



HikCentral Professional V3.1.1

Release Notes

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Chapter 1 Device

1.1 Device and Server

1. When adding devices via the Hikvision Private Protocol, the **Get Stream via Device's Local Address** feature is now available. By entering the device's local address, direct streaming will use this address when the client and device are on the same network.

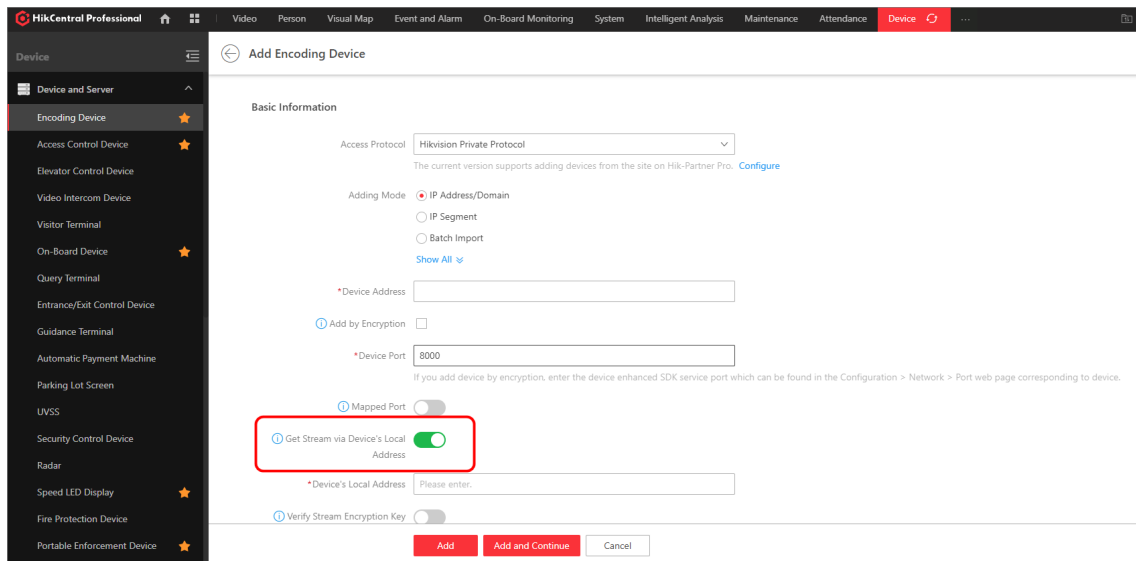


Figure 1-1 Get Stream via Device's Local Address

2. For IP Speakers:
 - a. Supports switching device types.

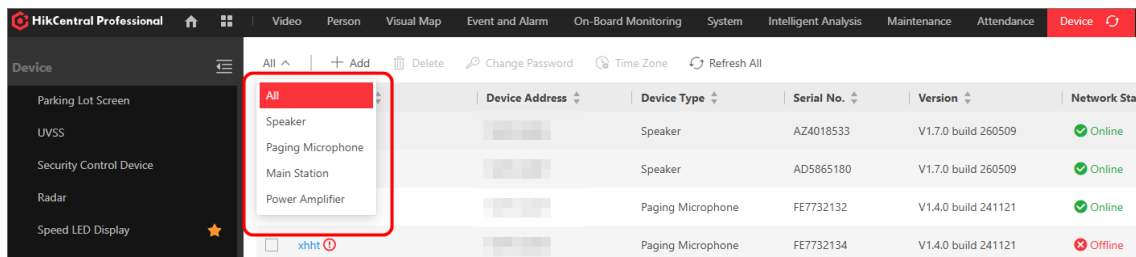


Figure 1-2 Switching Device Type

- b. Supports setting the time zone when adding new devices or for existing devices.

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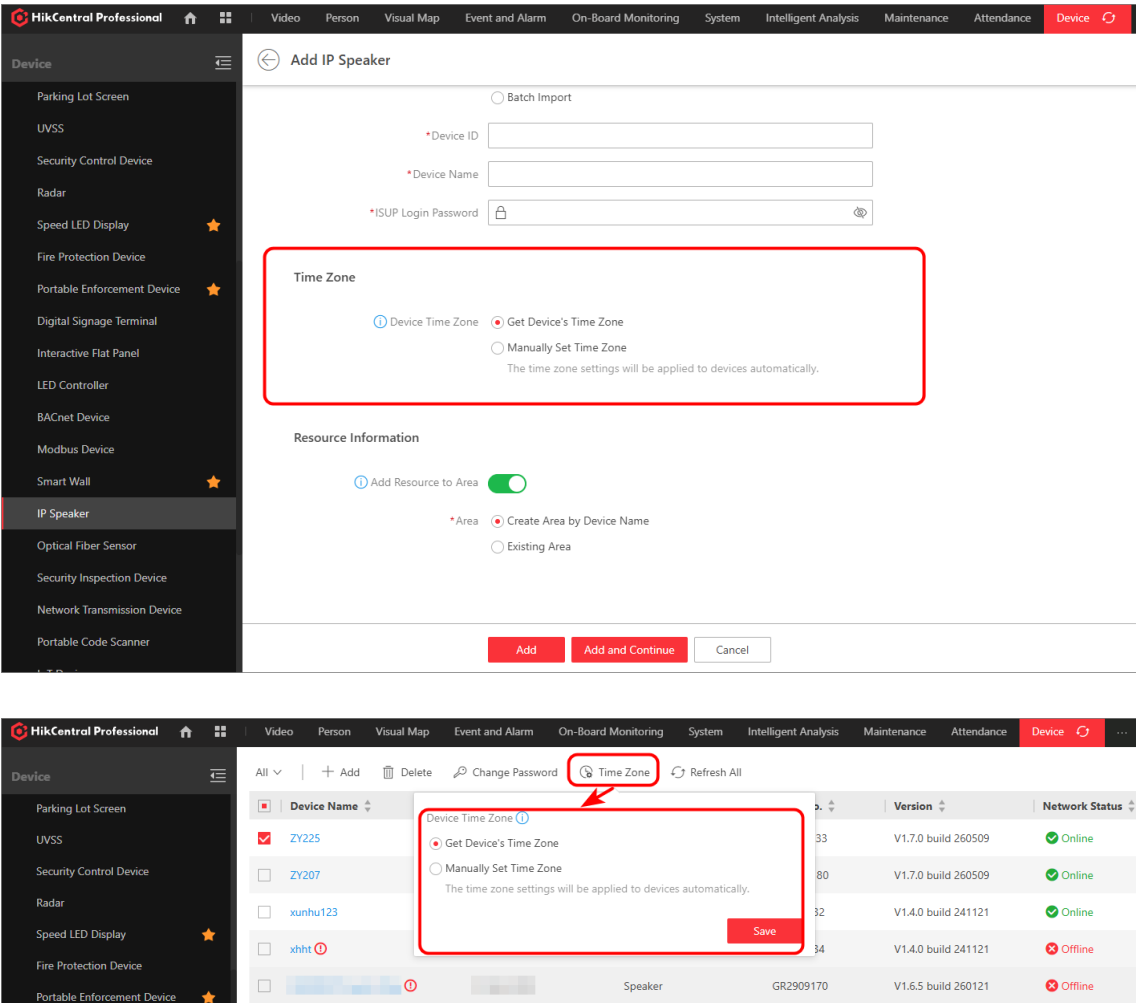


