehicle** → **Vehicle Information** → **Area Settings**, the country/region of license plate, plate category, license plate size, license plate type, and license plate color are offered in the **Custom Field for Reservation & Check-In**.

HikCentral Professional

Video Access Control Parking Lot Visitor Intelligent Analysis Attendance On-Board Monitoring Event and Alarm Person Device

Editing reading device is not allowed. Plug-in needs upgrading. Update

Visitor

Visitor Information Overview

Visitor Reservation

Visitor Check-In/Out

Visitor Information

Visitor Access Record

Watch List

Basic Configuration

Permission Management

Self-Service Check-Out Point

Review and Self-Service Reservati...

Receiving Template

Visitor Pass Template

Basic Parameters

Basic Parameters

General Settings

Visitor Reservation

Visitor Check-In

Visitor Check-Out

Visitor Information Reading

Unlocking Door by QR Code

Custom Visitor Attribute

+ Add (0/20)

Search

Name

Type

Operation

No data.

Custom Field for Reservation & Check-In

Check Fields to Display

Field

Field

Set as Required

☒ License Plate No.

☐ Country/Region of License Plate

☐ Plate Category

☐ License Plate Size

☐ License Plate Type

☐ License Plate Color

☒ Email

☐ Password

Save

Chapter 14 License

New Feature

Adds two new licenses: Optical Fiber Sensing and Traffic Incident Monitoring.

License Details

License Details

Latest Expiry Date : 2026/01/15(Trial Period)

Portable Code Scanners	1/256
Third-Party Integration	
SIA	Enabled
BACnet	Enabled
OpenAPI	Enabled
Optimus Resources	0/10000
Sur-Gard	Enabled
Modbus	Enabled
Custom Resource	1/10000
Resource Management Cluster	
Sub Servers	0/5
Optical Fiber Sensing	
Total Optical Fiber Length (m)	38700/100000
Software Management	
Software Upgrade	Enabled
Software Maintenance Service	 
Primary Service	Expiry Date: 2026/10/14
Elite Service	Expiry Date: 2026/04/14

Please properly keep your activation code. Deactivate the activation code if you need to uninstall the software, otherwise the activation code cannot be used any more.

Figure 14-1 Optical Fiber Sensing License

License Details

License Details

Latest Expiry Date : 2026/01/15(Trial Period)

Lanes	9/40
Entrance/Exit Control Devices	4/40
Parking Spaces	876/10000
Query Terminals	4/16
Automatic Payment Machines	16/16

UVSS

UVSSs0/4

Traffic Incident Monitoring

Traffic Incident Monitoring	Enabled
Traffic Incident Monitoring Camera	2/1000

Commercial Display

Third-Party Data Display for Digital Signage	Enabled
Display Screens for Commercial Display	0/2048
Information Release Channels	0/2048

Intelligent Analysis

Queue Analysis	Enabled
People Counting Analysis	Enabled

Please properly keep your activation code. Deactivate the activation code if you need to uninstall the software, otherwise the activation code cannot be used any more.

Figure 14-2 Traffic Incident Monitoring License

Chapter 15 System

New Features

1. Adds two add-ons: Optical Fiber Sensing and Traffic Incident Monitoring.
2. (Web Client) In the Email part, adds the Expiry Notification Email Template page which supports configuring email notification templates for user account password expiry and person effective period expiry.

The screenshot displays the 'Expiry Notification Email Template' configuration interface. The left sidebar lists system settings, with 'Email' expanded to show 'Expiry Notification Email Template'. The main panel has two tabs: 'Account Password Expiry' and 'Person Effective Period Expiry'. The 'Account Password Expiry' tab is active, showing a form with the following fields:

- *Subject:** Password Expiry Reminder
- *Email Content:** Dear \${User Name}, The password for your account \${User Name} of HikCentral Professional will expire in \${Remaining Days} day(s). Please change your password soon for account security and system access. For any question, please contact the admin \${Administrator Email}. \${Company Name}

Below the email content, there is a section titled 'Click Button Below to Add Related Information' with four input fields:

- User Name
- Company Name
- Remaining Days
- Administrator Email

At the bottom, there are two buttons: 'Save' (red) and 'Restore Default' (white).

Figure 15-1 Expiry Notification Email Template

3. (Mobile Client) Updates the system interface thus improves the user experience.

Optimizations

1. Microsoft® Windows Server 2012 R2 (64-bit) and Microsoft® Windows Server 2012 (64-bit) are not recommended since this version.
2. (Web Client) Changes the entry "Site Registration" to "Site Registration and Connection", and on the Site Registration page, the site connection status is displayed.

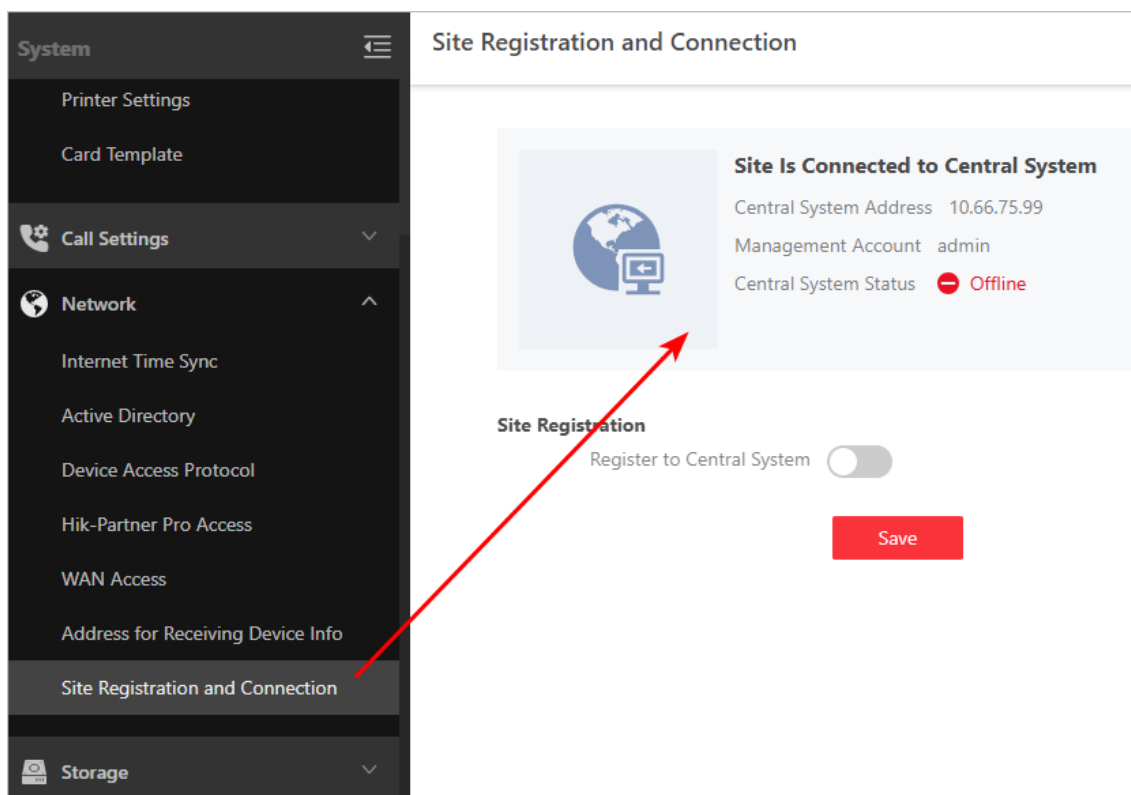


Figure 15-2 Site Registration and Connection

3. (Web Client) On the Service Component Certificate page, adds the Double Authentication function for regenerating the certificate between services in the system, requiring entering user login password for security.

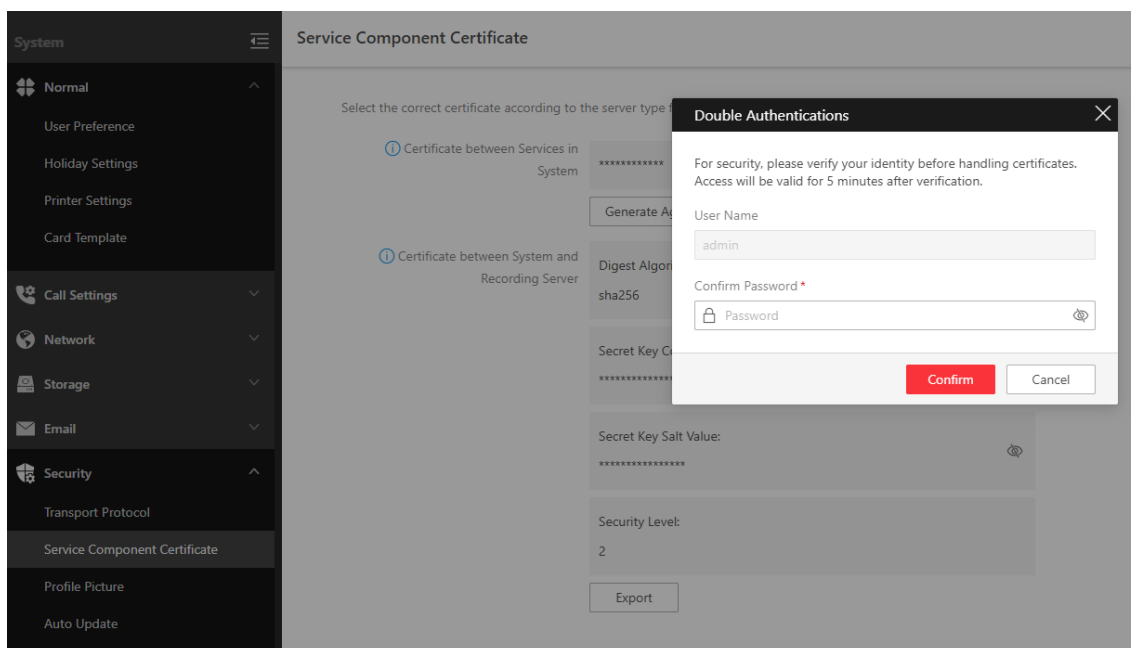


Figure 15-3 Service Component Certificate

4. (Web Client) On the Transport Protocol page, adds the Certificate Validation function, preventing connections to untrusted server addresses and thereby securing the communication channel. The system offers three certificate validation modes to meet security requirements in different scenarios: High, Medium, and Basic. Before the first time login, a warning message will pop up for installing root certificate.

Transport Protocol

Transfer Protocol Between Platform and Browser

☐ HTTP ⓘ

☒ HTTPS ⓘ

Make sure TLS (Transport Layer Security) V1.2 or later is supported and enabled on your browser.

Certificate Security Level

Basic ▾

Certificate verification will not be performed during connection to the server.

Certificate

☐ Platform Provided Certificate ⓘ

☒ New Certificate ⓘ

*Upload Certificate

The certificate should be in PEM (Privacy Enhanced Mail) format. Make sure that the public key and private key in the certificate are in the same file.

Upper-Level Certificate

Add

Delete

☐	Certificate Name	File Size	Operation
--------------------------	------------------	-----------	-----------

Save

Figure 15-4 Certificate Management

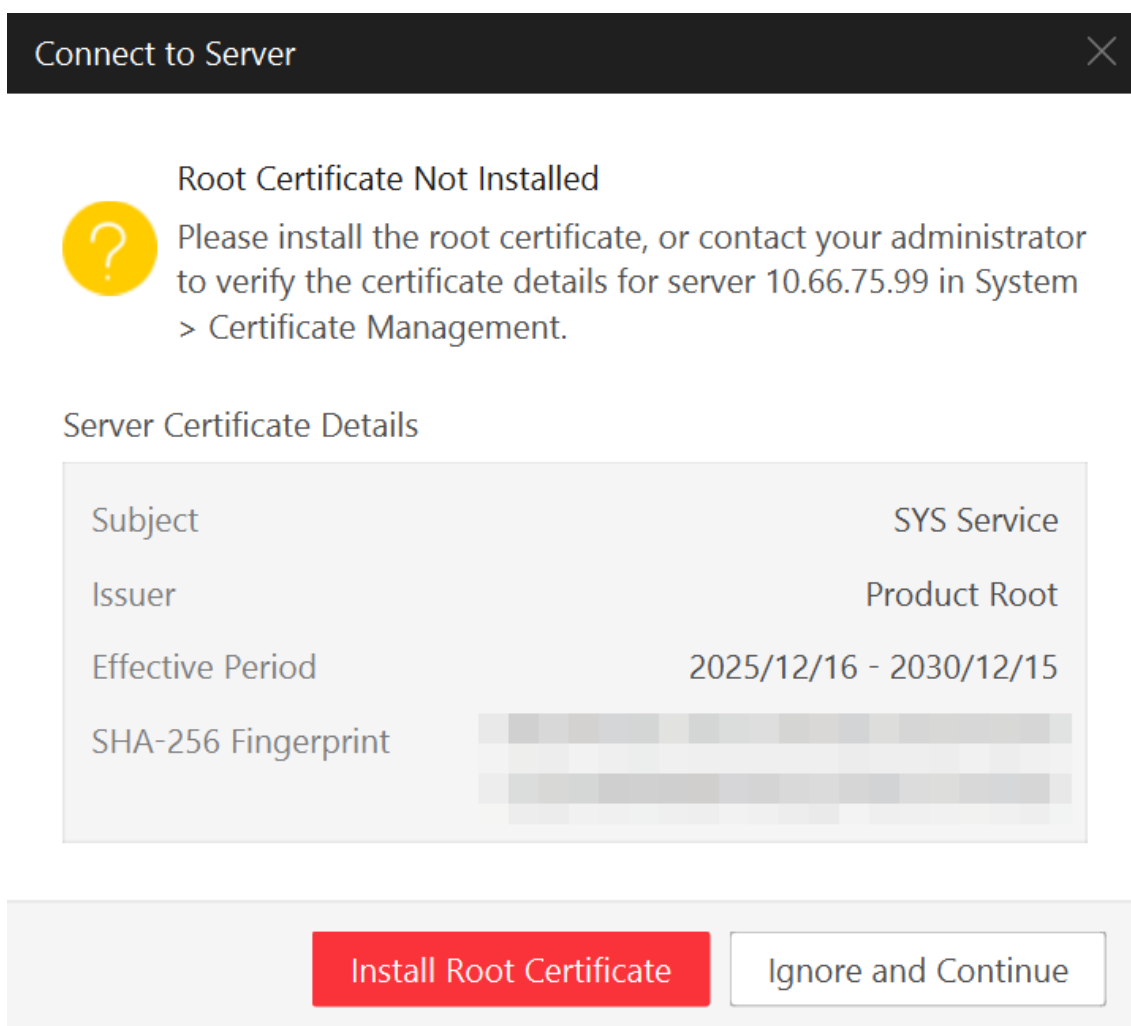


Figure 15-5 Install Root Certificate

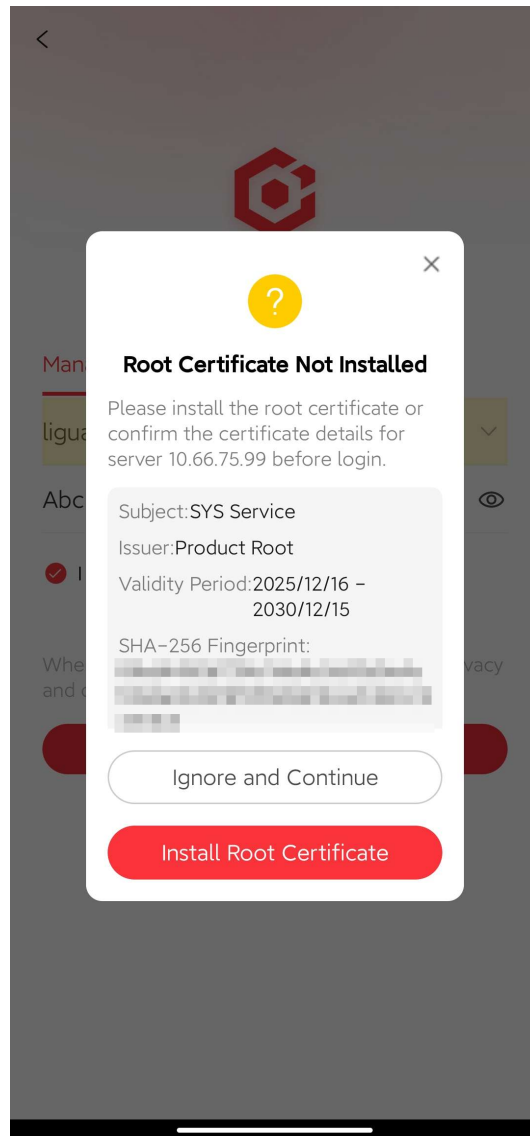


Figure 15-6 Install Root Certificate

Before the first time login, a warning message will pop up for installing root certificate.

5. (Web Client) The certificate between service in system is not displayed and cannot be copied by default. Only the admin user can view or copy it after entering the password. It will be displayed after the admin user entering password and clicking **Generate Again**.

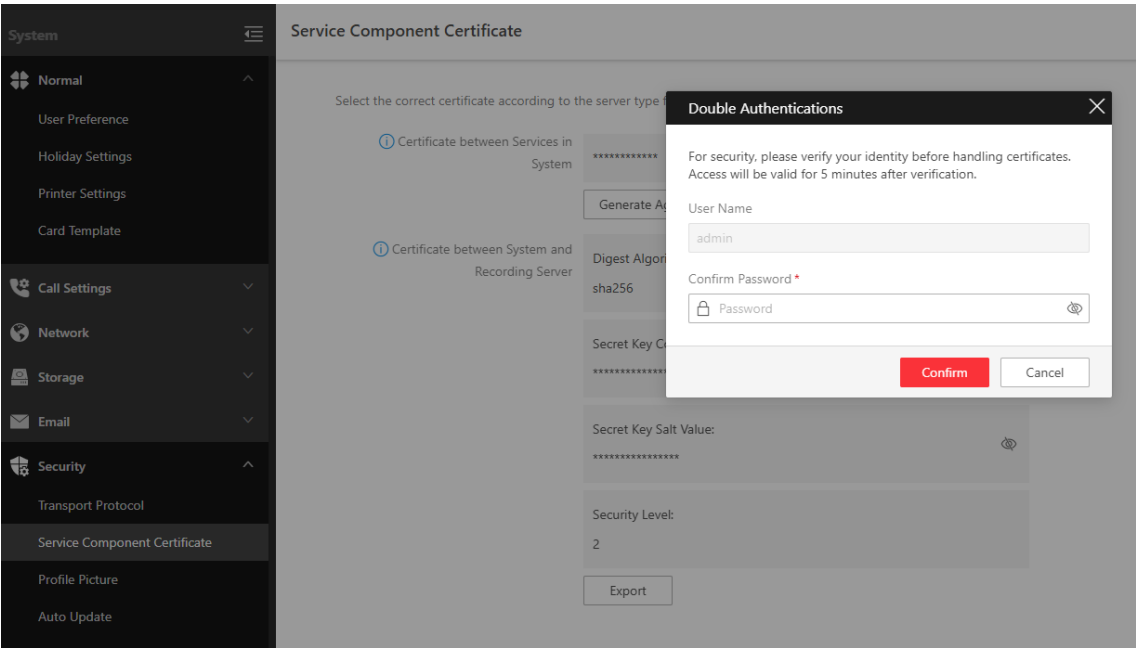


Figure 15-7 Service Component Certificate

6. (Web Client) On the Standalone Deployment Wizard of the Server, changes the **Mirror Hot Spare** to **Local Mirroring Hot Spare**, and adds the installation mode of **Remote Mirroring Hot Spare**.