Figure 1-3 Time Zone

c. Add the Network Status and IP Address fields to the main station's resource information.

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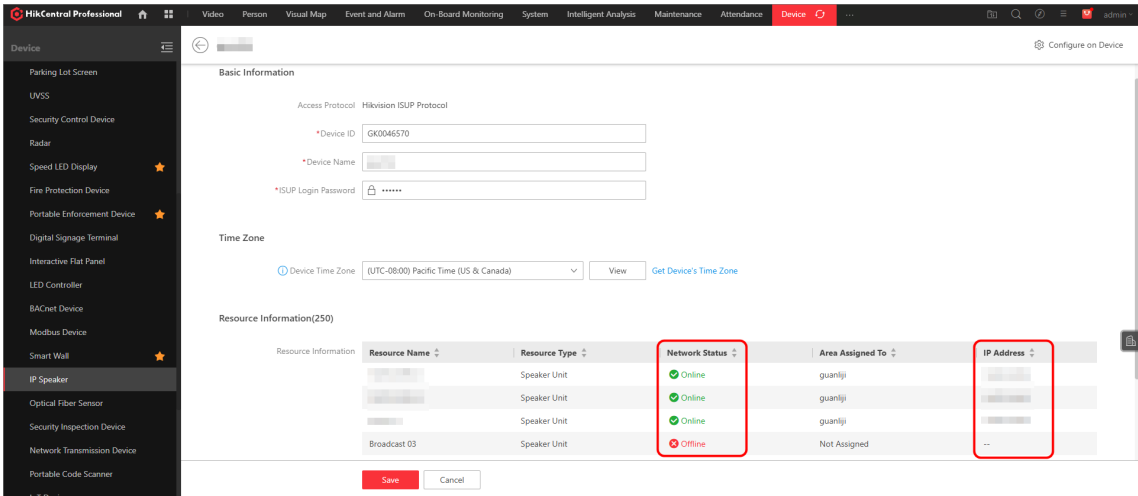


Figure 1-4 Main Station's Resource Information

3. The **Query Terminal** module allows you to upload a custom background image, which will be displayed in the Query Terminal client or app.

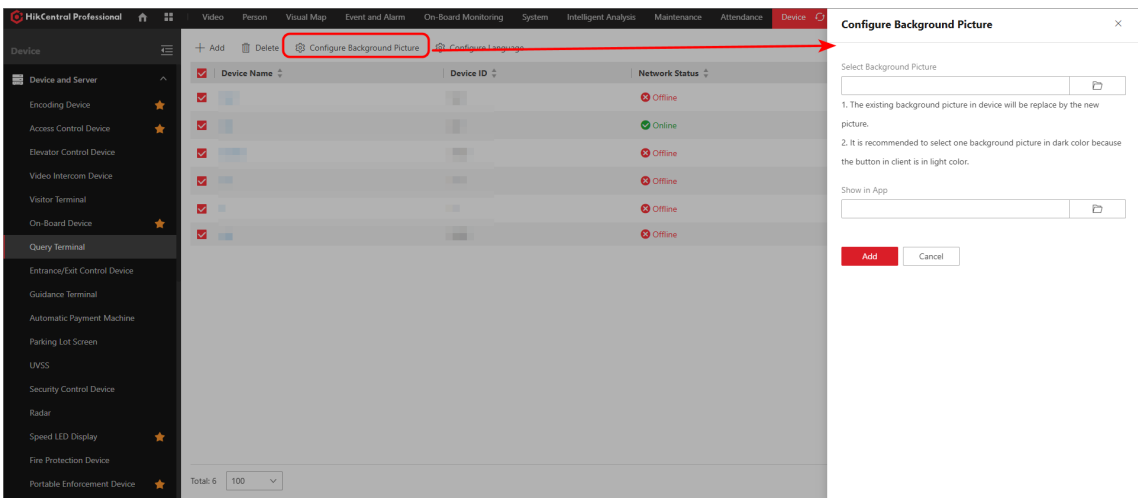


Figure 1-5 Configure Background Picture

4. Adds a **Speed LED Display** module for roadside speed alerts. It supports adding devices and configuring the time zone, speed threshold (triggers over-speed alarm), and low battery threshold (triggers low battery alarm).

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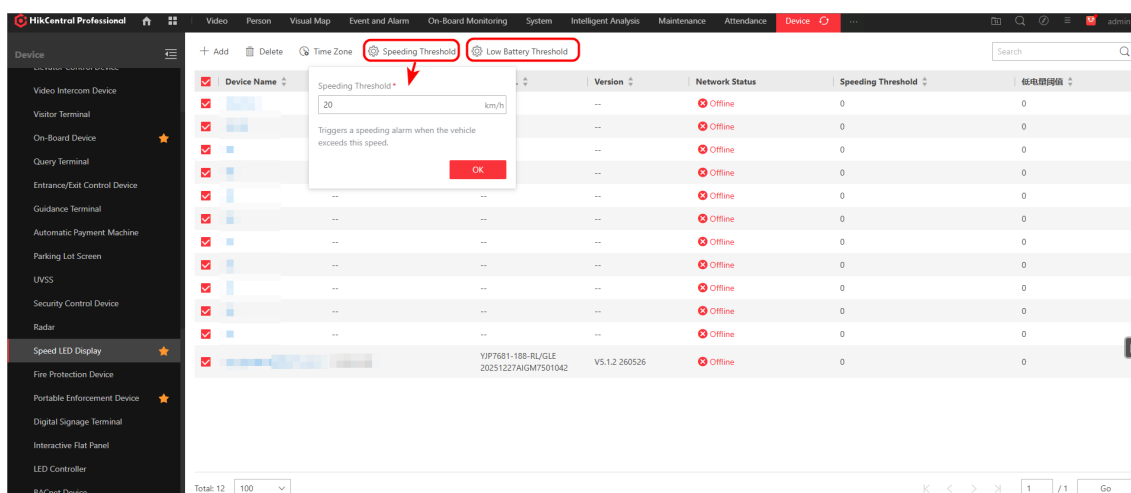


Figure 1-6 Speed LED Display

- For fire protection devices, adds **Fire Alarm Control Panel** to help centrally managing zones and fire alarm points.

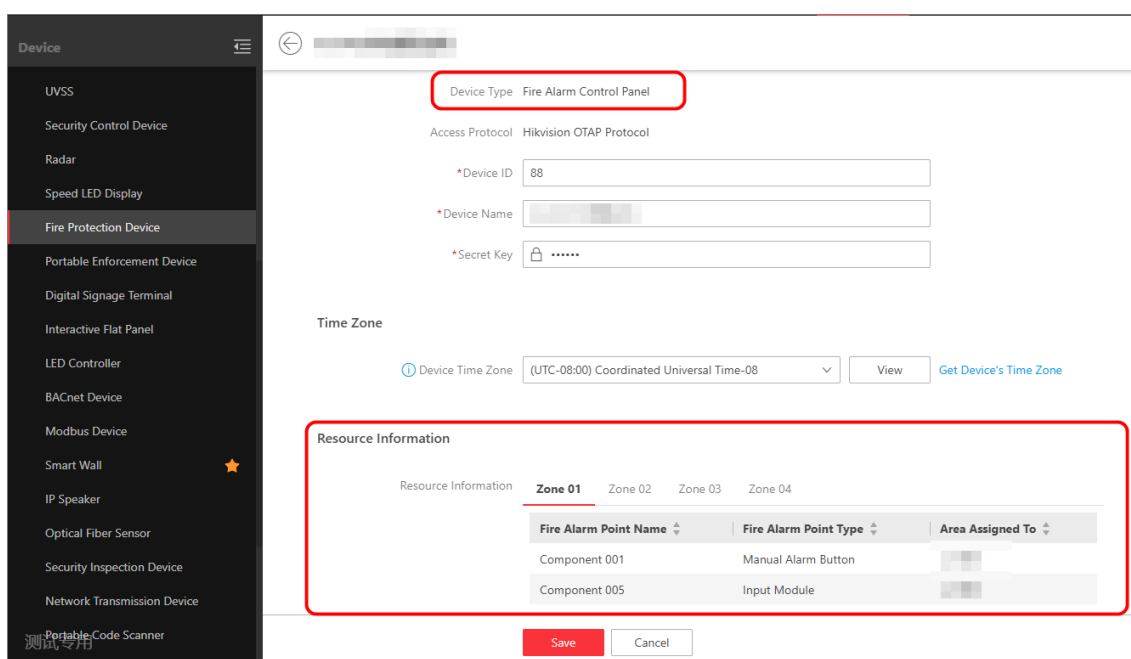


Figure 1-7 Fire Alarm Control Panel

- For **Portable Devices**, supports remote management of Body Cameras through the platform, including device locking, SD card formatting, and remote shutdown. This feature enhances security control in case of a Body Camera loss.

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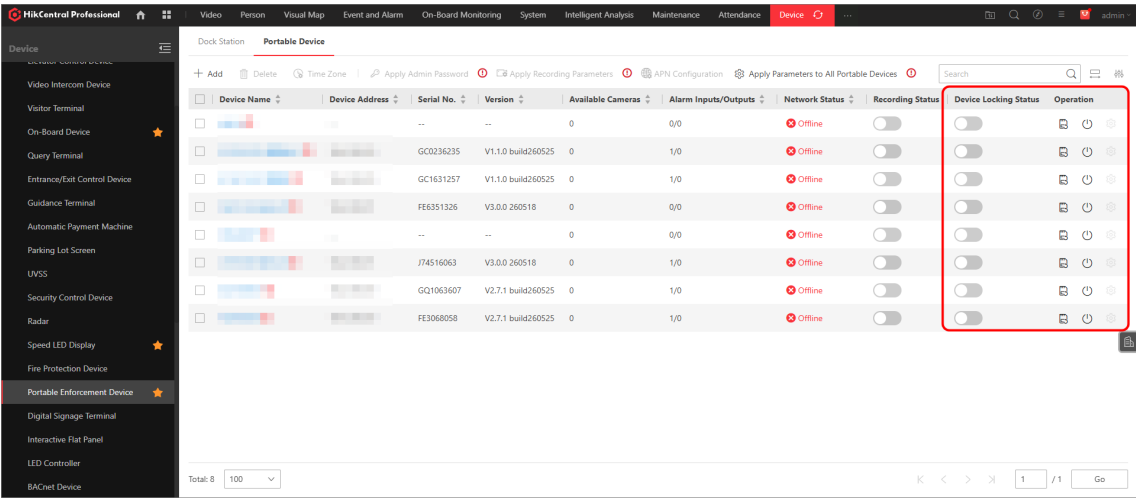
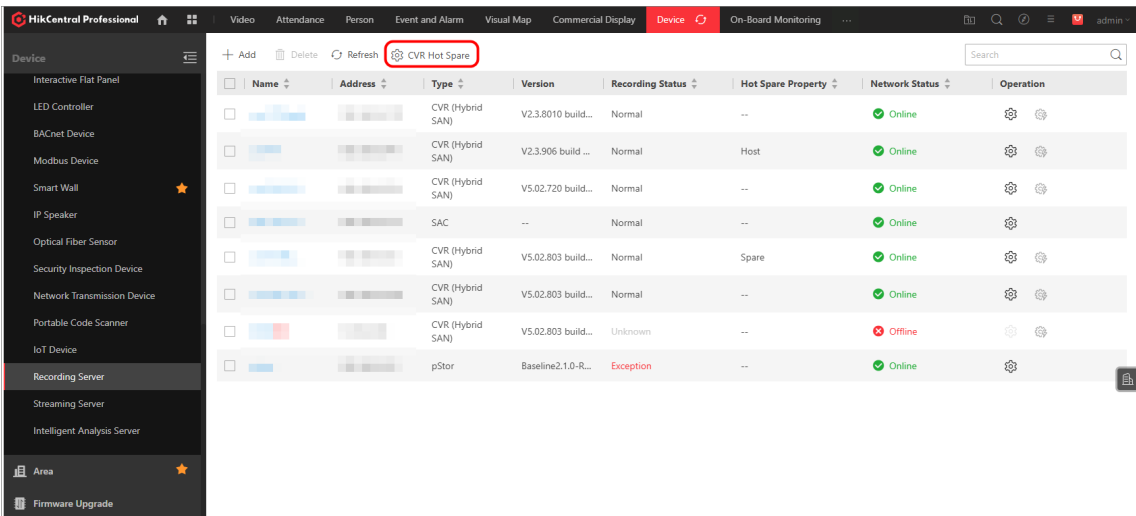