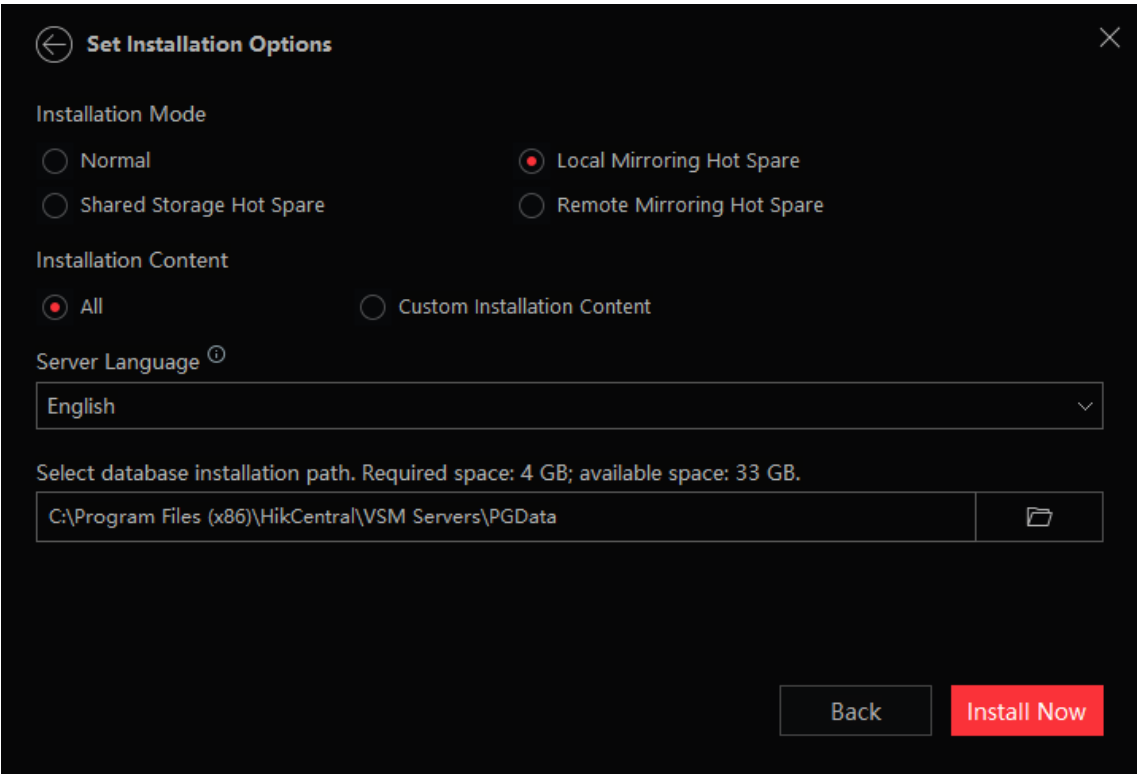


Figure 15-8 Installation Wizard

7. (Web Client) Supports configuring remote hot spare.

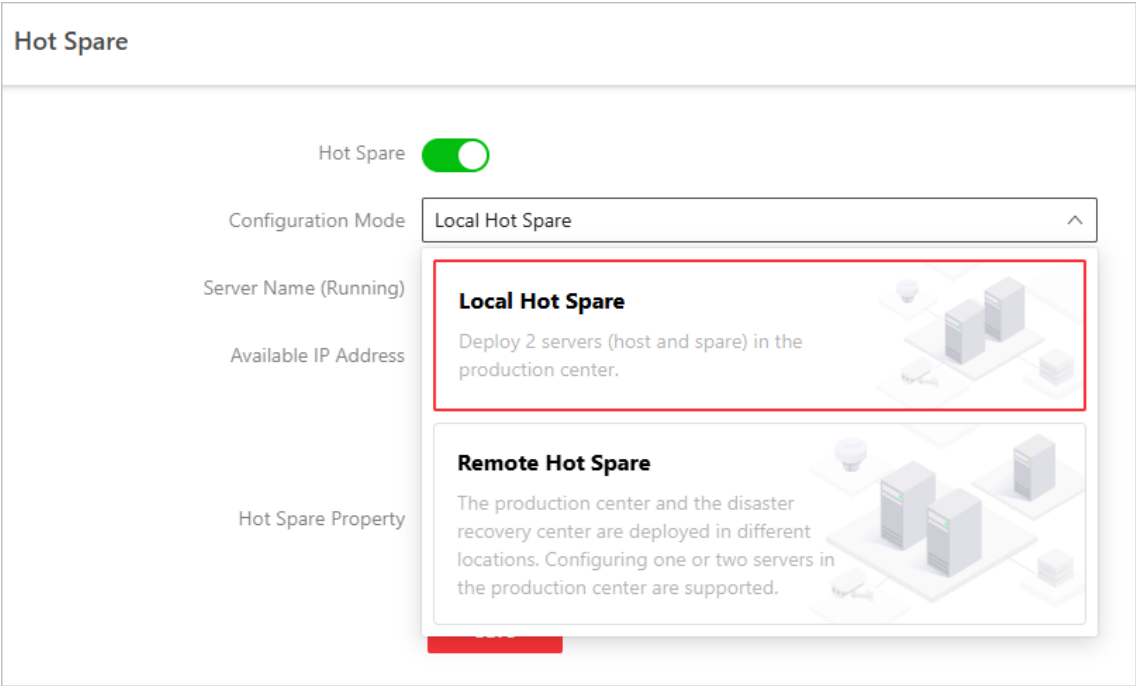


Figure 15-9 Hot Spare

Figure 15-10 Remote Hot Spare

- (Web Client and Control Client) System connected to the Hik-Partner Pro can get a new patch package of the system, and then notify users for installation. You can click **Download** to download and install.

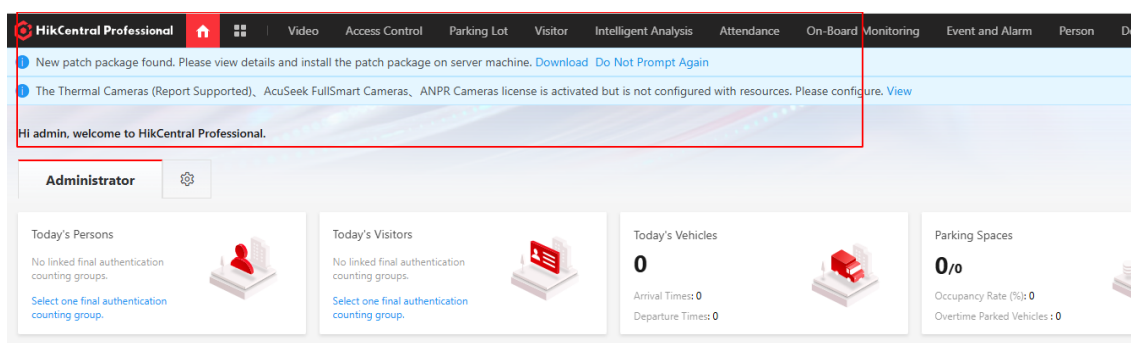


Figure 15-11 New Patch Package Notification on Web Client

After the new patch package is installed on the Web Client, the Control Client will pop up an update reminder. For add-ons of Industrial Innovation, the new component package will be downloaded together.

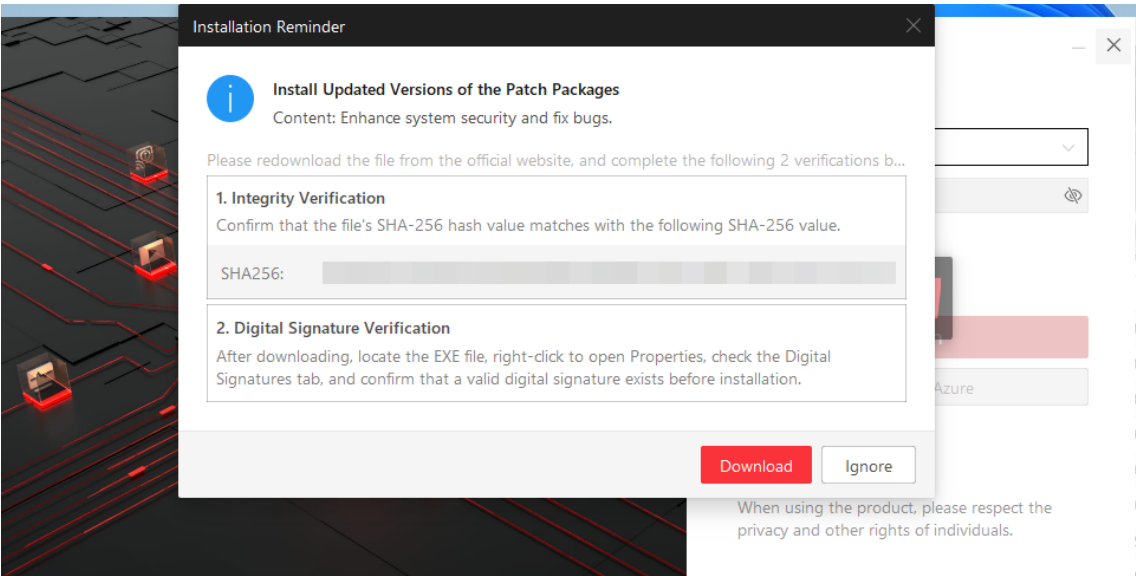


Figure 15-12 Installation Reminder on Control Client

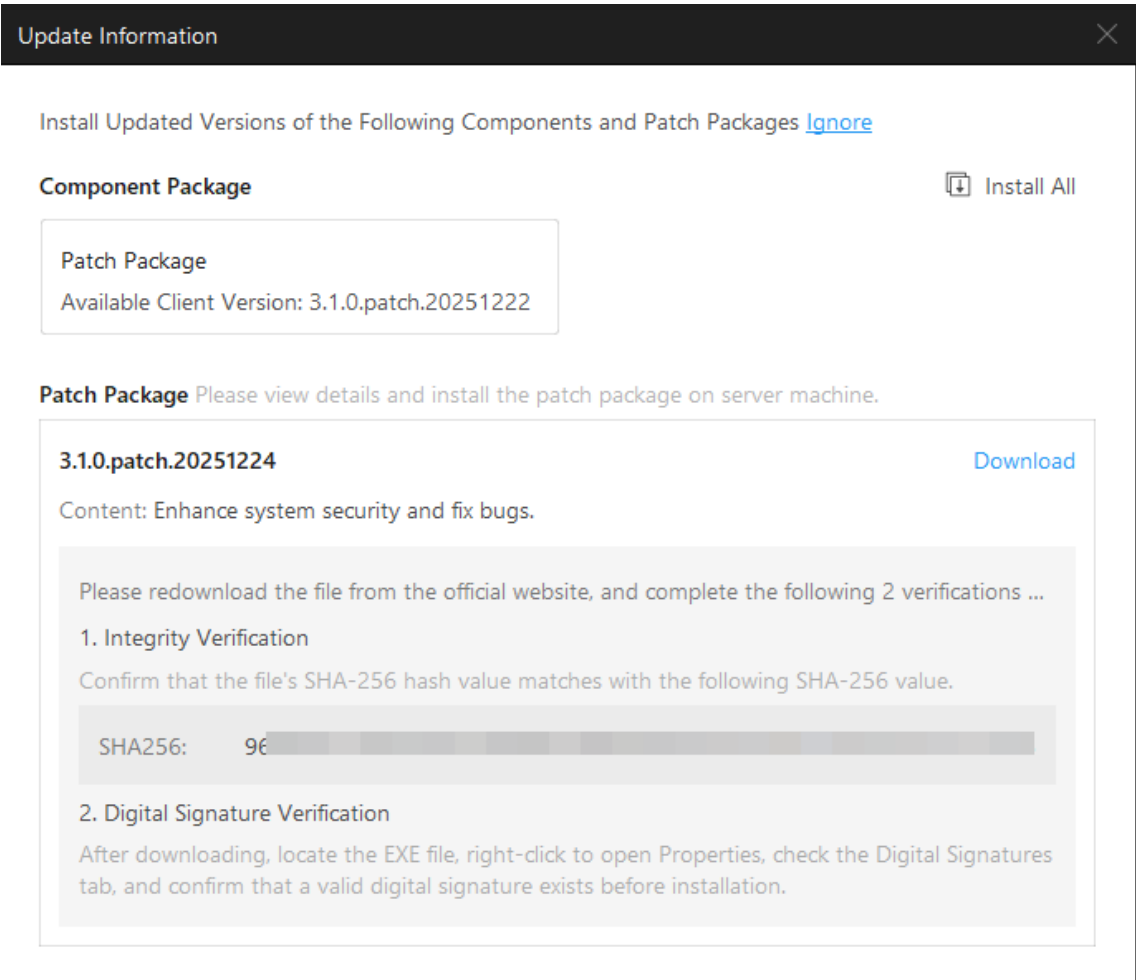


Figure 15-13 Update Information

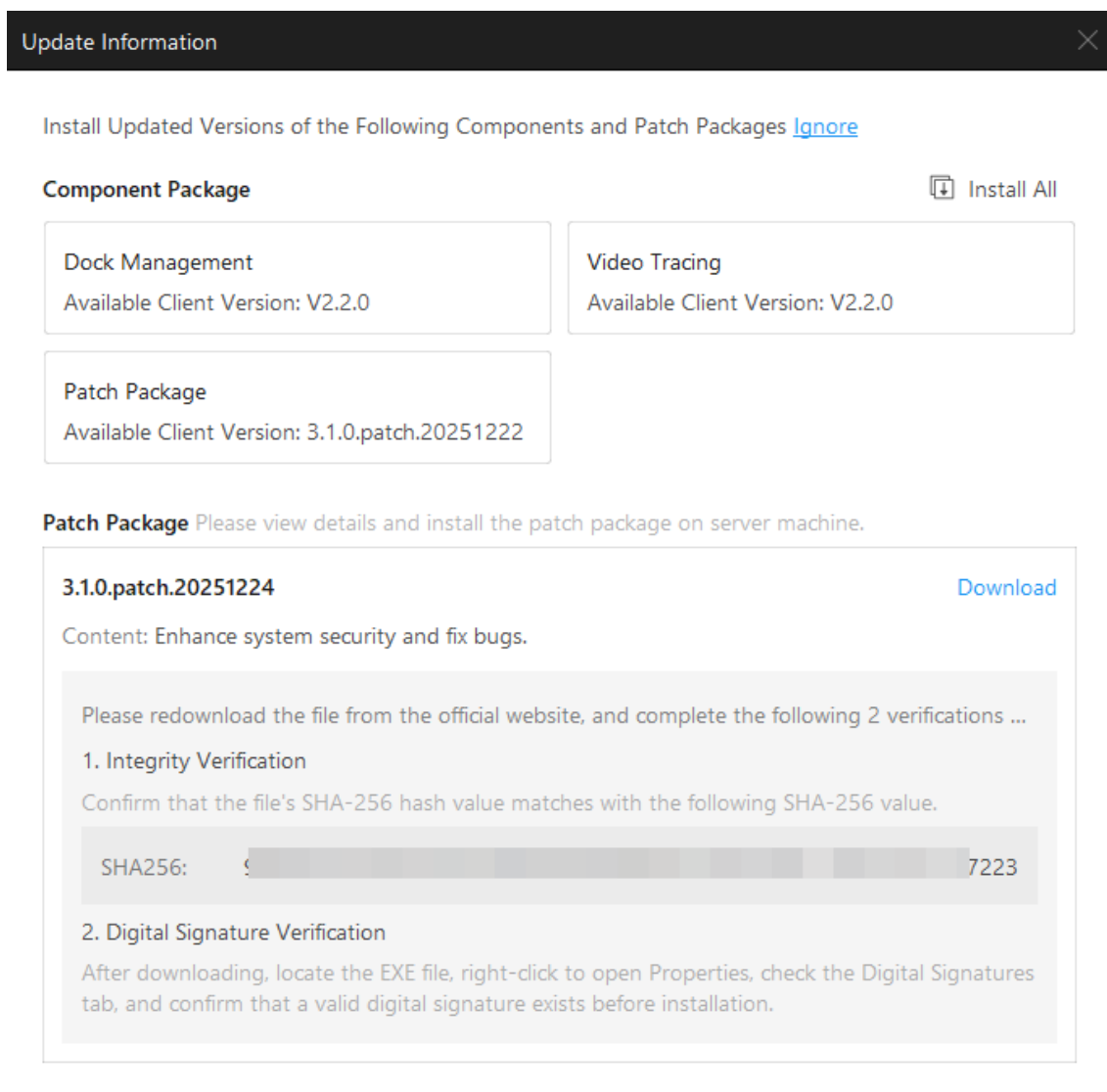


Figure 15-14 Update Information for Add-ons of Industrial Innovation

9. (Control Client) Adds shortcuts for video time bar control.

System					
General Basic Video Vehicle Smart Wall Digital Control Panel Calling Health Status Screen Position AcuSeek	General Parameters		Shortcut		
	16	Quick Start Live View	F11		
	17	Long Press to Start Two...	Please select.		--
	18	Start/Pause Playback	P		
	19	Single Frame (Reverse)	←		
	20	Playback by Single Frame	→		
	21	Fast	↑		
	22	Slow	↓		
	23	Play	]		
	24	Reverse Play	[		
	25	Upward		Up	Up
	26	Downward		Down	Down
			Save	Default	

Figure 15-15 Time Bar Shortcuts

10. (Mobile Client) Supports selecting different modules to display on the Home page.

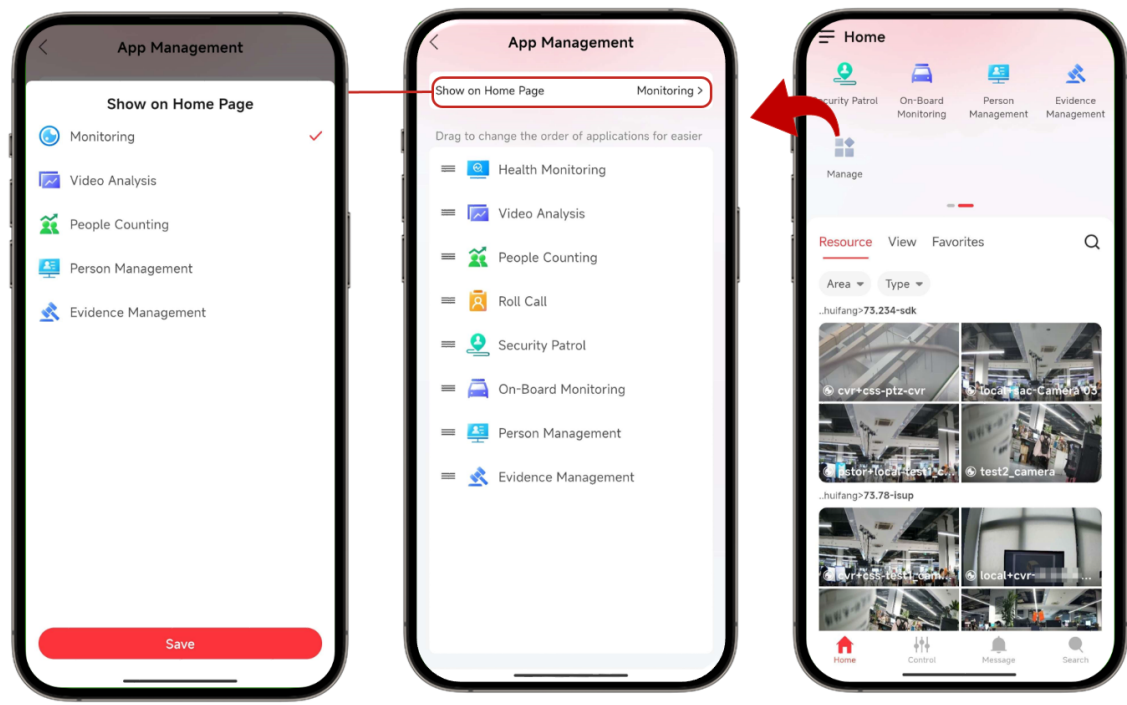


Figure 15-16 Show on Home Page

11. Supports Norwegian language.

Chapter 16 Person

New Features

1. (Web Client) Adds a new credential type: keyfob. Supports manually adding or auto-discovering.

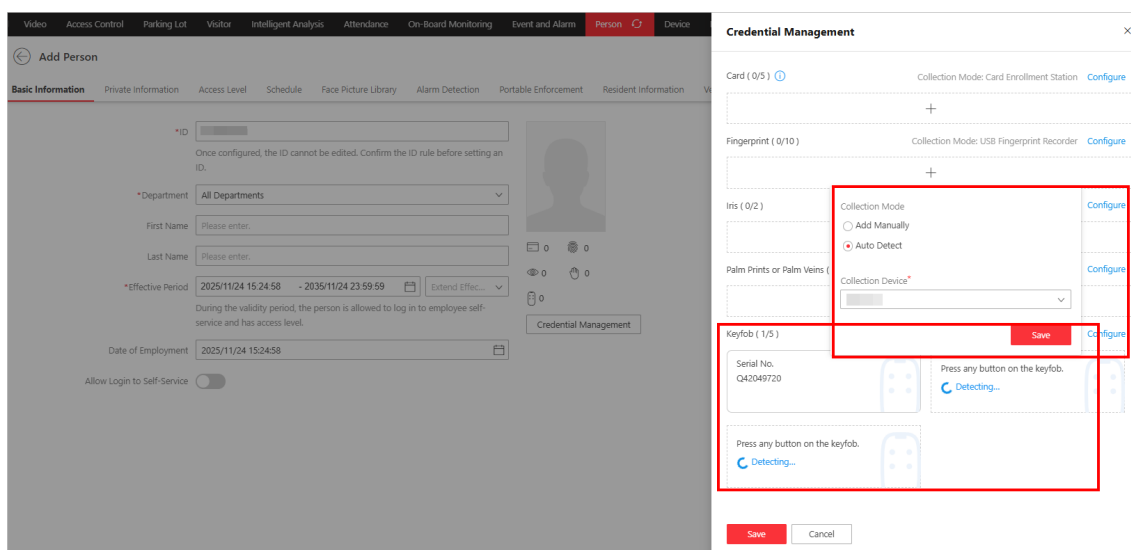


Figure 16-1 Keyfob Credential

2. (Web Client) Adds the function of automatically disabling persons who have no access records in the configured duration.
 - On the **Person Settings** → **Disable Settings** tab, supports enabling the Auto Unauthorized Person function and configuring the duration. The icon  will show beside ID of the unauthorized person.

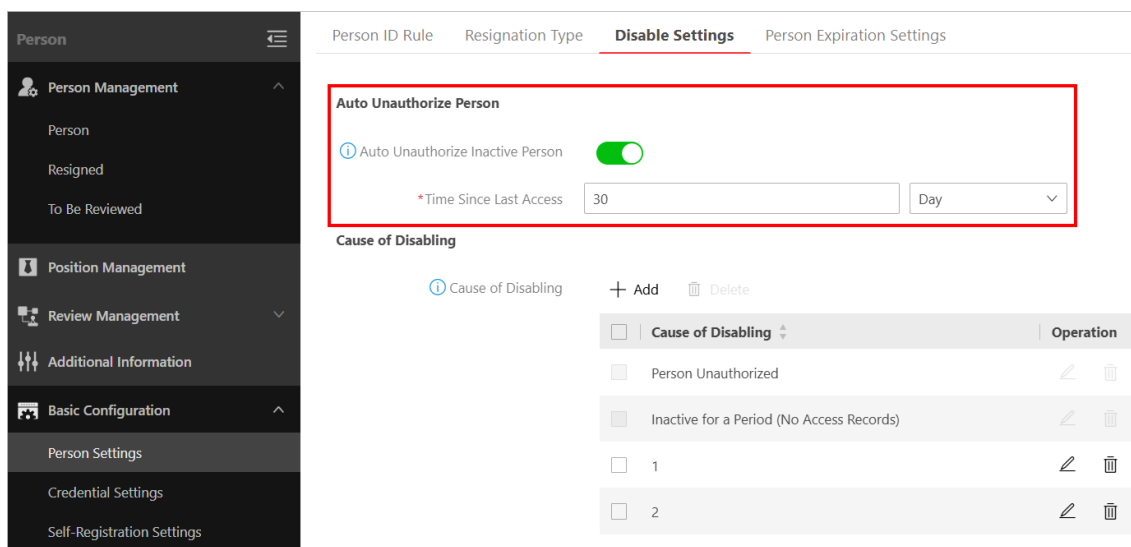


Figure 16-2 Disable Settings

- On the pane of turning a person as resigned, adds the option of removing person's access level immediately.

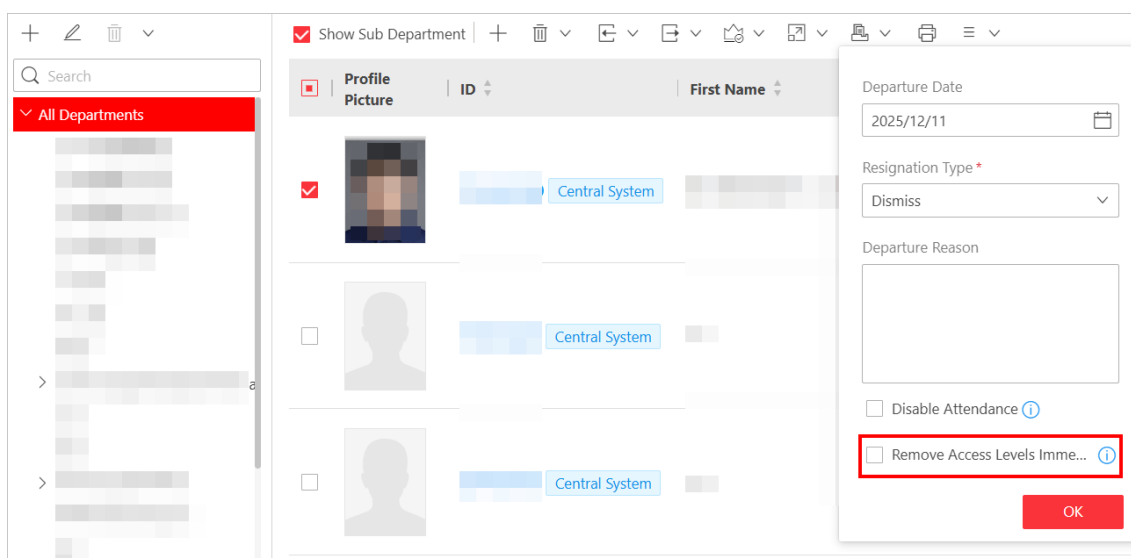


Figure 16-3 Remove Access Level Immediately

3. (Web Client) In the Basic Configuration section, adds the **Person Expiration Settings** tab page where you can enable the email notification for persons who are about to expire.

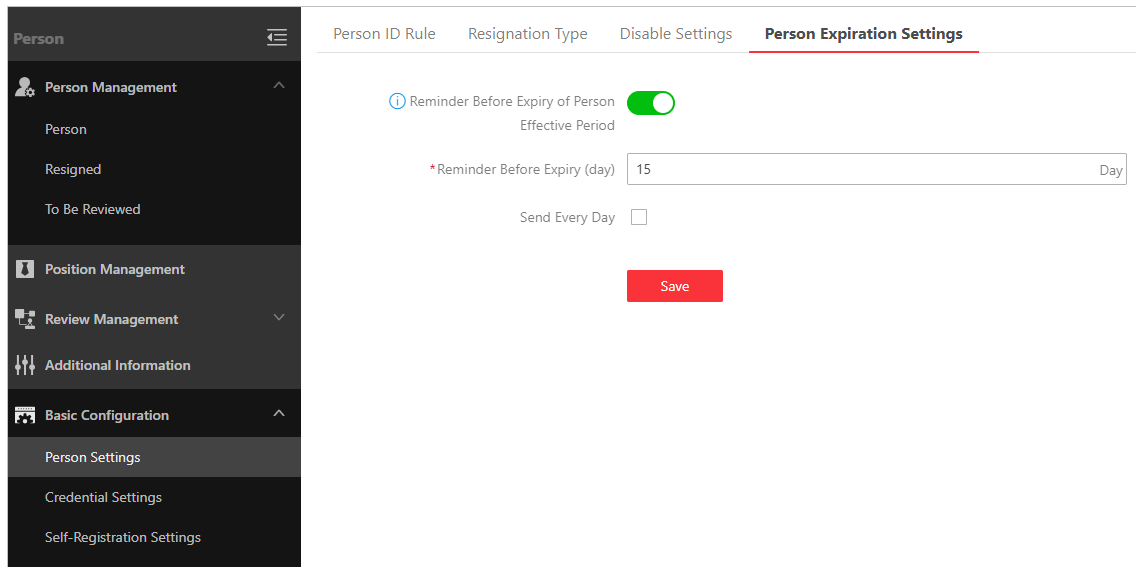


Figure 16-4 Personnel Expiration Settings

4. (Web Client) In the More drop-down list, adds the option of assigning person(s) to remote sites for management.

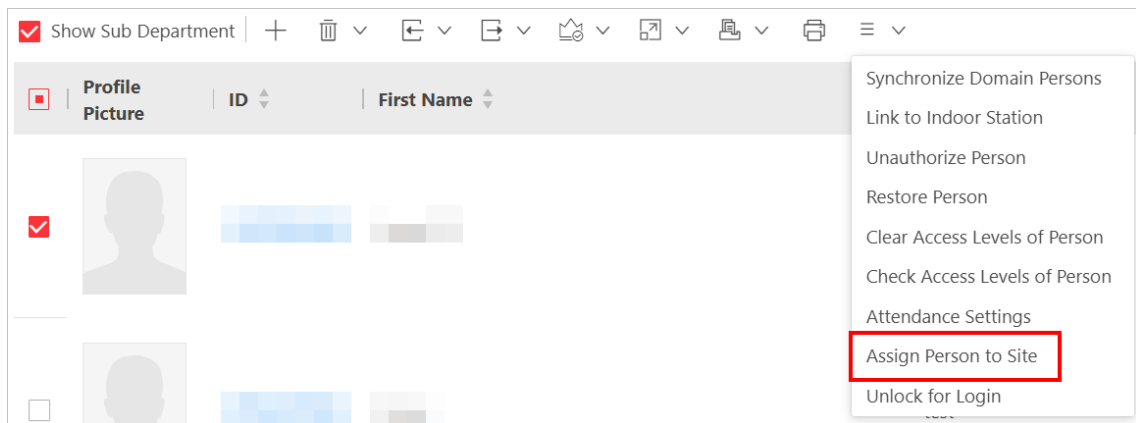


Figure 16-5 Assign Person to Site

In the Person list of the remote site, the mark **Central System** will be displayed beside the person's ID.

After editing person information in the remote site, you can check the changed persons and click **Copy Back Person to Central System** for review. Once approved by the admin in the Central System, the edited person information will be displayed in the Central System.

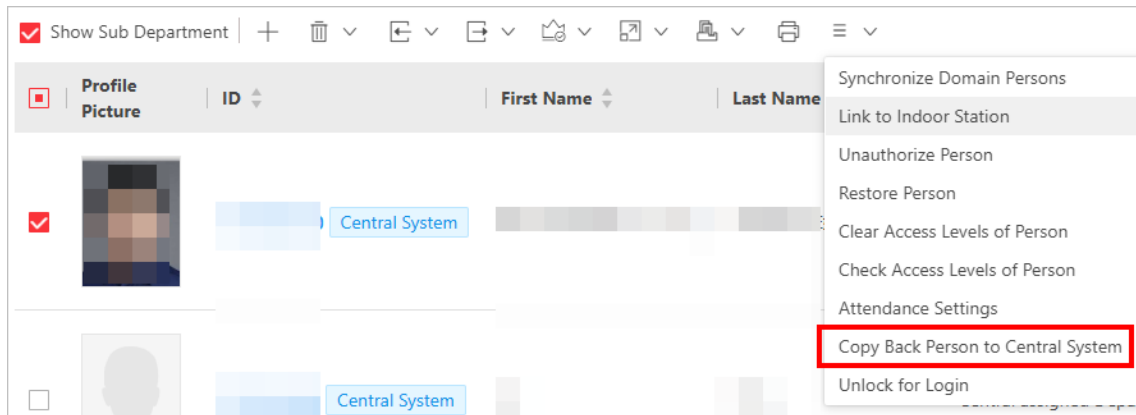


Figure 16-6 Copy Back Person to Central System

Optimizations

1. (Web Client) On the Add Person page, adds the **Allow Vehicle Attendance Check**. With this parameter checked, once the person accesses the campus by license plate No., the system will automatically check in for the person, providing a reliable, hands-free solution for modern attendance management, aligning with best practices in security software.

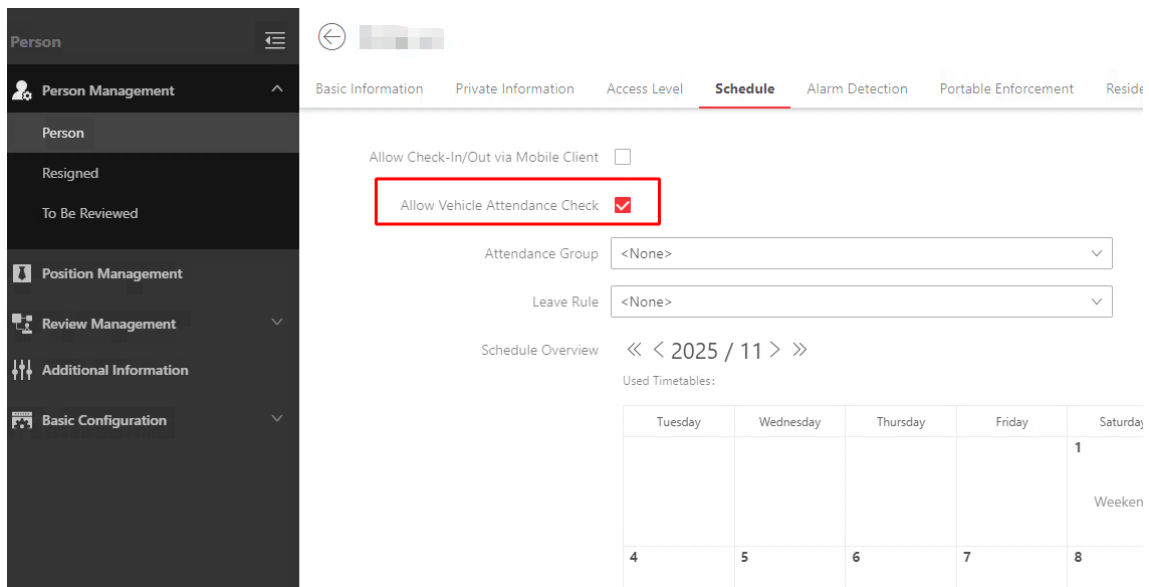
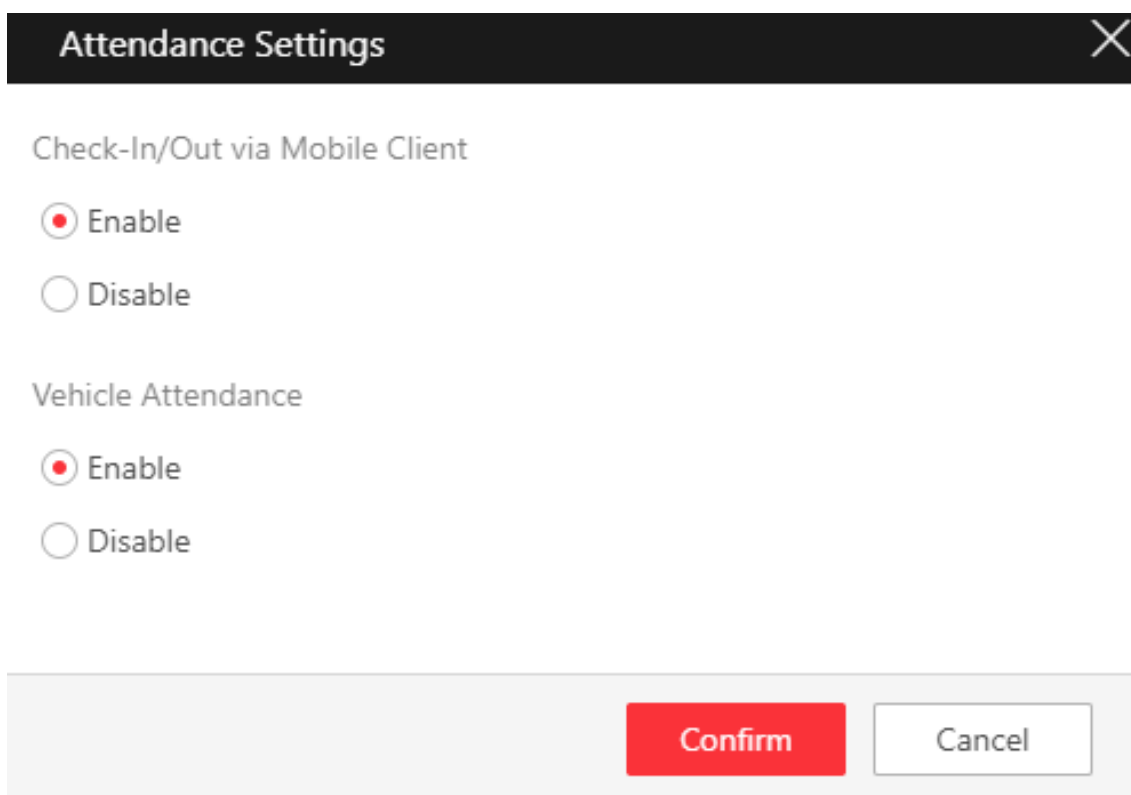


Figure 16-7 Add Person Page

In the Person page, supports check persons and click **More** → **Attendance Settings** to enable vehicle attendance for them.