Figure 1-8 Remote Control

- 7. The Intelligent Analysis Server now includes a new type called the **Multimodal Thinking Server**.
- 8. Adds hot spare support for CVR.



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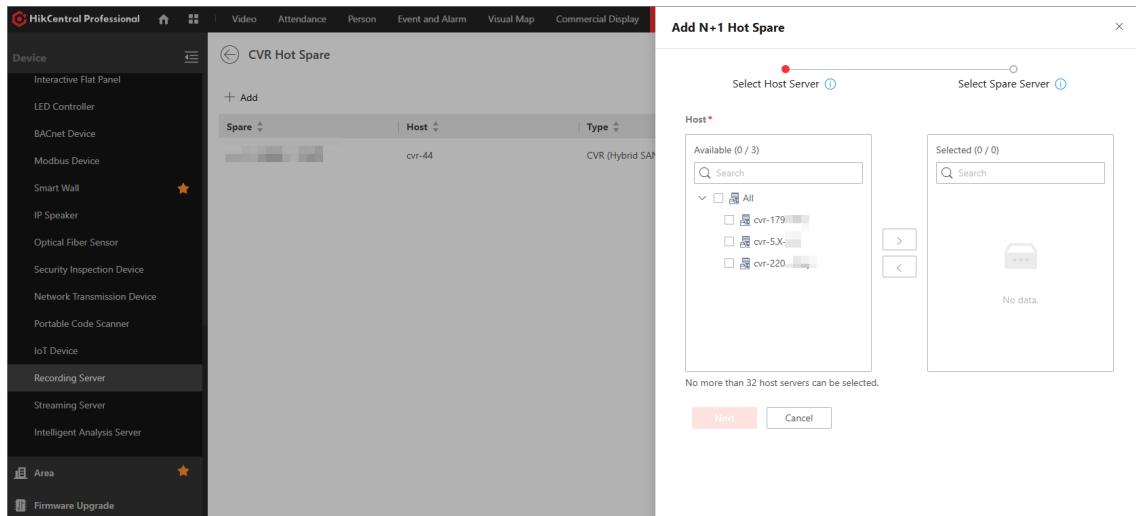
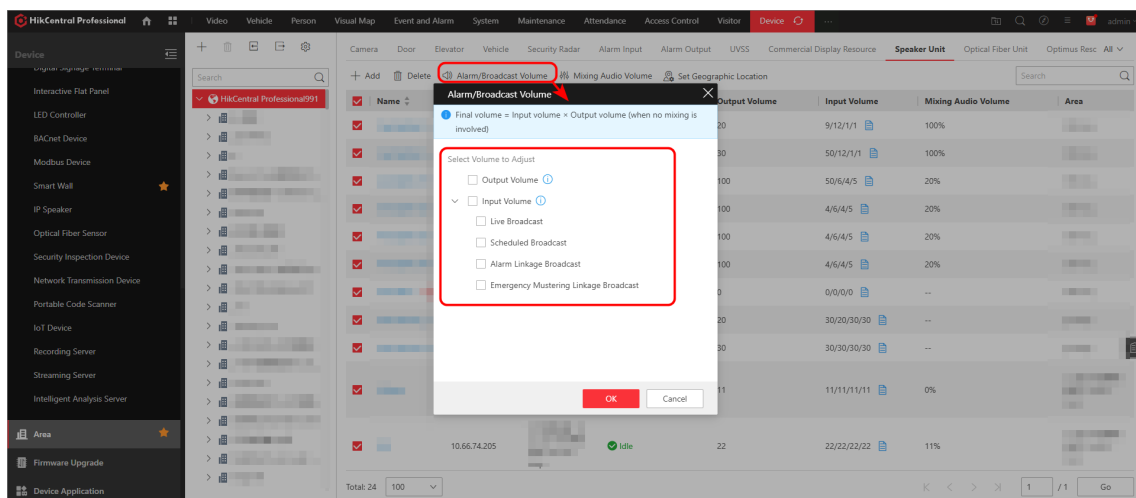


Figure 1-9 CVR Hot Spare

1.2 Area

1. **Speaker Unit:** Alarm/broadcast volume settings now include separate output volume and input volume controls (for Live Broadcast, Scheduled Broadcast, Alarm Linkage Broadcast, and Emergency Mustering Linkage Broadcast). Input Volume and Output Volume columns have been added to the list.