The image shows a dialog box titled "Attendance Settings" with a close button (X) in the top right corner. It contains two sections: "Check-In/Out via Mobile Client" and "Vehicle Attendance". Each section has two radio button options: "Enable" (selected) and "Disable". At the bottom right, there are two buttons: "Confirm" (red) and "Cancel" (white with a gray border).

Attendance Settings

Check-In/Out via Mobile Client

☒ Enable

☐ Disable

Vehicle Attendance

☒ Enable

☐ Disable

Confirm **Cancel**

Figure 16-8 Attendance Settings

2. (Web Client) On the Vehicle Information tab of the Add/Edit Person page, adds the function of Control the Number of Passing Vehicles. When you check this, you need to configure the **Vehicles Allowed Passing**. When the number of vehicles entering the parking lot does not exceed the permitted limit, they are considered registered vehicles. When the number exceeds the permitted limit, vehicles entering the parking lot are treated as temporary vehicles.

HikCentral Professional V3.1.0 Release Notes

Basic Information

Private Information

Access Level

Schedule

Face Picture Library

Alarm Detection

Portable Enforcement

Resident Information

Vehicle Information

Emergency Counting Group

Skin-Surfac

All

Vehicle

+ Add

Delete All

Unknown-Unknown-1111

Edit

Delete

Vehicle List	Brand	Color	Vehicle Type	Linked Card No.
	None	None	None	None

Unknown-Unknown-vvokjope

Edit

Delete

Vehicle List	Brand	Color	Vehicle Type	Linked Card No.
	None	None	None	None

Parking Lot

Parking Lot Entry and Exit Settings

WWtest

Control the Number of Passing Vehicles

Delete

Vehicle

Time Period

Not Supported-Unknown-1111, ...

Edit

2025/12/18 - 2026/01/16

Normal

Edit

fst

Control the Number of Passing Vehicles

Delete

Vehicle

Vehicles Allowed Passing

Time Period

Not Supported-Unknown-1111, ...

Edit

-

1

+

Multiple

Details

Save

Cancel

Figure 16-9 Person Details

3. (Web Client) On the pane of Import Person Information via Excel, adds the rules for importing access levels. You can import new access levels with existing access levels kept, or replace existing access levels with imported ones.

Import Person Information via Excel [X]

Supports importing all information via Excel.

Upload Excel File *

[Text Field] [Folder Icon]

The file should be within 10 MB. [Download Template](#)

Replace Information

- ☒ Replace Repeated Person ⓘ
- ☒ Auto Replace Card No. ⓘ

Rules for Importing Access Levels

- ☐ Keep Current and Add Imported Access Levels
- ☒ Replace Current with Imported Access Levels

[Import] [Cancel]

Figure 16-10 Import Person Information via Excel

4. (Web Client) In the excel template for importing person information, adds the terms including Access Level, Keyfob Credential, and Vehicle Attendance.

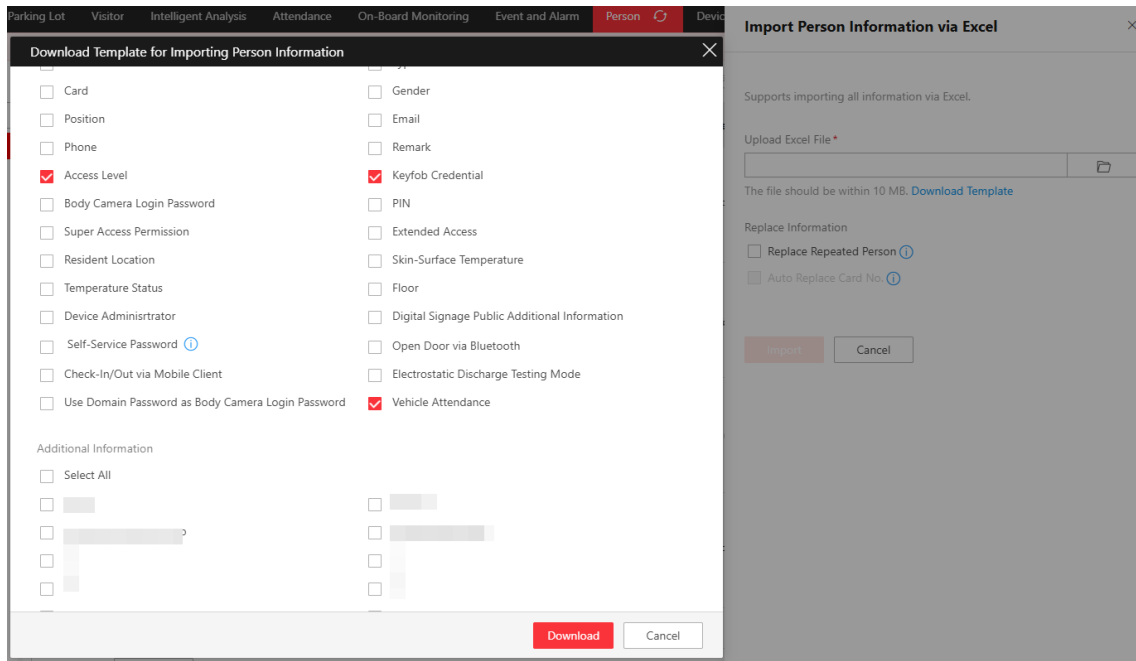


Figure 16-11 Template for Importing Persons

5. (Web Client) On the Approval Flow page, adds the option of **Transfer to Administrator for Approval When No Approval Process is Configured**. When no related approval flow is created, applications will be sent to the admin for review.

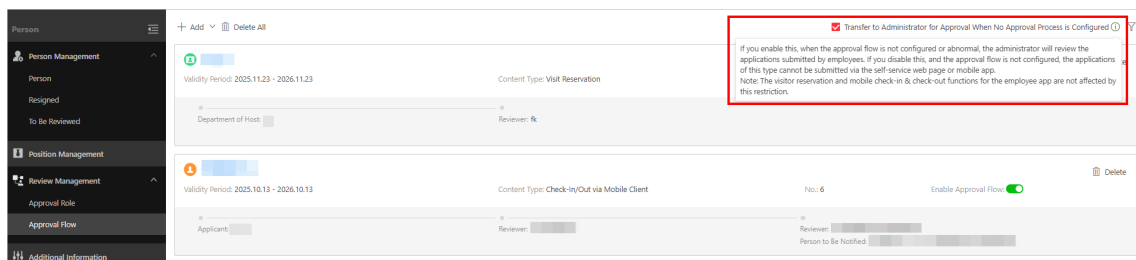
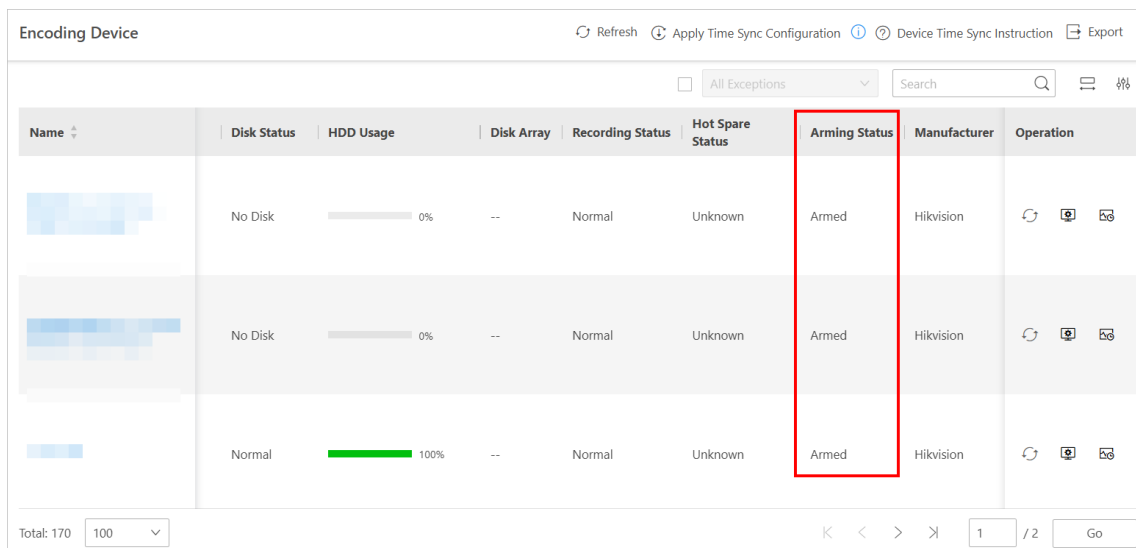


Figure 16-12 Approval Flow Page

Chapter 17 Maintenance

Optimizations

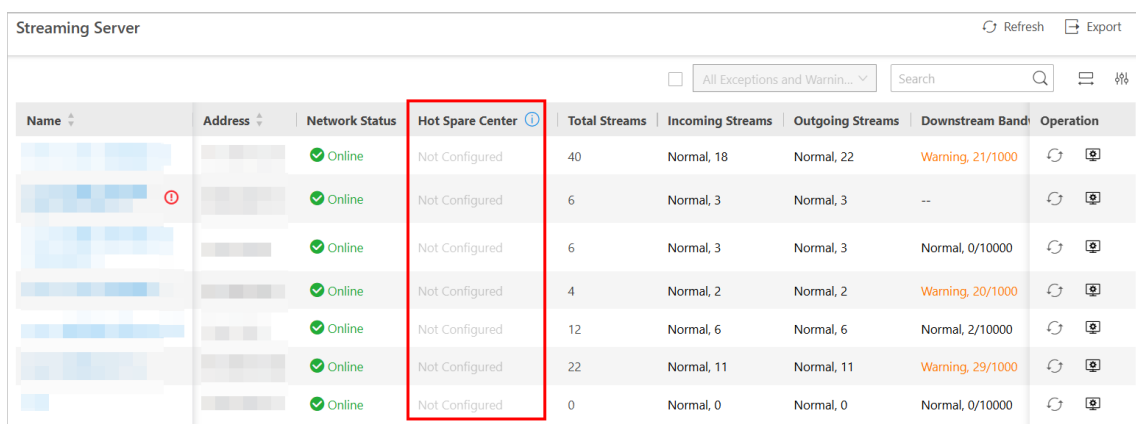
1. (Web Client & Control Client) For functions not supported by the device, the operational status is displayed as "not supported" instead of "abnormal".
2. (Web Client & Control Client) On the **Resource Status** → **Encoding Device** page, adds a column showing arming status.



Name	Disk Status	HDD Usage	Disk Array	Recording Status	Hot Spare Status	Arming Status	Manufacturer	Operation
[Redacted]	No Disk	0%	--	Normal	Unknown	Armed	Hikvision	[Icons]
[Redacted]	No Disk	0%	--	Normal	Unknown	Armed	Hikvision	[Icons]
[Redacted]	Normal	100%	--	Normal	Unknown	Armed	Hikvision	[Icons]

Figure 17-1 Encoding Device Status

3. (Web Client & Control Client) For system configured with remote hot spare, the Streaming Server status page displays the column of Hot Spare Center, showing the location of streaming servers.



Name	Address	Network Status	Hot Spare Center	Total Streams	Incoming Streams	Outgoing Streams	Downstream Bandwidth	Operation
[Redacted]	[Redacted]	Online	Not Configured	40	Normal, 18	Normal, 22	Warning, 21/1000	[Icons]
[Redacted]	[Redacted]	Online	Not Configured	6	Normal, 3	Normal, 3	--	[Icons]
[Redacted]	[Redacted]	Online	Not Configured	6	Normal, 3	Normal, 3	Normal, 0/10000	[Icons]
[Redacted]	[Redacted]	Online	Not Configured	4	Normal, 2	Normal, 2	Warning, 20/1000	[Icons]
[Redacted]	[Redacted]	Online	Not Configured	12	Normal, 6	Normal, 6	Normal, 2/10000	[Icons]
[Redacted]	[Redacted]	Online	Not Configured	22	Normal, 11	Normal, 11	Warning, 29/1000	[Icons]
[Redacted]	[Redacted]	Online	Not Configured	0	Normal, 0	Normal, 0	Normal, 0/10000	[Icons]

Figure 17-2 Streaming Server Status

Chapter 18 Resource Management (Common)

Optimizations

1. (Web Client) Removes the drop-down list for selecting a site. Instead, all sites are displayed in a flat list. Supports grouping sites for convenient management.

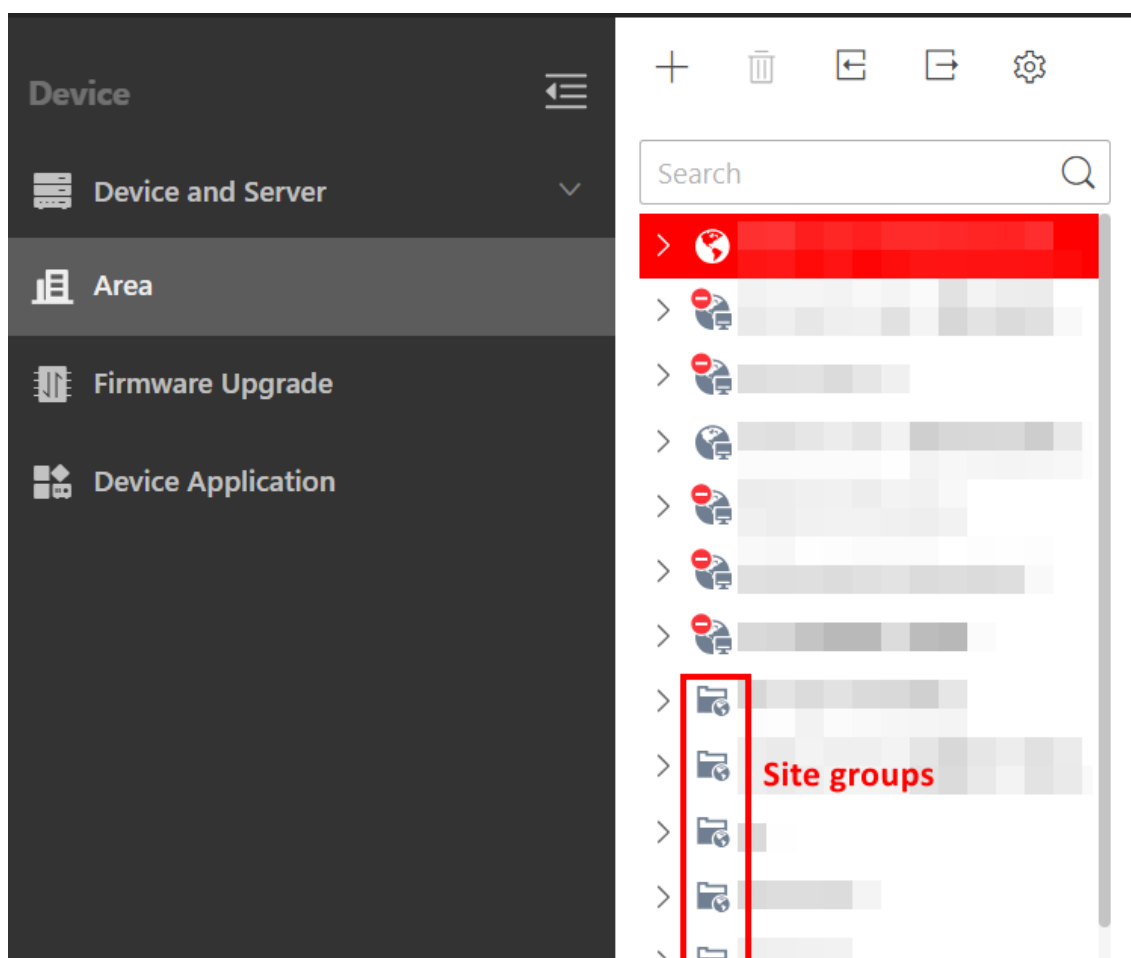


Figure 18-1 Area

2. (Web Client) On the page of adding Axis/Dahua/Hanwha encoding device page, adds the option for getting recording schedule from the device.

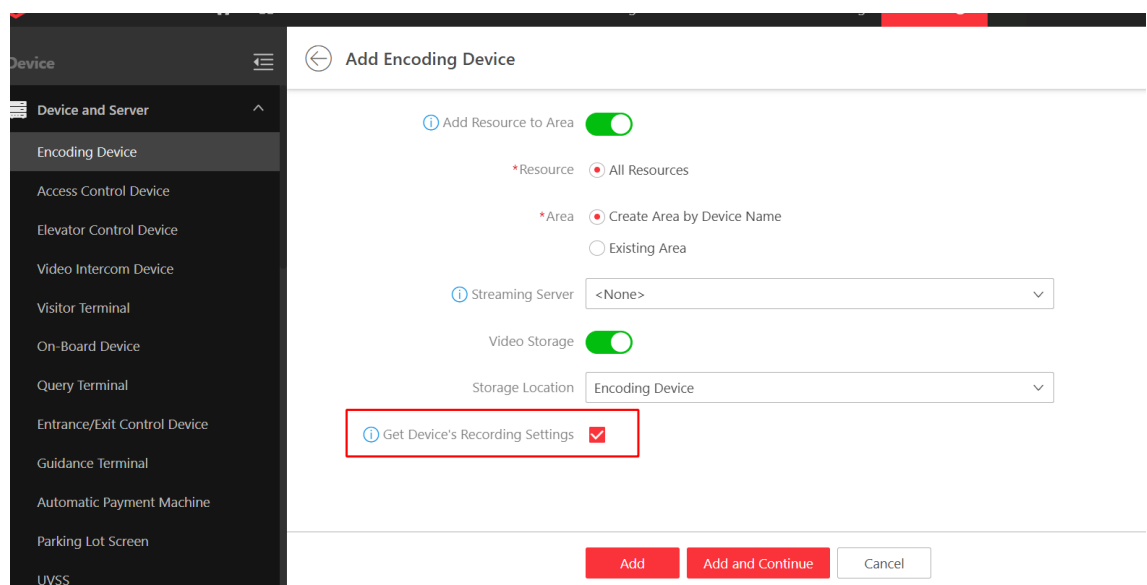


Figure 18-2 Add Encoding Device

3. (Web Client) In the list of IP speakers and on-board devices, adds the tips of replacing offline devices.

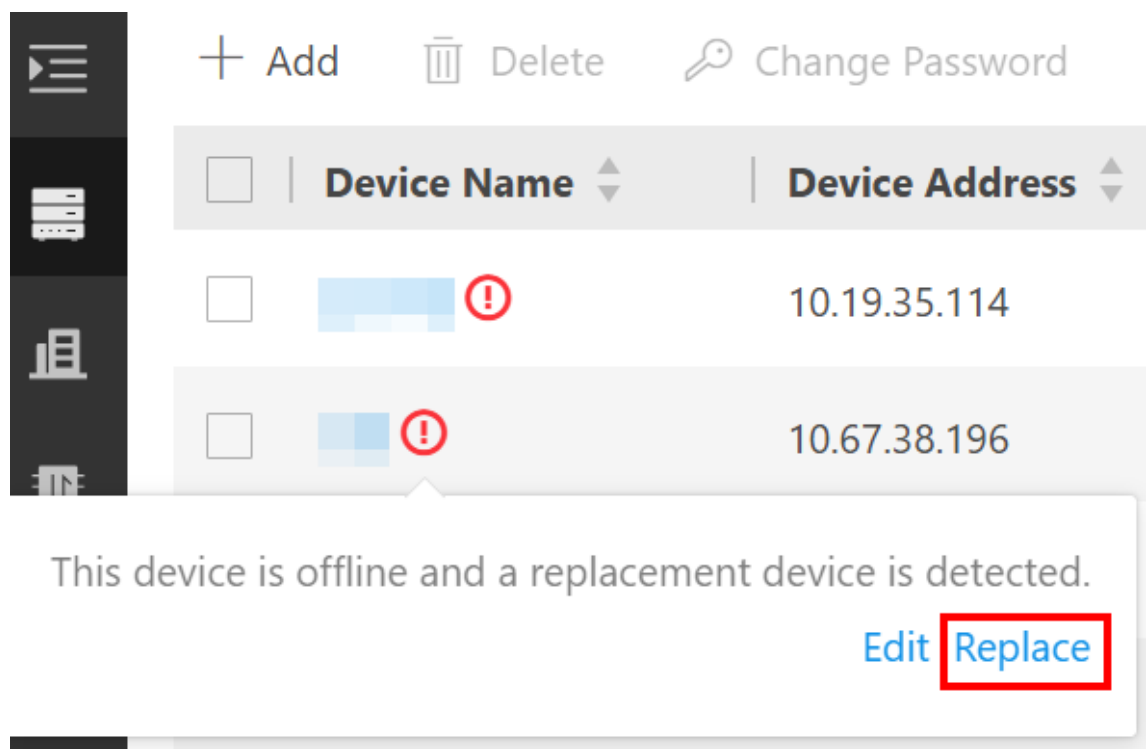


Figure 18-3 Replace a Device

Chapter 19 Remote Site Management

New Features

1. (Web Client) Adds the function of remote site group which supports moving multiple remote sites to different groups for convenient management.

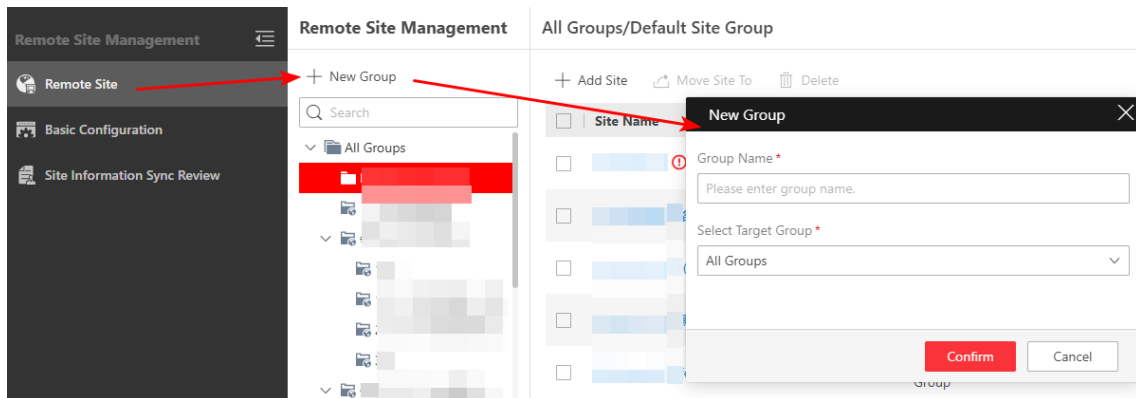


Figure 19-1 Add Remote Site Group

2. (Web Client) Adds the Site Information Sync Review. When changes occur in the personnel assigned to remote sites and the vehicle information in remote sites, the remote site automatically transmits the changes back to the Central System. These changes are displayed on the Site Information Sync Review page, awaiting approval by the Central System Administrator. The Administrator of the Central System can approve or reject these changes (adding person does not support batch review). Approved changes will be synchronized to the Central System.

ID: SP202512020321169832787

×

If approved, the information on the remote site will be synced to the Central System; if not, the information on the Central System will overwrite that on the remote site.

×

To Be Reviewed

Site	Group	Service	
		Edit Person	
Submitter	Submission Time	Reviewer	Review Time
admin	2025/12/02 19:21	--	--

Before Change

Name

ID

Effective Period

2025/11/28 18:44:29 - 2035/11/28 23:59:59

Date of Employment

2025/11/28 18:44:29

Gender

Unknown

Profile Picture

Card

(Lost)

After Change

Name

ID

Effective Period

2025/11/28 18:44:29 - 2035/11/28 23:59:59

Date of Employment

2025/11/28 18:44:29

Gender

Unknown

Profile Picture

Card

?(Disabled)

(Lost)

Approve

Reject

Cancel

Figure 19-2 Remote Site Changes to be Reviewed

103

Site Information Sync Review Refresh

3712 All 226 To Be Reviewed 2268 Rejected 1145 Approved

Batch Review

ID: Please enter. Site: All Service: All Reviewer: Please select. Submitter: Please select. Filter Reset

ID	Site	Group	Service	Submitter	Submission Time	Status	Reviewer	Review Time
☐			Delete Person	admin	2025/12/02 21:10	To Be Reviewed	--	--
☐			Add Person	admin	2025/12/02 19:28	To Be Reviewed	--	--
☐			Add Person	admin	2025/12/02 19:28	To Be Reviewed	--	--
☐			Add Person	admin	2025/12/02 19:28	To Be Reviewed	--	--
☐			Edit Person	admin	2025/12/02 19:21	To Be Reviewed	--	--
☐			Edit Person	admin	2025/12/02 19:18	To Be Reviewed	--	--
☐			Edit Person	admin	2025/12/02 19:18	To Be Reviewed	--	--

Figure 19-3 Site Information Sync Review

Optimizations

1. (Web Client) Optimizes the layout of remote site list.
- Moves the Refresh to the top right corner.
 - Changes the position of Add Site.
 - In the remote site list, adds marks of site status and resource sync status.

Remote Site Management Refresh

+ New Group

+ Add Site Move Site To Delete Search Site

Site Name	Address	Group	Port No.	Site Status	Resource Sync Status	Operation
		Default Site Group	80	Offline	Comparing Failed	Copy Delete
		Default Site Group	80	Offline	Comparing Failed	Copy Delete
		Default Site Group	80	Online	Synced	Copy Delete
		Default Site Group	80	Online	Synced	Copy Delete
		Default Site Group	80	Offline	Comparing Failed	Copy Delete
		Default Site Group	80	Online	Synced	Copy Delete

Figure 19-4 Remote Site List

2. (Web Client) On the Add Remote Site page, when the adding mode is IP Address/Domain, supports selecting **Resource Importing Mode** as **Import All**, **Import Partially**. or **Not Import Now**.

 **Add Remote Site**

Adding Mode

Adding Mode ☒ IP Address/Domain
☐ Site Registered to Central System
☐ Batch Import

Basic Information

* Site Address

* Site Port

80

Name

☒ Get Name

Login Mode ☒ Login via User Name and Password
☐ Login via Authorization Code

* User Name

admin

* Password

Description

Briefly describe the site information, e.g., site location and deployment.

Resource Information

Resource Importing Mode ☒ Import All
☐ Import Partially
☐ Not Import Now

Add

Cancel

Figure 19-5 Add Remote Site

3. (Web Client) On the Add Remote Site page, adds the login mode of Login via Authorization. You can connect the Central System with a remote site via the access key and secret key generated in the remote site.

 Add Remote Site

*Site Address

*Site Port

443

*Name

☒ Get Name

Login Mode

☐ Login via User Name and Password

☒ Login via Authorization

Even after a password change, the Central System maintains connection with remote sites as long as the authorization code remains valid.

*Access Key (AK)

*Secret Key (SK)





Figure 19-6 Add Remote Site

4. (Web Client) Supports importing parking lots from remote sites to the Central System.

Add Remote Site

Login Mode: ☒ Login via User Name and Password
☐ Login via Authorization Code

*User Name: admin

*Password: [masked] Strong

Description: Briefly describe the site information, e.g., site location and deployment.

Resource Information

Resource Importing Mode: ☐ Import All
☒ Import Partially
☐ Not Import Now

Select Resources to Import: Resource in Area: Parking Lot

+ Add Delete

Name	Type
------	------

No data.

Figure 19-7 Add Remote Site Page

5. (Web Client) Optimizes the Changes of Remote Site pane.
- On the top of the pane, the number of new resource, deleted resource, and changed resource is displayed.
 - On the top right of the pane, the recent comparing time is displayed.
 - Supports importing all or part of the new resource.

Changes of Remote Site

2025/12/05 10:27:36

×

New Resource

Deleted Resource

Changed Resource

New Resources

1

Sync Mode

☒ Import All

☐ Import Partially

All

Camera

Searching...

Q

Name	Type	Area
	Camera	10.67.39.103

Total: 1

100

▼

⏪

<

>

⏩

1

/ 1

Go

Start Importing

Figure 19-8 New Resource

- Supports removing all deleted resources from the Central System.

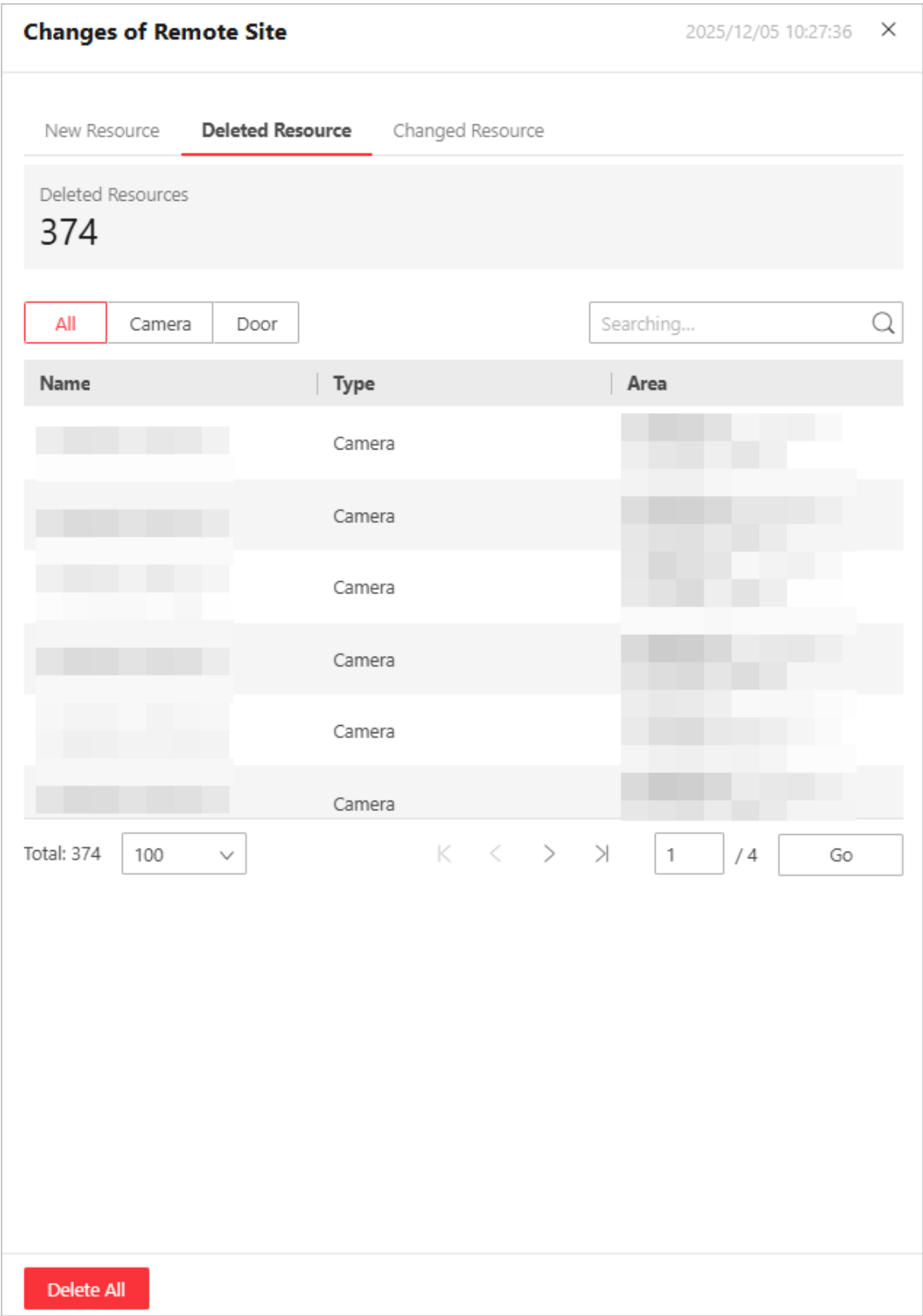


Figure 19-9 Deleted Resource

- Supports synchronizing all or part of resource changes in a remote site to the Central System.

Changes of Remote Site

2025/12/05 10:36:18

×

New Resource

Deleted Resource

Changed Resource

Changed Resources

1

Sync Mode

☒ Import All

☐ Change Partially

All

Parking Lot

Searching...

Q

Name (Remote)	Type	Name (Center)	Mounting Change	Area
	Parking Lot		Details	--

Total: 1

100

▼

⏪

<

>

⏩

1

/ 1

Go

Start Importing

Figure 19-10 Changed Resource

Chapter 20 Account and Security

New Feature

(Web Client) Supports grouping users. Just like creating a folder, you can put normal users or domain users into a single group, making it easier to centrally manage permissions and quickly select them. Especially when there are many users, you no longer have to manually search for them one by one.

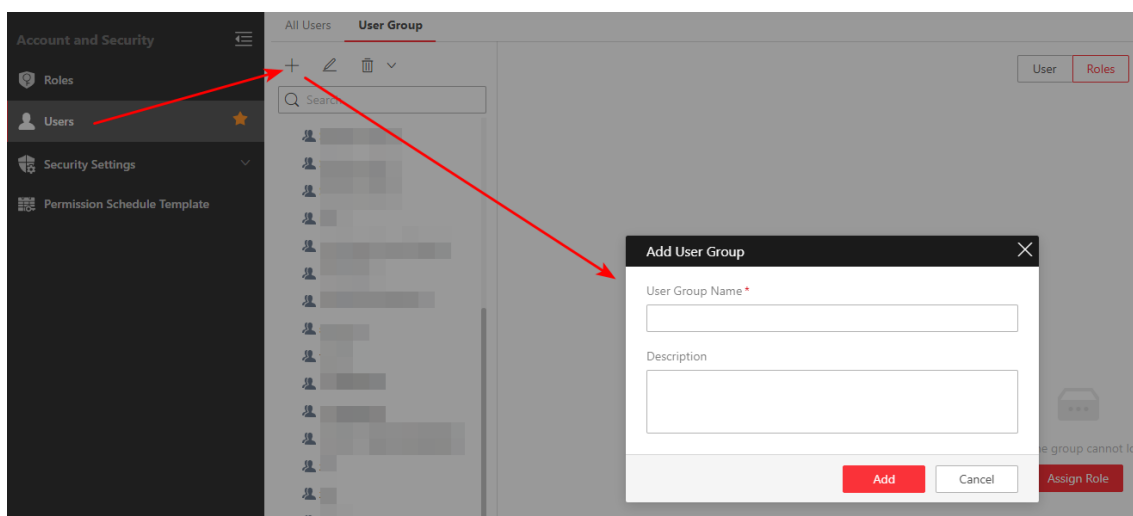


Figure 20-1 Add a User Group

	User Name	Name	Type	Role	Connection Number	Login Status	User Status	Expiry Date
☐			Normal User		0 >	Offline	Active	2099/12/31 23:59:59
☒			Normal User		0 >	Offline	Active	2099/12/31 23:59:59
☐			Normal User		0 >	Offline	Active	2099/12/31 23:59:59
☐			Normal User		0 >	Offline	Active	2099/12/31 23:59:59
☐			Normal User		0 >	Offline	Active	2099/12/31 23:59:59
☐			Normal User		0 >	Offline	Active	2099/12/31 23:59:59

Total: 6

Figure 20-2 Users in a User Group

Optimizations

- (Web Client) On the Add/Edit User page, adds the following 3 parameters.
 - The switch named "Require Email Verification When Login". This option requires users to verify their identity via an email-sent code during login via all client types.
 - The switch named "Login via Authorization". Enabling this feature allows Administrators generate authorization codes (access key and secret key) and define their effective period. The remote site passwords will no longer expire periodically, thus preventing frequent interruptions in the connection between the central site and the remote sites caused by password updates. The access key and secret key can also be used for logging into query terminals and automatic payment machines.
 - The item "Join User Group" for adding the current user to a user group.

Allow Remembering Password When Login ☒ Via Mobile App ☒ Via Control Client

Require Email Verification When Login ☐ When the user logs in to the clients via user name and password, the user needs to enter a verification code sent to their email for double authentications. Please make sure that you enter the correct email.

Login via Authorization ☒ Even after a password change, other systems maintain connection with this site as long as the authorization code remains valid.

*Access Key (AK)

*Secret Key (SK)

Authorization Code Validity Period 1 month

Permission

☒ *PTZ Control Permission 1

Set as Default Recipient ☐ Default recipients are persons who have permissions to access the selected resources. For example, if user A has the permission to access the camera C, then A is the default recipient of C's alarms. If you enable this and default recipient is selected as the alarm recipient, then this person will receive notifications of alarms triggered by the resources he/she has permission to access to by default.

Join User Group Please select. After joining the group, the user will inherit the group role permissions.

*Assign Role Role Name Description

Figure 20-3 User Details Page

2. (Web Client / Control Client / Mobile Client) Adds the Double Authentication when logging in. If the **Require Email Verification When Login** function is enabled for a user, a Double Authentications window will pop up. The user can send a verification code via the platform to the his or her email, and then enter the code.

Double Authentications

Email Verification Code *

Enter code sent to your email.