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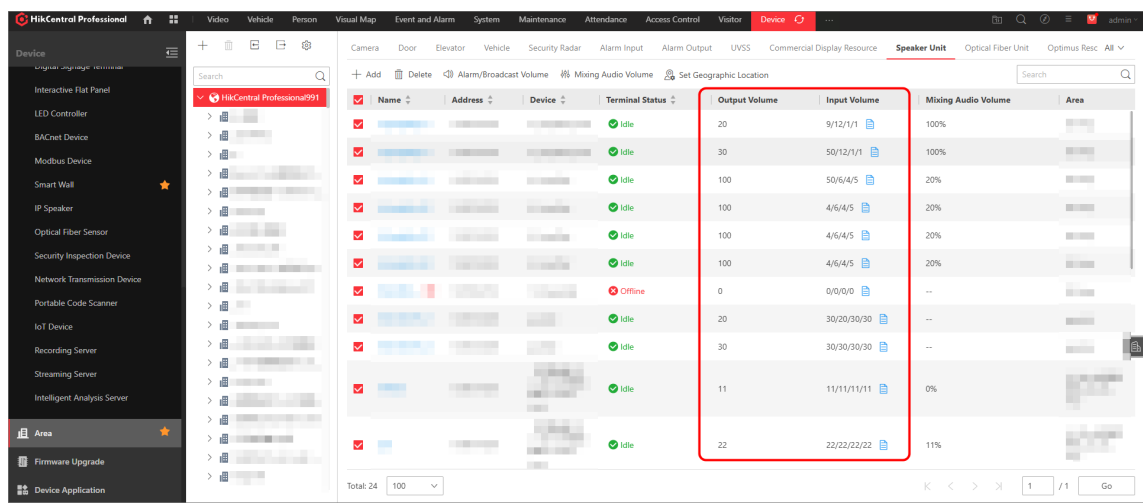


Figure 1-10 Alarm/Broadcast Volume Settings

2. For PTRZ cameras, it supports **PTRZ control**, including rotation, speed adjustment, zoom in/out, etc.

PTRZ Camera

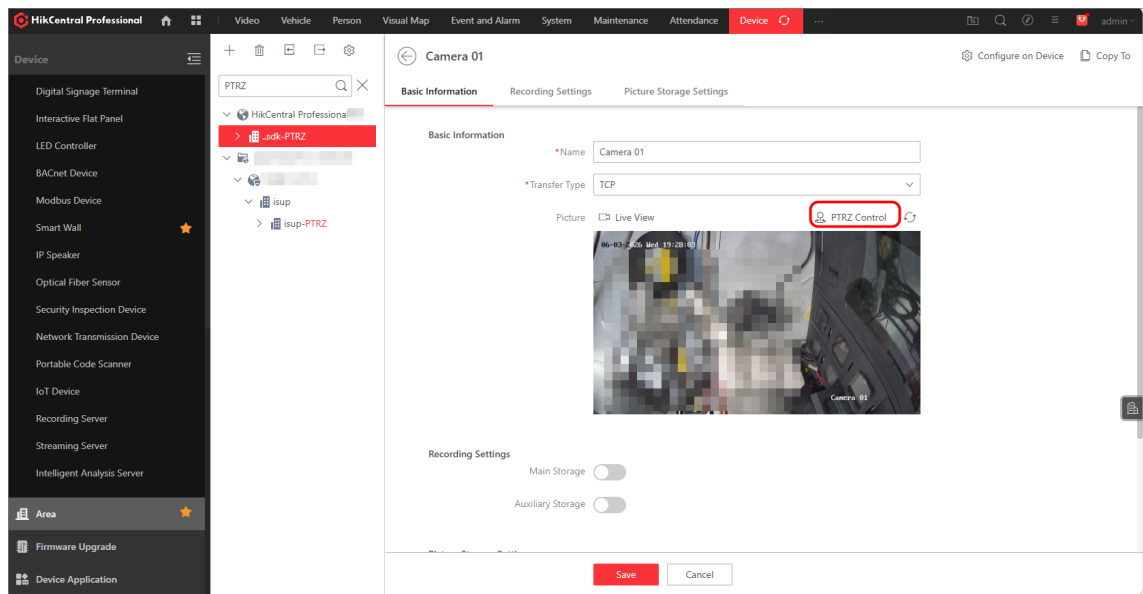


Figure 1-11 PTRZ Camera

PTRZ Control

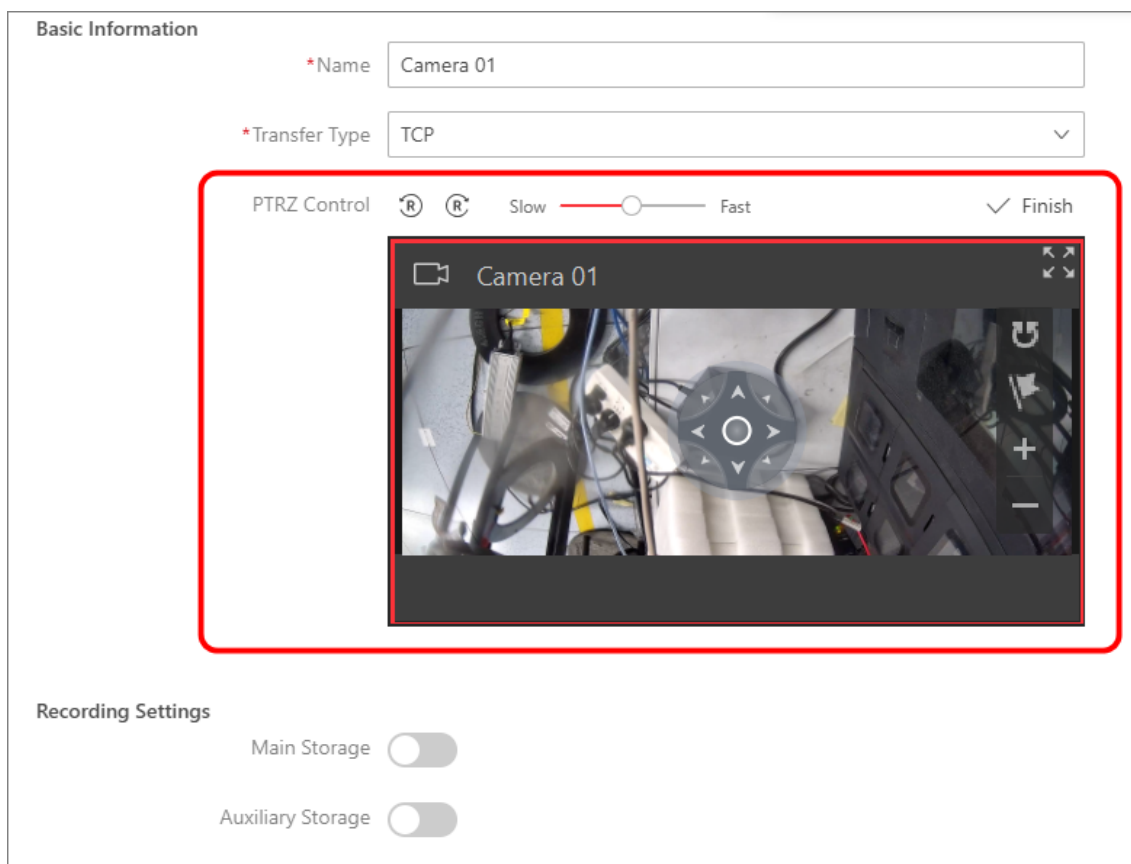


Figure 1-12 PTRZ Control

3. For Security Radars, adds the feature **Arm on Map** to visually align the radar with the actual site. You can calibrate its location (via GIS map or on a static map) and orientation for accurate target display, and draw zones or trigger lines to define monitoring boundaries and reduce false alarms.

Entry

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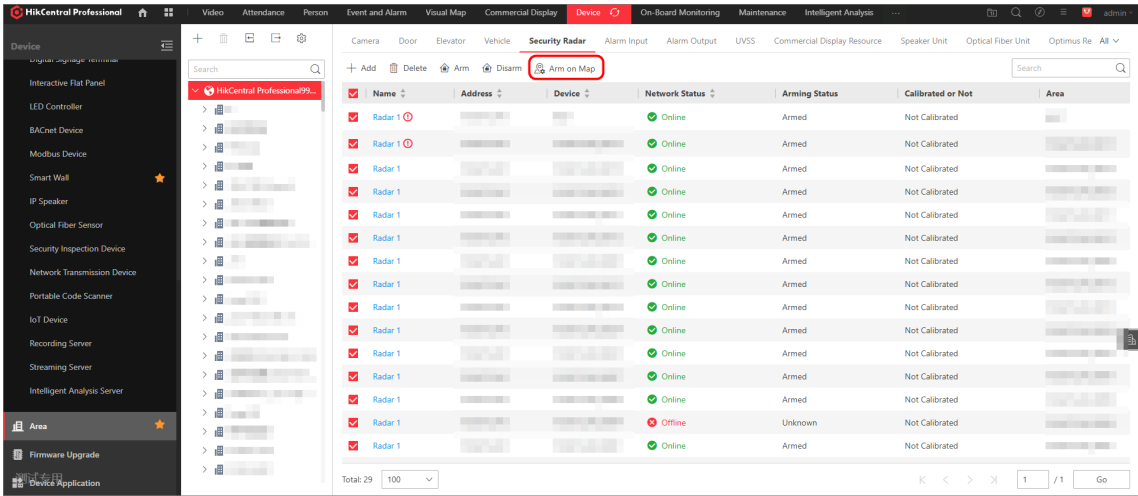