Figure 20-4 Double Authentications on Web Client

Double Authentications

✕

*Email Verification Code

Get Verification Code

OK

Cancel

Figure 20-5 Double Authentications on Control Client

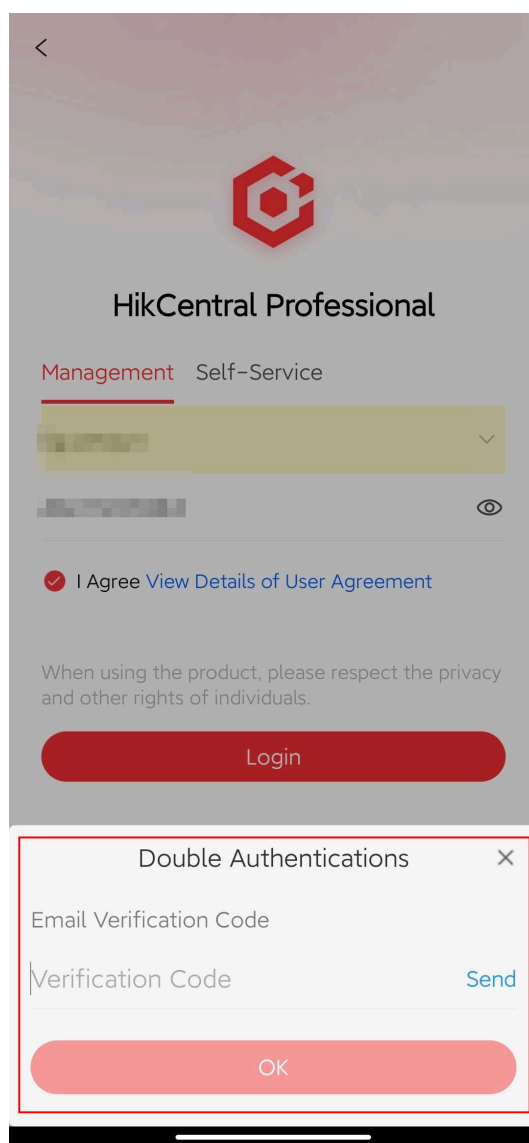


Figure 20-6 Double Authentications on Mobile Client

3. (Web Client) On the Import Domain Users page, changes the importing mode to four modes:

User in Organization Unit

Import individual domain users.

User in Security Group

Import individual domain users in security groups of any organization unit.

Organization Unit

Import all domain users in the selected organization unit.

 Note

The platform does not support this function if the Azure domain is configured.

Security Group

Import all domain users in the selected security group(s).

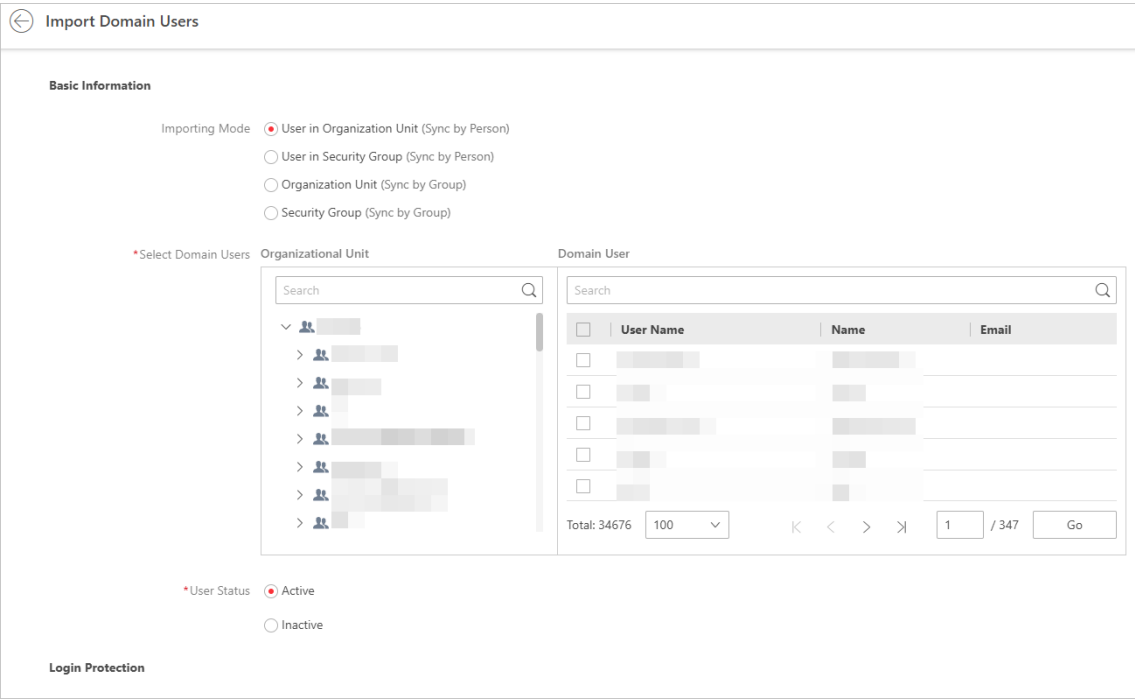


Figure 20-7 Import Domain User Page

4. (Web Client) On the Basic Parameters page, adds the item Password Expiry Email Template. Supports viewing or editing the template details.

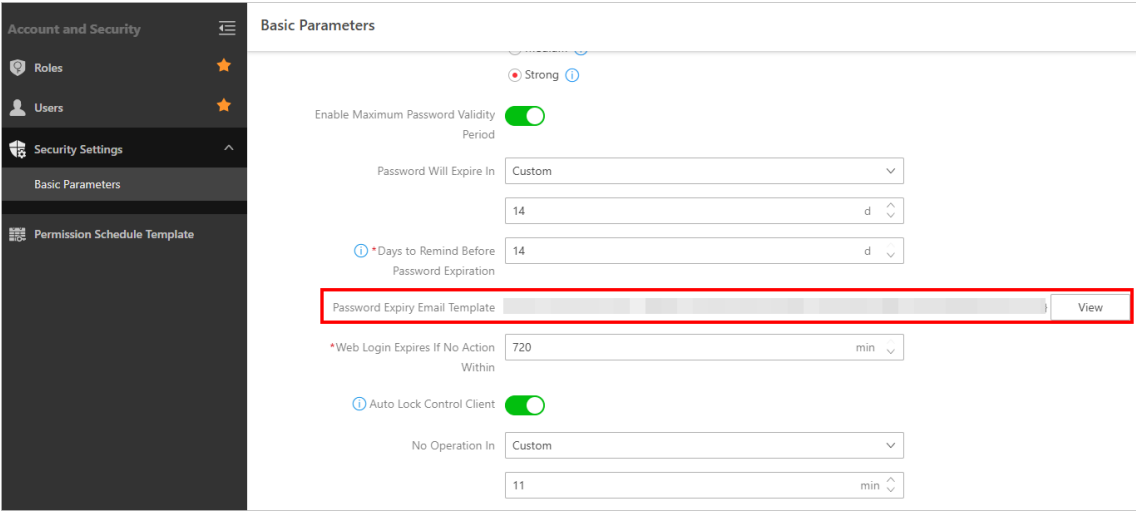


Figure 20-8 Basic Parameters

Chapter 21 Central Management

Optimizations

1. (Control Client and Web Client) Supports different clients streaming via the streaming server cluster.
2. Supports application terminals streaming via the streaming server cluster, including decoders and file servers.
3. Supports storage streaming via the streaming server cluster, including CVR, pStor server, SAC, and cloud storage.

Chapter 22 Event and Alarm

New Features

1. (Web Client) For combined alarm configuration, supports more alarm triggering scenes (**Immediate Trigger**, **Delayed Trigger**, **Scheduled Inspection Trigger**).

Table 22-1 Alarm Triggering Scene

Alarm Triggering Scene	Description
Immediate Trigger	Immediately trigger an alarm when all conditions are met.
Delayed Trigger	Trigger an alarm when a condition is met and then other conditions are also satisfied after a waiting period.
Scheduled Inspection Trigger	Trigger an alarm immediately when a scheduled inspection finds that the specified condition is met.

2. (Web Client) Supports configuring **Text Warning Event**.
3. (Web Client) When alarm processing times out (e.g., exceeding 30 seconds), the system now supports automatically forwarding alarms to designated users or groups. This enables rapid alarm reassignment, especially useful during peak periods or resource constraints.

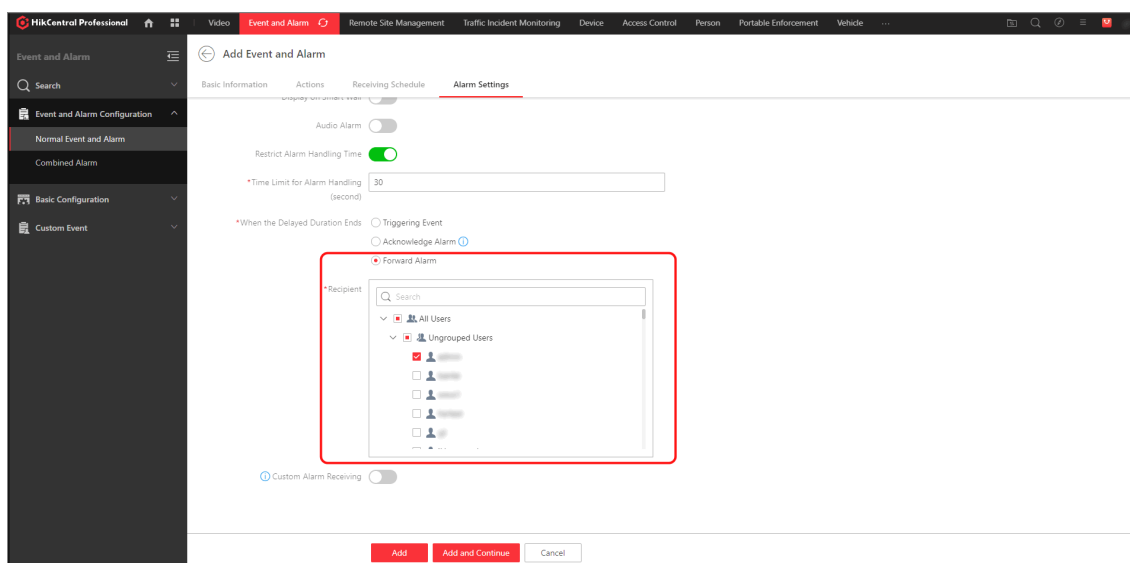


Figure 22-3 Forward Alarm

- (Web Client) On the **Normal Event and Alarm** page, supports batch setting the linkage actions (for both events and alarms) and alarm recipients (for alarms only).
- (Web Client) Adds the linkage action type **Trigger Arming/Disarming of Encoding Device**.

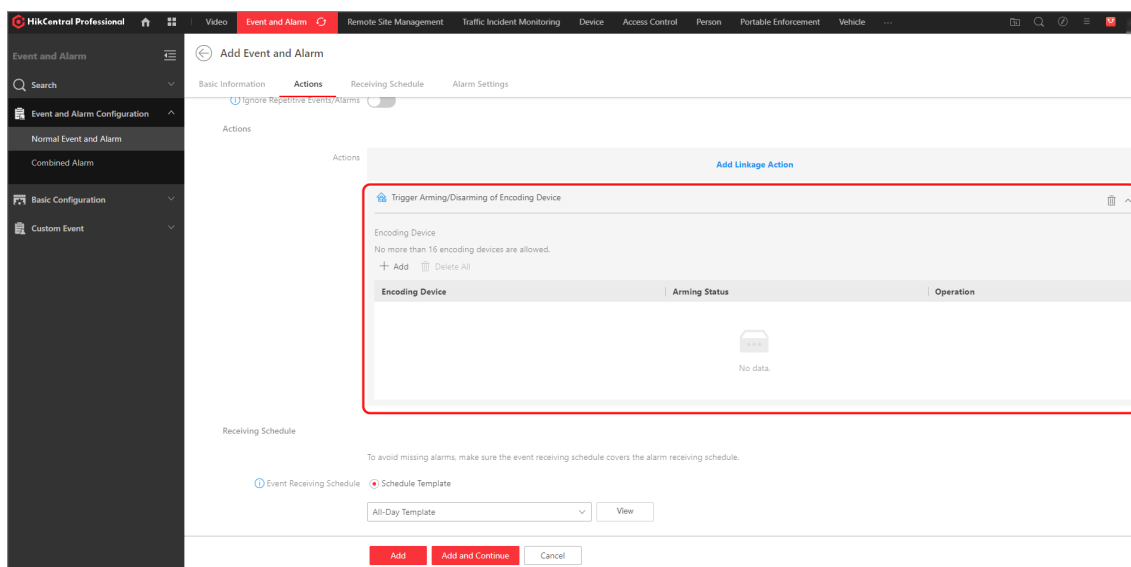


Figure 22-5 Trigger Arming/Disarming of Encoding Device

- (Web Client) Adds the following events/alarms.

Parking Lot

Adds the **Low Battery of Inductive Loop**.

Custom Event

Adds the **Text Warning Event** category.

Optical Fiber Sending

Adds the **Optical Fiber Sensing** category.

Maintenance

Automatic Payment Machine

Adds the **Automatic Payment Machine** category.

Guidance Terminal

Adds the **Disk Error**, **Disk Full**, **Invalid Login**, and **Record/Capture Exception**.

Recording Server

pStor

Adds the **Advance Overwrite**, **CPU Usage Exceeded Limit**, and **Memory Usage Exceeded Limit**.

Third Party

Adds the **BACnet** category.

On-Board Monitoring

Vehicle

Driver Status Monitoring Event

Adds the **Face Matched Event**.

ADSD Event

Adds the **Forward Collision Warning, Headway Monitoring Warning, Illegal Lane Change, and Lane Deviation Warning**.

Traffic Incident

Adds the **Traffic Incident** category.

Optimizations

1. (Web Client) Optimizes the display ratio of thumbnails in the alarm pop-up window on the Web Client. Previously, overly wide images resulted in excessive blank space, limiting the number of thumbnails visible per page and affecting operational efficiency.

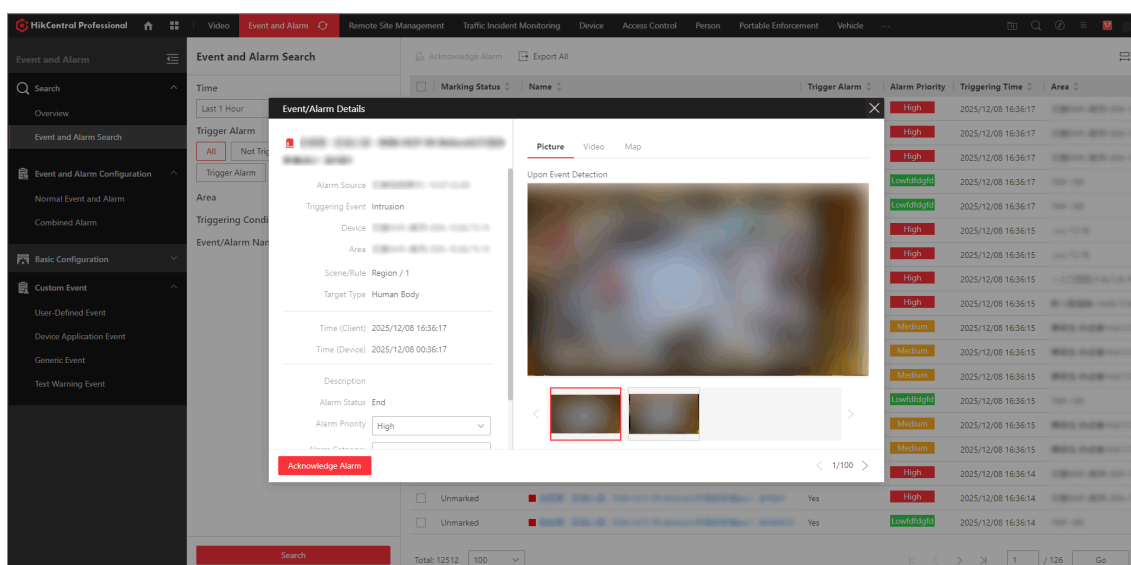


Figure 22-6 Alarm Pop-up Window

2. (Desktop Client) Adds a **Real-Time Alarm Settings → Enable Audio** button in the real-time alarm pop-up window in Alarm Center.

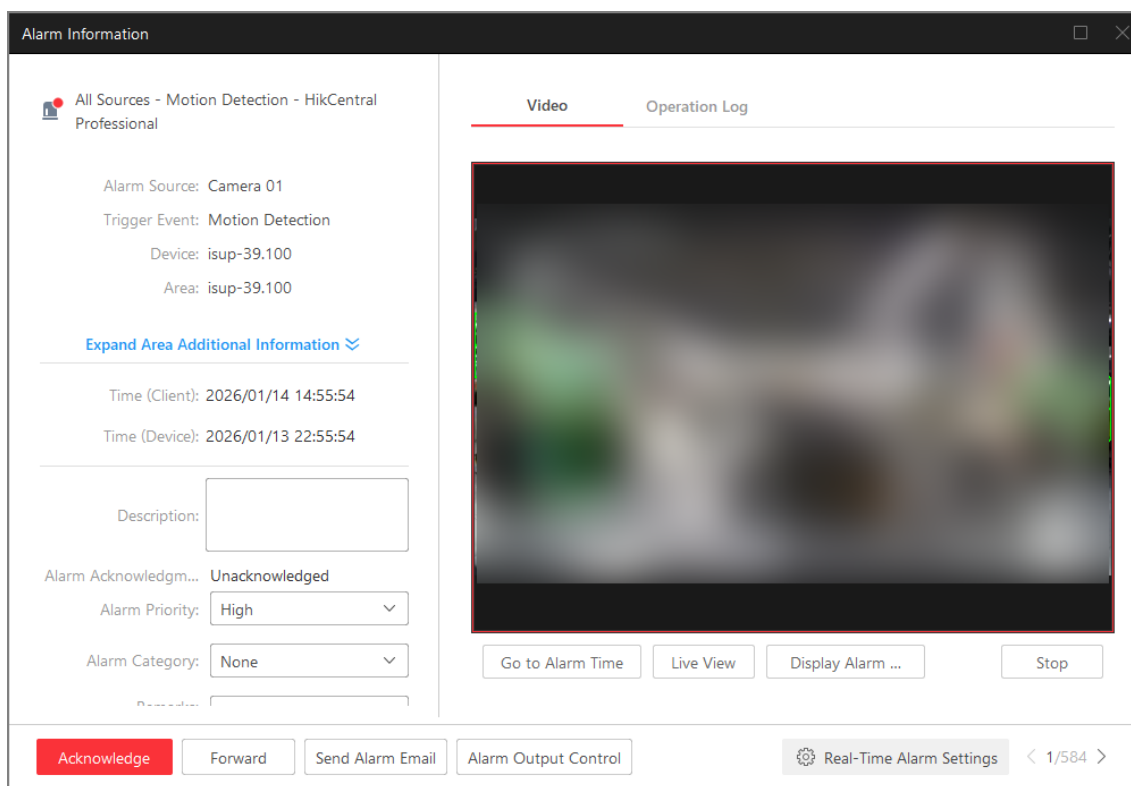


Figure 22-7 Alarm Triggered Pop-Up Window

3. (Web Client & Desktop Client) Adds support for batch alarm acknowledgment. Supports labeling alarm priority, alarm category, and remarks.
4. (Web Client) On the **Combined Alarm** page, the limit of all time period settings are extended to 12 hours.