Figure 1-13 Entry

First Step

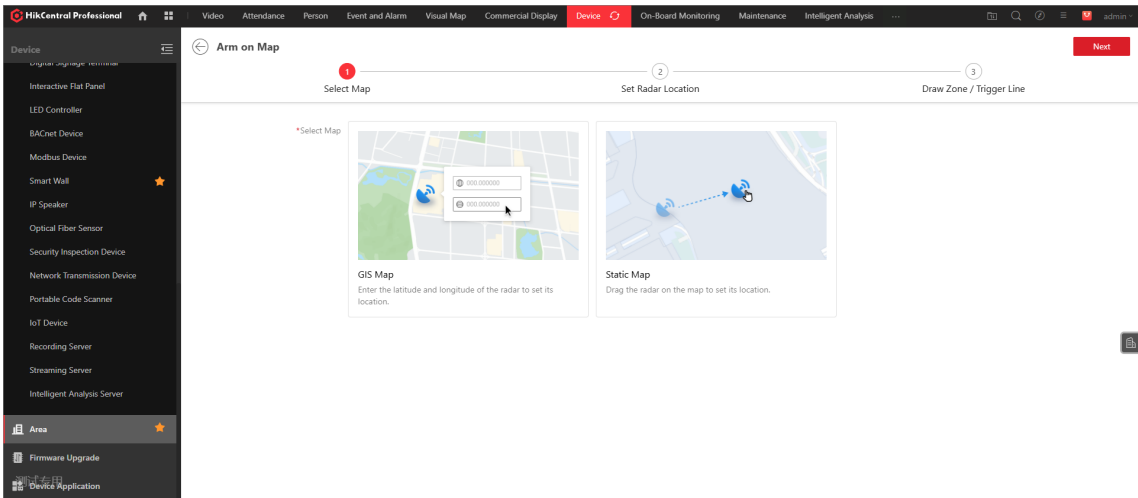


Figure 1-14 First Step

Last Step

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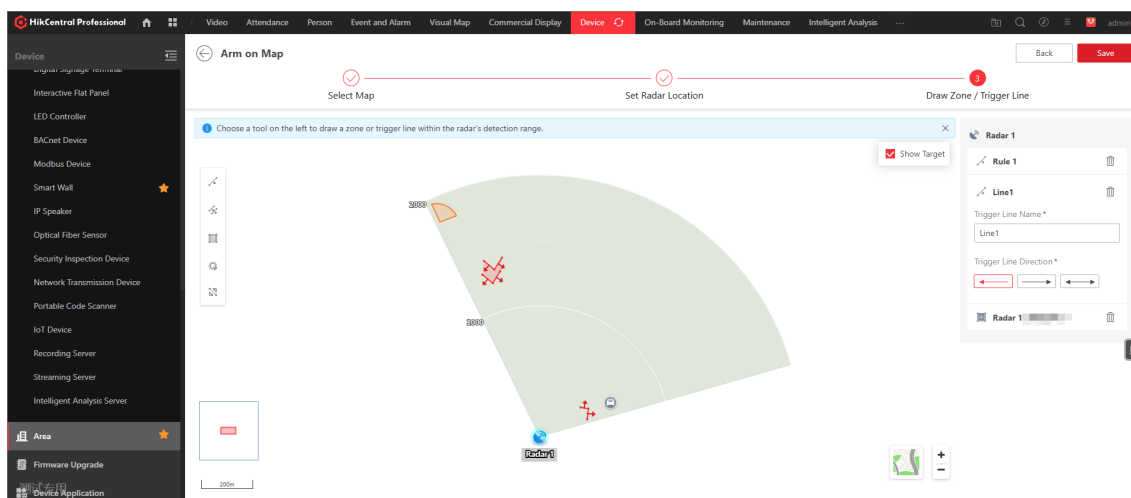
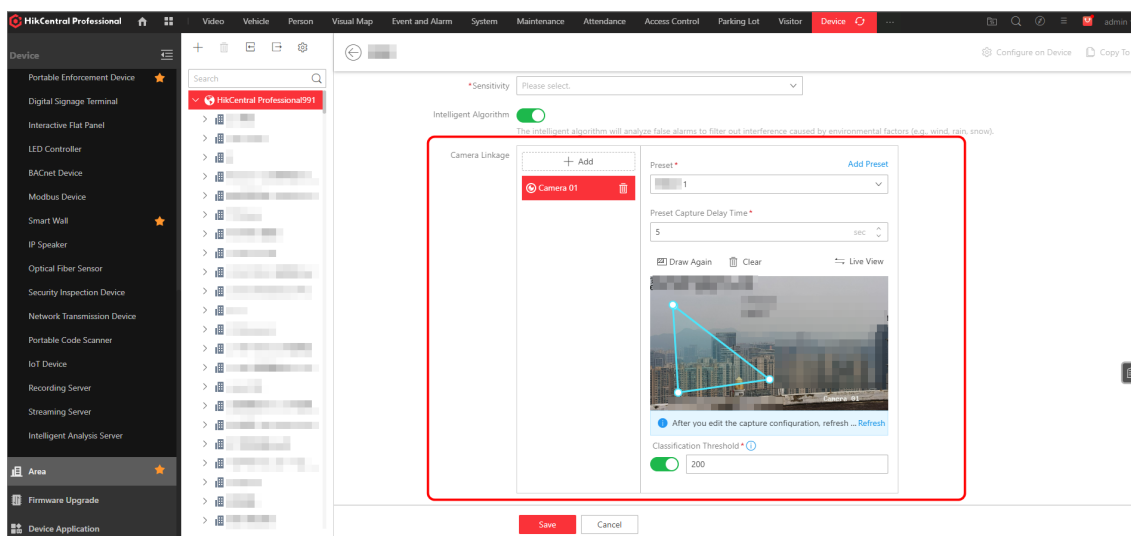


Figure 1-15 Last Step

- For **Optical Fiber Units**, adds key area drawing for linked cameras to filter out false alarms and the classification threshold feature to reduce light interference.



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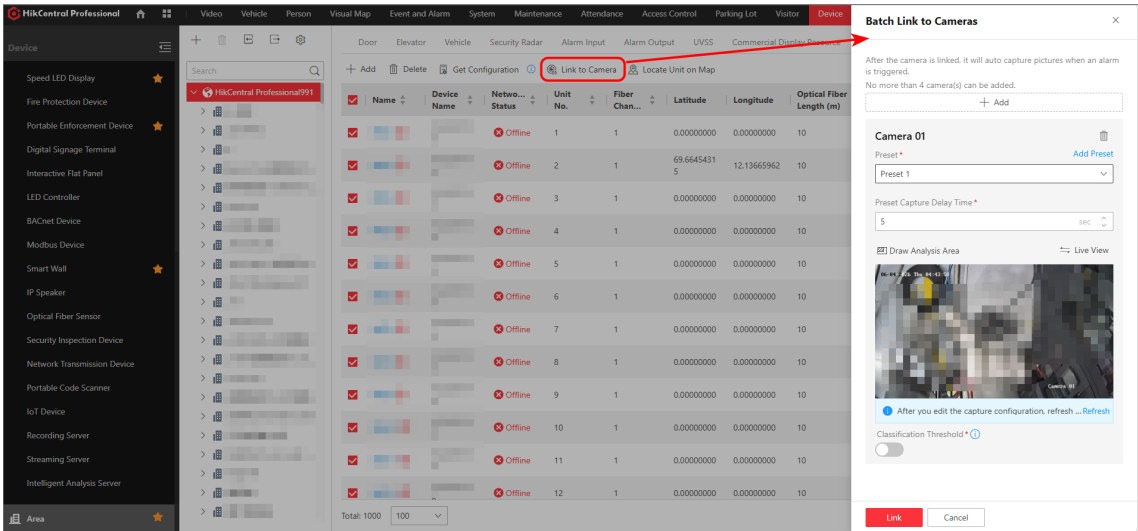
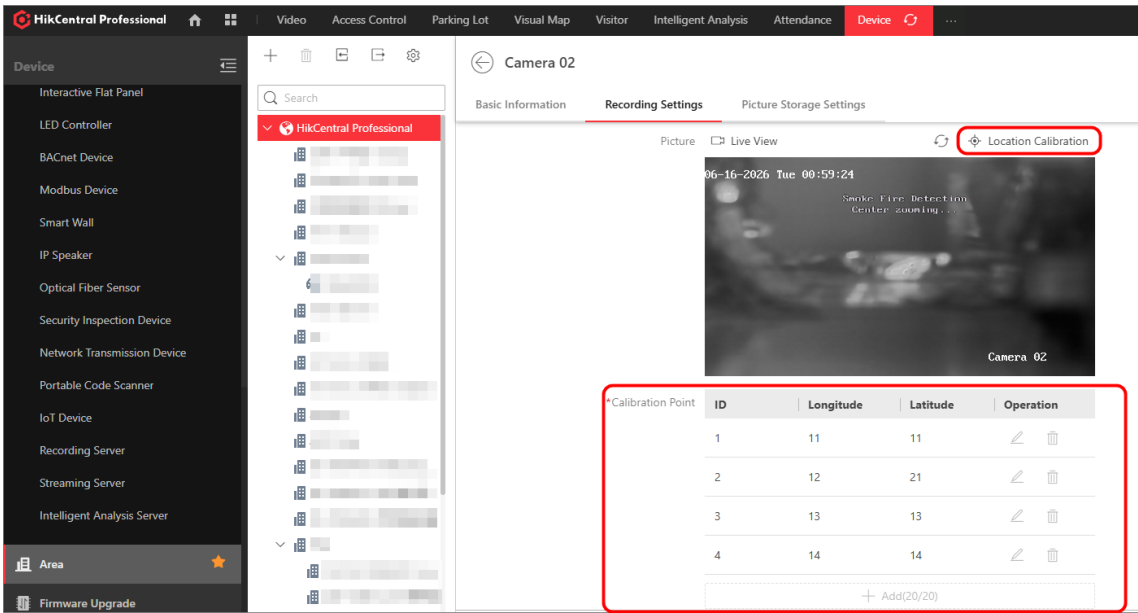