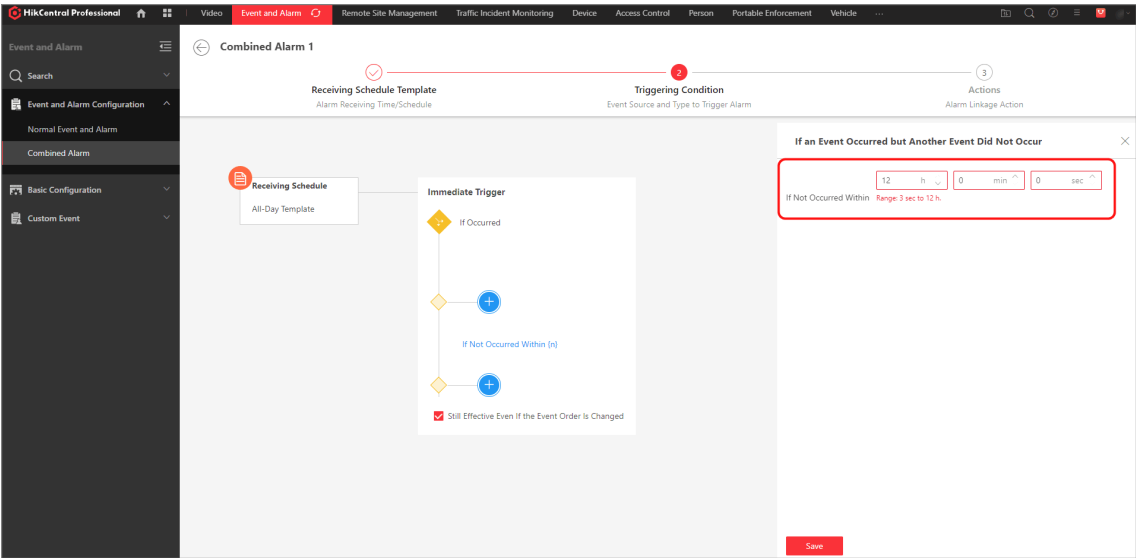


Figure 22-9 Time Limit Extended

5. (Web Client) For the **Send HTTP(S) Request** linkage action, supports setting the **Authentication Mode** to **Basic Authentication** or **Digest Authentication**.

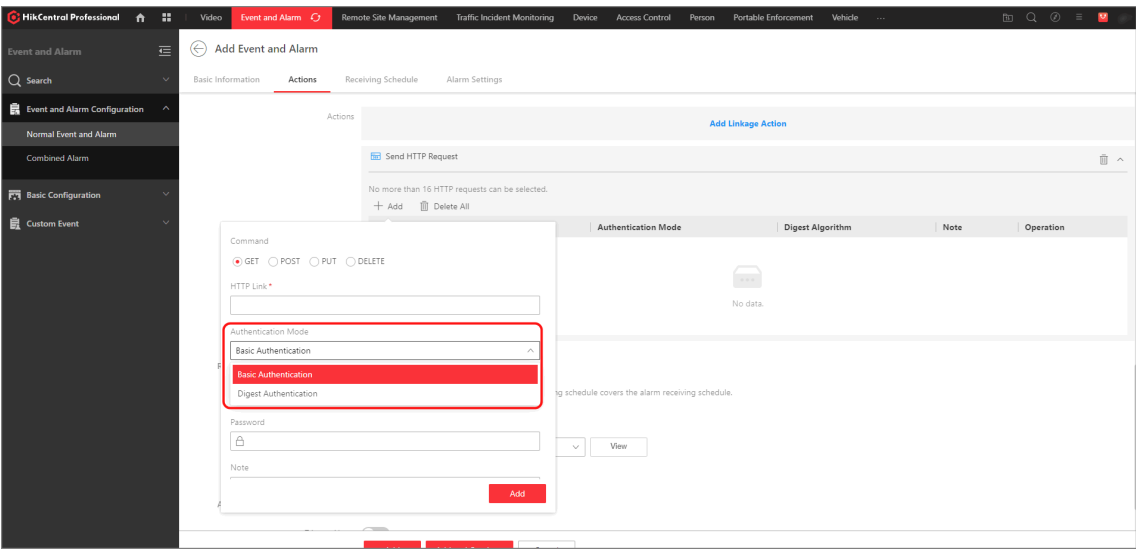


Figure 22-10 Authentication Mode

6. (Web Client) Supports expanding/collapsing the combined alarm cards.

HikCentral Professional V3.1.0 Release Notes

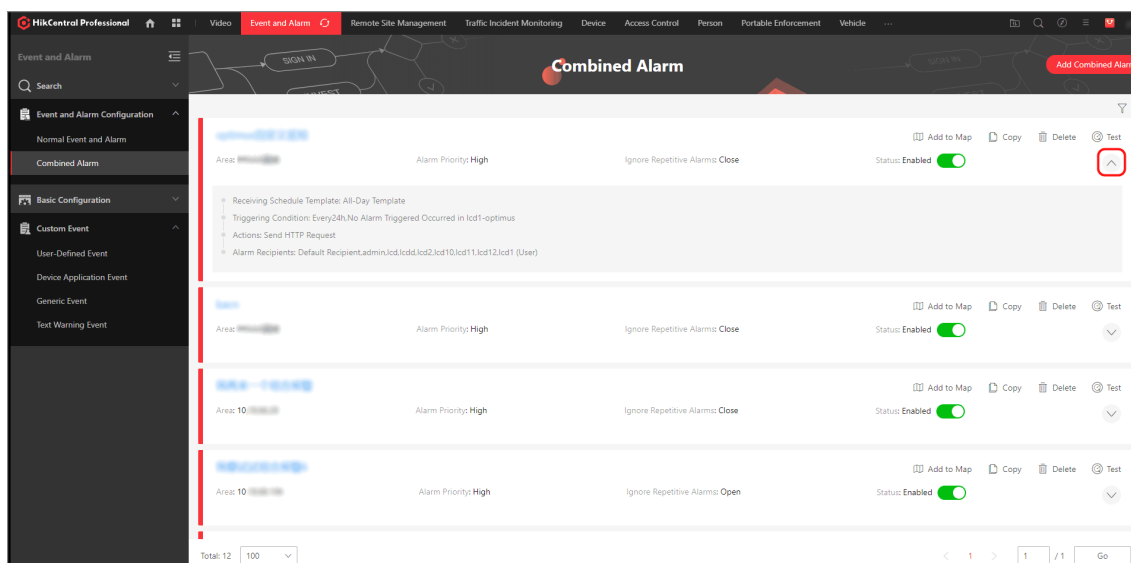


Figure 22-11 Expand/Collapse

7. (Web Client & Desktop Client) Supports zooming in on the original registered images in the face comparison event/alarm pop-up windows. Previously, only event photos could be enlarged.
8. (Web Client) For the linkage action of **Link Speaker Unit**, supports setting the **Broadcast Mode** and **Broadcast Priority**.

Chapter 23 Vehicle

New Features

1. (Web Client) On the Visitor Vehicle page, supports deleting visitor vehicles from the list and viewing the parking lot access permission of vehicles.

After the license plate number is entered during visitor registration, the vehicle will be displayed in the visitor vehicle list automatically. After the visitor checked out, the visitor vehicle will be removed from the list.

☐	License Plate No.	Vehicle Owner Name	Phone	Card No.	Effective Period	Parking Lot Entry and Exit
☐	44	11	--	--	202- -- 23:00:00	Expired
☐	+C	fang	--	202-	202- -- 26 23:00:00	Normal
☐	We	fang	--	202-	202- -- 17 23:00:00	Expired
☐	cC	202-	--	202-	202- -- 28 23:00:00	Expired
☐	2a	ITV+8Unvo=	Izy2	202-	202- -- 10 23:00:00	Expired
☐	6o		1	--	202- -- 31 23:00:00	Expired
☐	9N		15	202-	202- -- 31 23:00:00	Expired
☐	41		--	202-	202- -- 31 23:59:59	Expired
☐	fa	5 5	--	--	202- -- 28 23:59:59	Expired

Figure 23-1 Visitor Vehicle List

2. To comply with SIRA license plate standards and improve the license plate matching accuracy in the Middle East and North Africa region, the platform now supports license plate fields: (country/region, plate category, license plate digit, license plate size, license plate type, and license plate color). When the area is set to Middle East and North Africa, these fields are applied throughout the license plate recognition workflow, including record search (as search condition), contents displayed on guidance screens, toll center operations, and so on. (Web Client) On the Vehicle Information page, a configuration item (**License Plate Matching Rule**) is introduced when the area is set to Middle East and North Africa. This rule defines which license plate fields should be considered when identifying two vehicles as the same.

Vehicle Information

Area Settings

If the area is set as Middle East and North Africa, the selected items of the license plate matching rule will be shown after license plate capture.

Middle East and North Africa

License Plate Matching Rule

Two vehicles are considered the same if all the following fields match.

Search

All

☒ Country/Region

☒ Plate Category

☒ License Plate Digit

☐ License Plate Size

☐ License Plate Type

☐ License Plate Color

Figure 23-2 License Plate Matching Judgment Rule

3. (Web Client) Supports synchronizing vehicle lists of the Central System to remote sites to realize the vehicle centralized control across different locations.

Chapter 24 Evidence Management

Optimizations

1. (Web Client & Control Client) On the Share File and Share Case page, optimizes the pane for selecting recipients when sharing files or cases in Evidence Management. The platform only displays the pane after you search for a receiver.

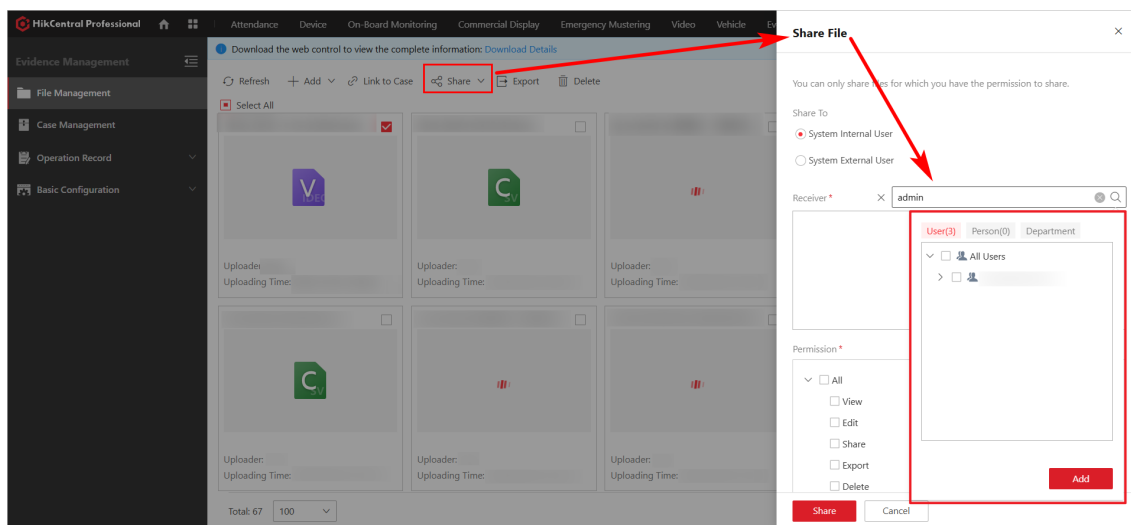


Figure 24-1 Optimize the Sharing Window

Chapter 25 Third-Party Integration

Optimization

1. (Web Client) The WhatsApp module supports following functions.
 - **First Push Language:** Defines the language for guidance messages sent to individual WhatsApp accounts upon subscription.

WhatsApp Configuration

Change to HTTPS, apply for the officially issued SSL certificate, and import to platform. [Go to Transport Protocol](#)

Basic Information

Go to <https://developers.facebook.com/> to get merchant account, phone No., access token, and verification token, and enter below.

*Merchant Account

*Phone No.

*Application No.

*Callback Address

*Access Token

*Verification Token

*First Push Language

Threshold Configuration

Enable Limit ☐

If you enable this, daily and monthly conversation times will be limited. Message will fail to be sent after the limit is exceeded.

[Submit for Authentication](#) [Cancel](#)

Figure 25-1 WhatsApp Configuration

- Extending support to additional applications (dock management, ReGuard, and education) and roles (drivers, alarm handlers, and student parents).
 - Filtering the templates by application type (visitor management, dock management, ReGuard, and education).
2. Devices of Dahua, Axis, and Hanwha connected via private SDK support following functions.
 - Storing videos on multiple storage locations (pStor, CVR, and cluster storage) in addition to local devices, and playing back videos from these sources.
 - Enabling live view and playback for internal network devices via external clients (Web Client, Control Client, and Mobile Client).
 - Alarm input and output management. This function is device-dependent and may not be available on all models.
 - Getting device's recording schedules.
 3. (Web Client) The OpenAPI Gateway module ensures seamless integrations by supporting:

- Retention the integration partner key and secret during upgrades.
 - Manual entry of the integration partner key and secret when adding integration partners after reinstallation.
4. (Web Client) In the Event and Alarm module, event triggering supports all BACnet object statuses, and alarm actions can be linked to BACnet resources or custom resources.
 5. (Web Client) On the Data Interchange page, you can select specific lanes as resources for synchronizing access records of selected lanes to third-party systems.

Chapter 26 Smart Wall

The feature enhancements are as follows:

- 1. (Web Client) Support deleting all smart wall devices and smart walls with a single click.

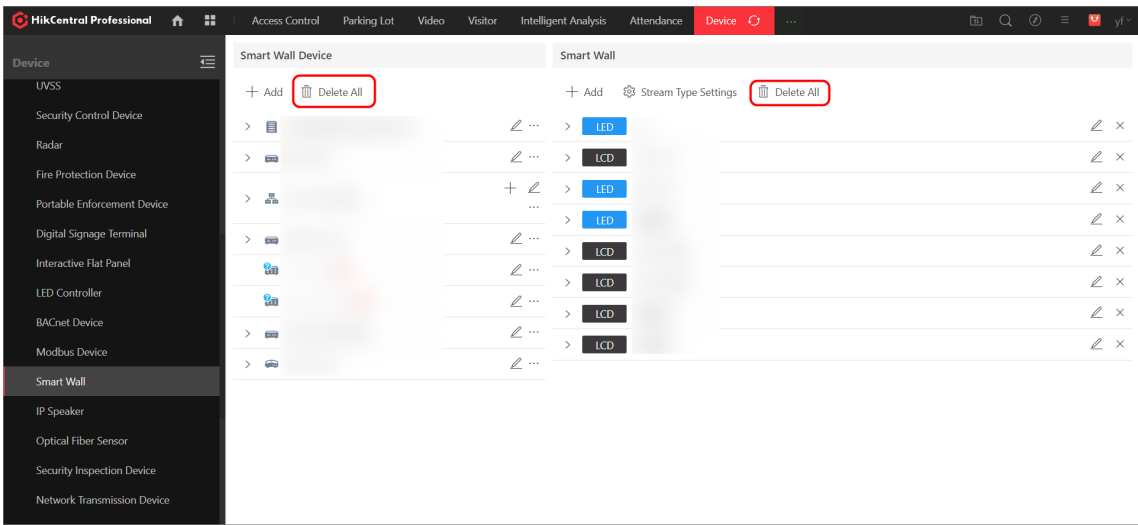


Figure 26-1 Delete All Smart Walls/Smart Wall Devices

- 2. (Web Client) On the Normal Event and Alarm page, support enabling automatic alarm audio playback from the following display sources: Source Camera, Specified Camera, and Alarm's Related Cameras when an alarm video is displayed on a smart wall. The latest alarm audio is prioritized when multiple alarms are triggered.

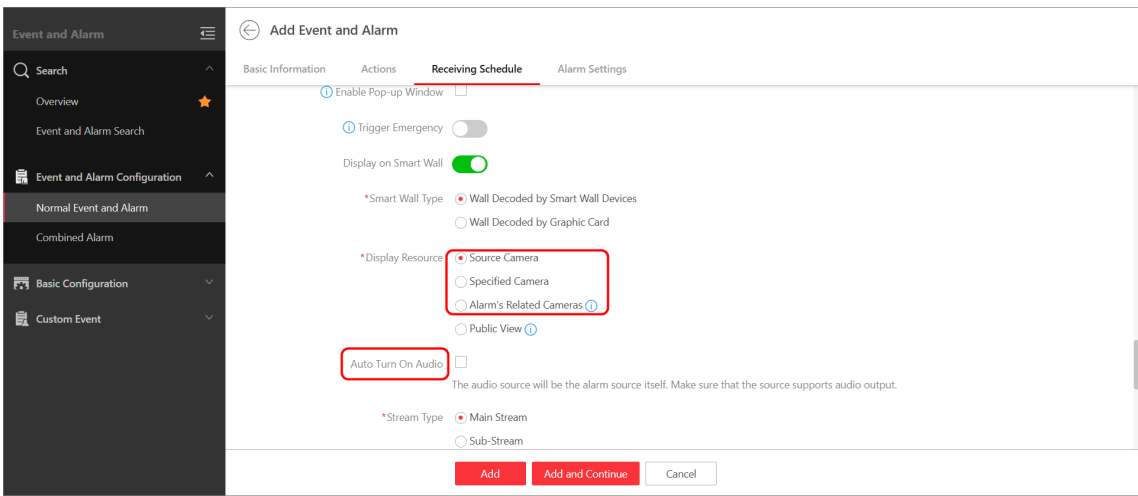


Figure 26-2 Auto Alarm Audio Playback

Chapter 27 Audio Broadcast

New Features

1. (Web Client) On the **Device** → **Area** → **Speaker Unit** page, the platform now supports batch configuration of mixing audio volume for speaker units. Mixing audio volume defines the percentage of low-priority volume relative to high-priority volume when tasks of different priorities play simultaneously.

Example: In a scenario where background music (Priority 5) mixes with a fire alarm audio (Priority 15) in a shopping mall, setting the mixing volume to 30% reduces the background music to 30% volume during alarms. Normally, the background music plays at 100% volume; during alarms, the alarm audio plays at full volume while the background music continues at 30%; after alarms, the background music returns to 100%.



Note

The feature is only supported by non-OEM devices. The **Mixing Audio Volume** will be unavailable if all selected devices are OEM devices.

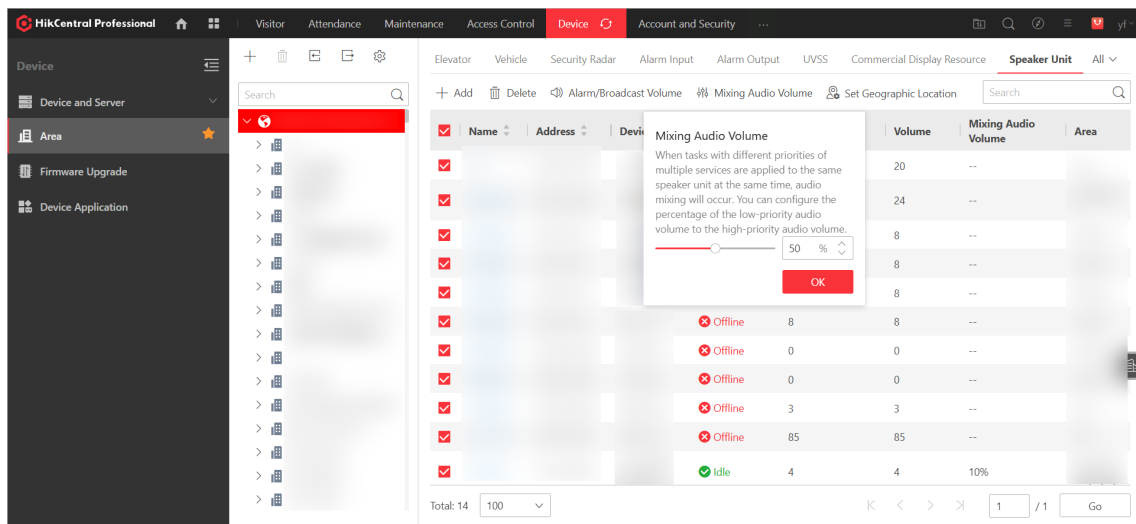


Figure 27-1 Mixing Audio Volume

2. (Web Client) To prevent situations where multiple audio tasks (e.g., live broadcasts, alarm linkage broadcast) are triggered simultaneously and cannot be played flexibly according to actual needs, this version supports customized priority for different scenarios. Set unified priorities (0-15, the higher the value, the higher the priority) for live broadcasts, emergency mustering linkage broadcast, and scheduled broadcast. High-priority tasks can interrupt low-priority ones; different task types can be mixed audibly.

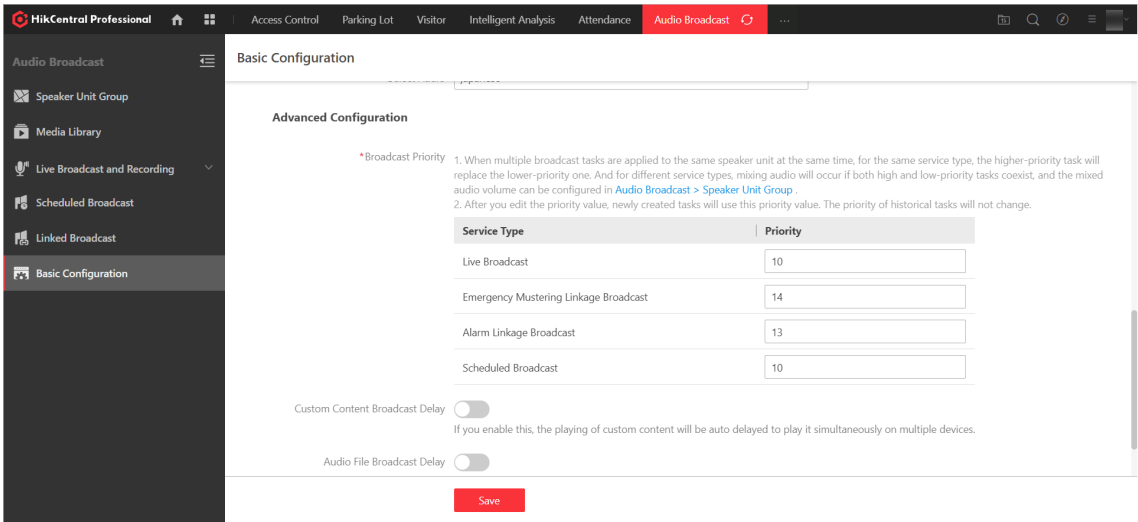


Figure 27-2 Set Priority

3. (Web Client) Supports enabling or disabling scheduled broadcast tasks. You can now quickly pause or resume scheduled broadcast tasks without deleting or editing the task content.

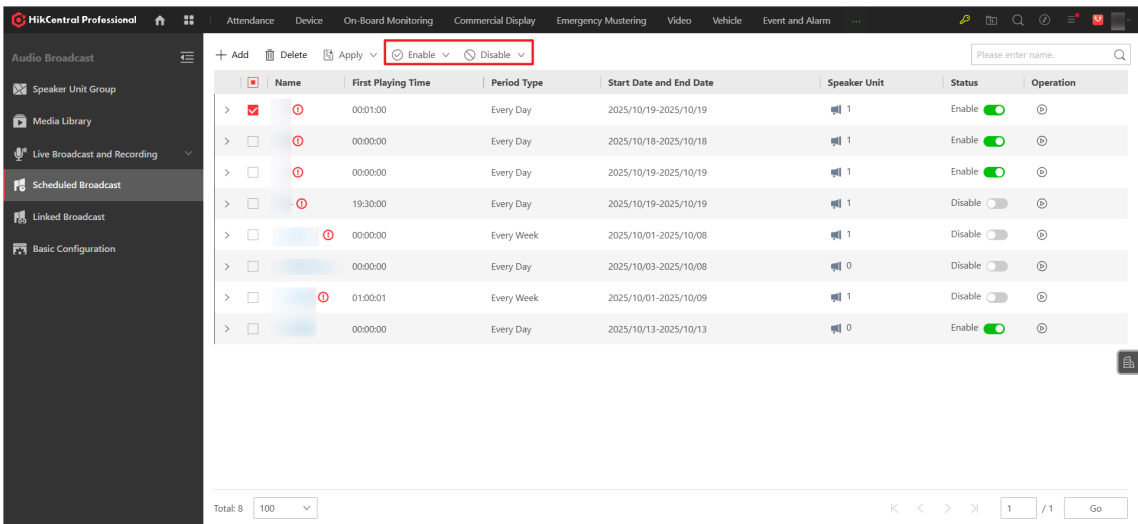


Figure 27-3 Enable/Disable

4. (Mobile Client) The mobile app supports broadcasting to IP speaker groups, allowing simultaneous audio playing to multiple speakers in areas like campuses. These groups are created on the Web Client.

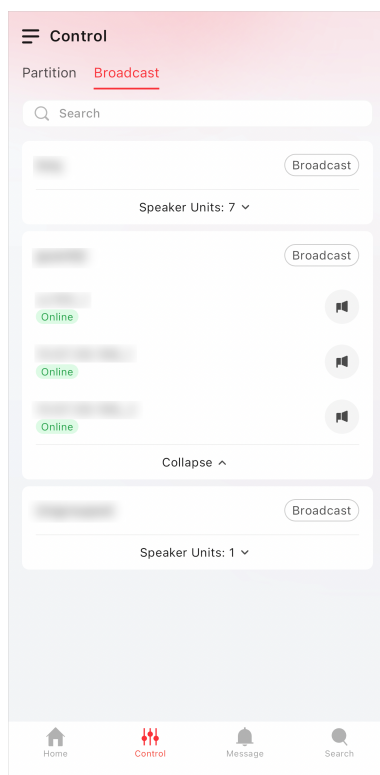


Figure 27-4 Speak to Multiple Speakers

Optimizations

1. (Web Client) On the Add Event and Alarm page, this version adds multiple playback modes to provide flexible audio control, addressing cases where long audio files may be cut short due to alarm duration limits. These new options allow users to better tailor audio playback behavior to their specific needs.
 - **Play by Alarm Duration:** The audio duration matches the alarm trigger duration.
 - **Custom Audio Playing Counts:** Set repeat times (default: 1).
 - **Custom Playback Duration:** Set continuous playback time in seconds.

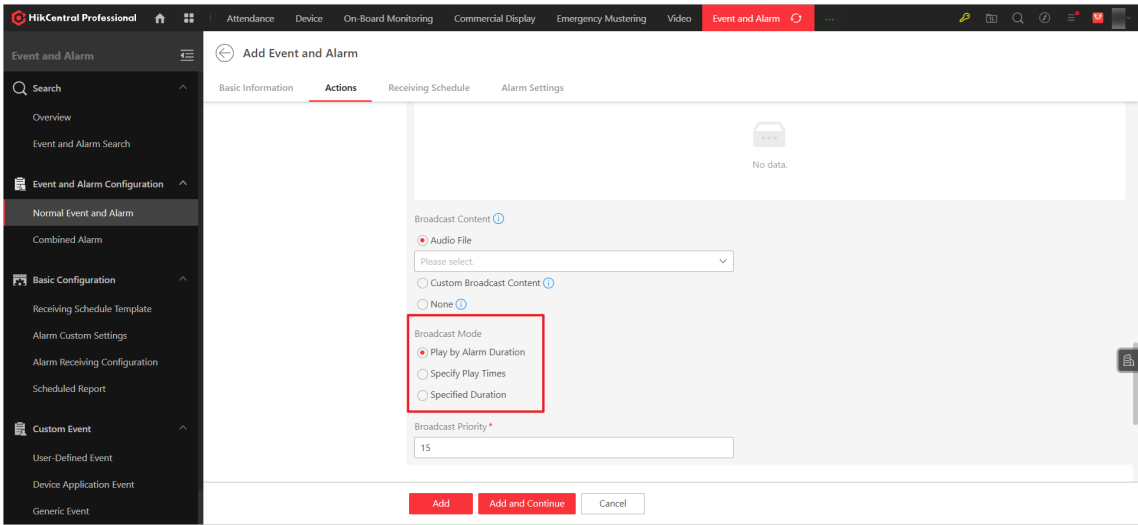


Figure 27-5 Set Broadcast Mode

2. (Web Client) On the **Device** → **Area** → **Speaker Unit** page, this version renames the button **Volume** to **Alarm/Broadcast Volume**.

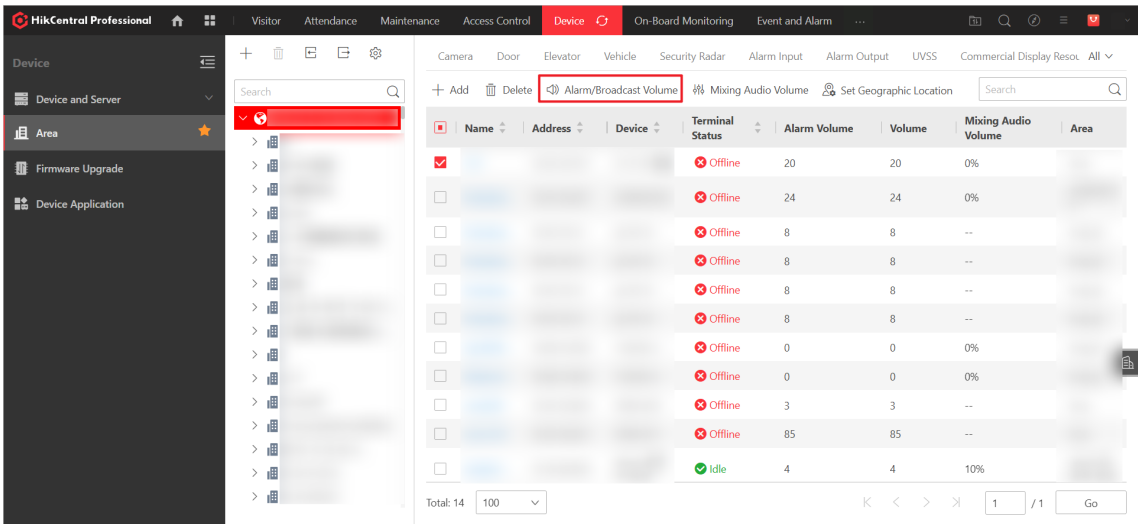


Figure 27-6 Alarm/Broadcast Volume

Chapter 28 Tools

(Control Client) Supports manually batch arming or disarming encoding devices (NVRs, cameras).

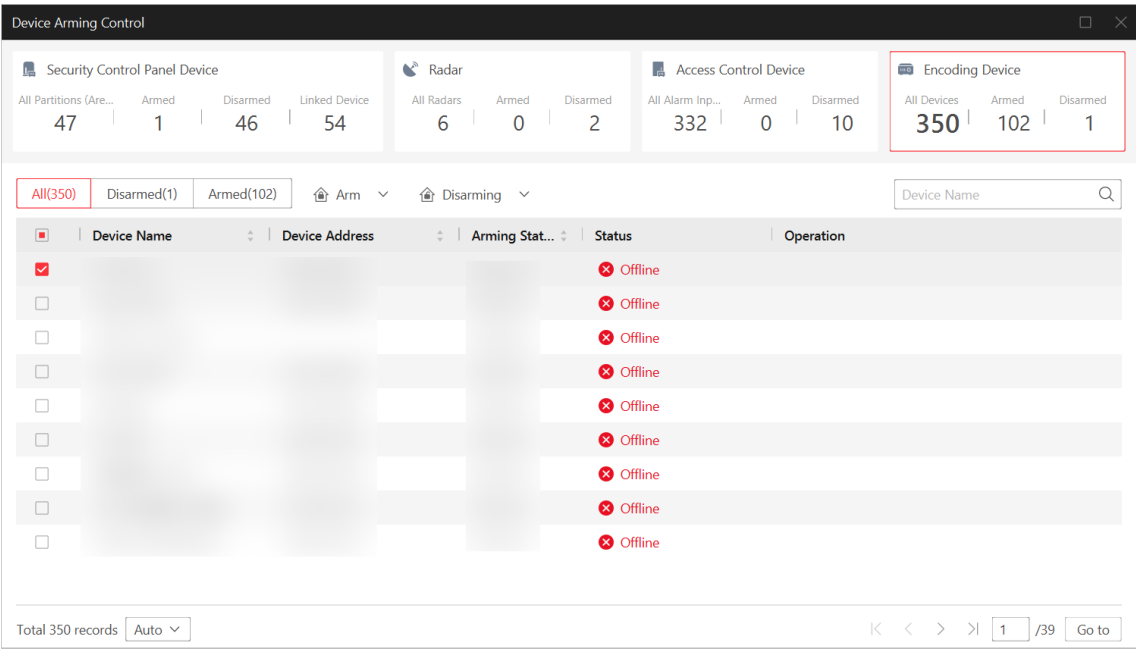


Figure 28-1 Device Arming Control

Chapter 29 Alarm Detection

New Features

- 1. (Web Client & Desktop Client) Supports searching for device local logs (**Log on Device**) for AX PRO security control panels.
- 2. (Web, Desktop & Mobile Client) Introduces a picture capturing feature for AX PRO outdoor detectors (Model: DS-PDCM15PF-IR). Users can trigger picture capturing for specific zones, preview images instantly, and save them locally. For dual-lens cameras, the system automatically merges left and right images into a single file for streamlined viewing and storage.
- 3. (Control Client) Supports manually arming/disarming encoding devices.

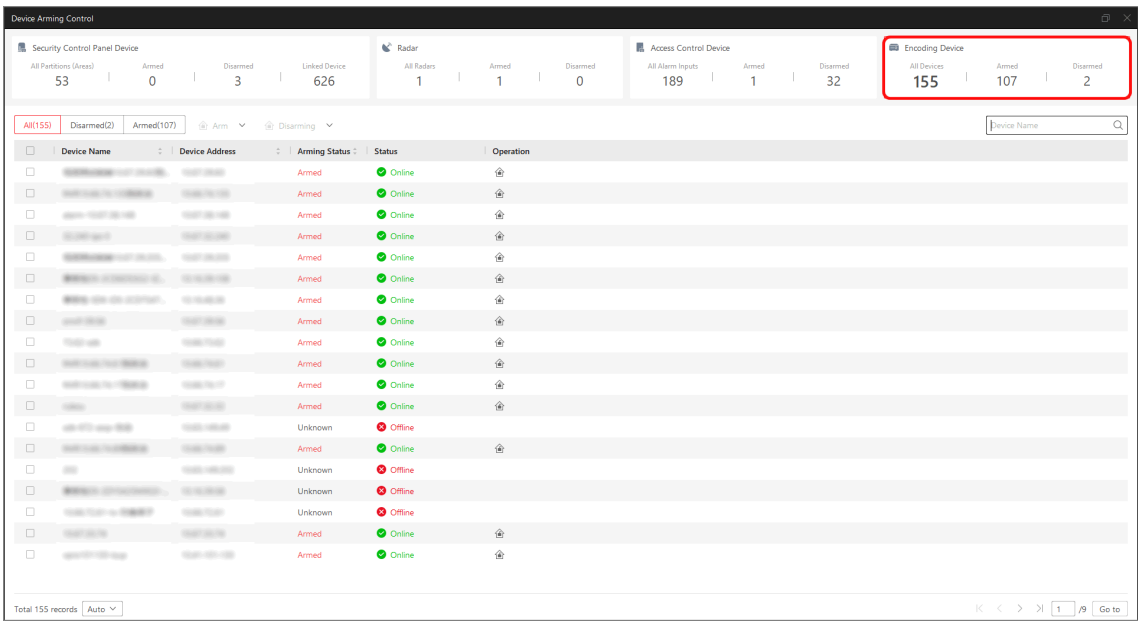


Figure 29-3 Arm/Disarm Encoding Devices

Optimizations

- 1. (Desktop Client) On the **Device Arming Control** page, supports selecting the first security control panel and its first area by default.

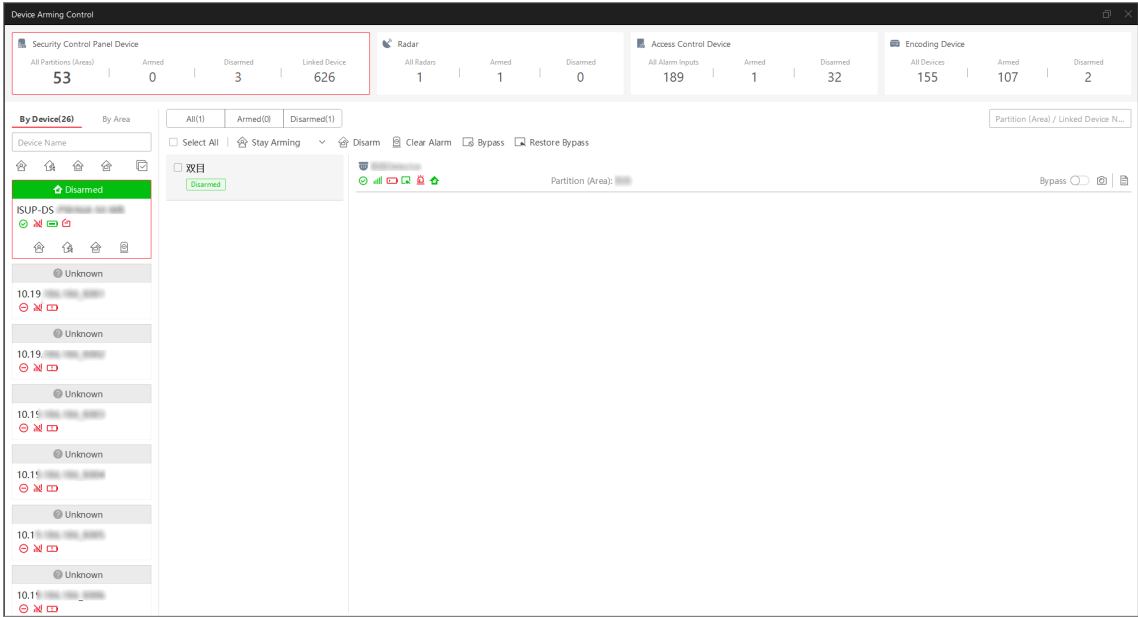


Figure 29-4 Default Selection

2. (Web Client & Desktop Client) The maximum number of alarm inputs is extended to 15,000.

Chapter 30 OpenAPI

1. Added an API for downloading pictures/video clips via URL to common APIs.
2. Extended the Event Types or Alarm Categories.
3. Extended the data dictionary of Resource Types / Resource Permission Code.



See Far, Go Further