Figure 1-16 Optical Fiber Unit

5. Adds **Forest Fire Detection Camera** to quickly detect and accurately locate fires, reducing fire losses. It supports adding or editing calibration points (requiring coordinate verification) to correct installation deviations from true north.



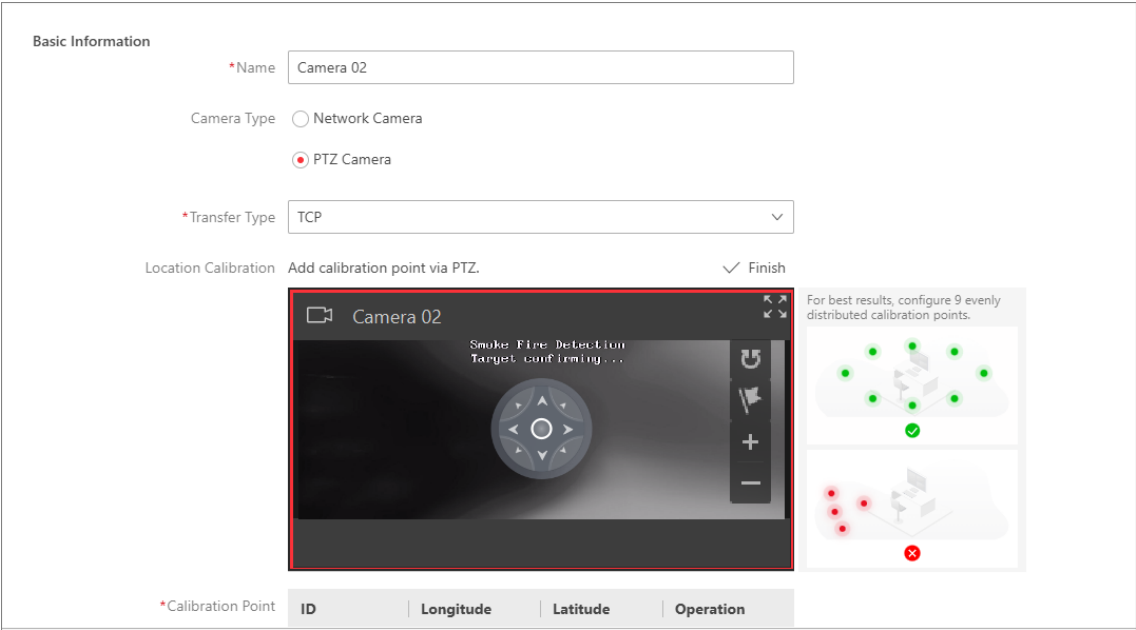


Figure 1-17 Location Calibration

Chapter 2 Person

Optimizations

1. (Web Client) PIN codes can now be set to 4 to 8 digits (default 8 digits), adapting to regional access control needs.

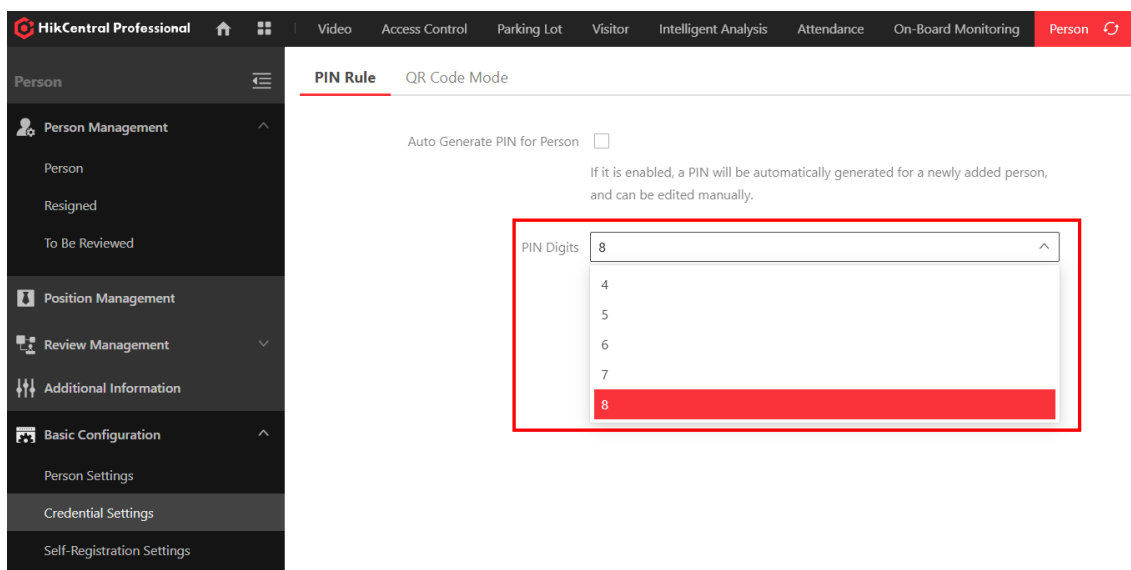


Figure 2-1 PIN Rule

2. (Web Client) You can now customize the email template for employee login password expiration reminders. The system provides default templates and editable placeholders, allowing you to adjust content based on company needs to ensure clear and professional notifications.

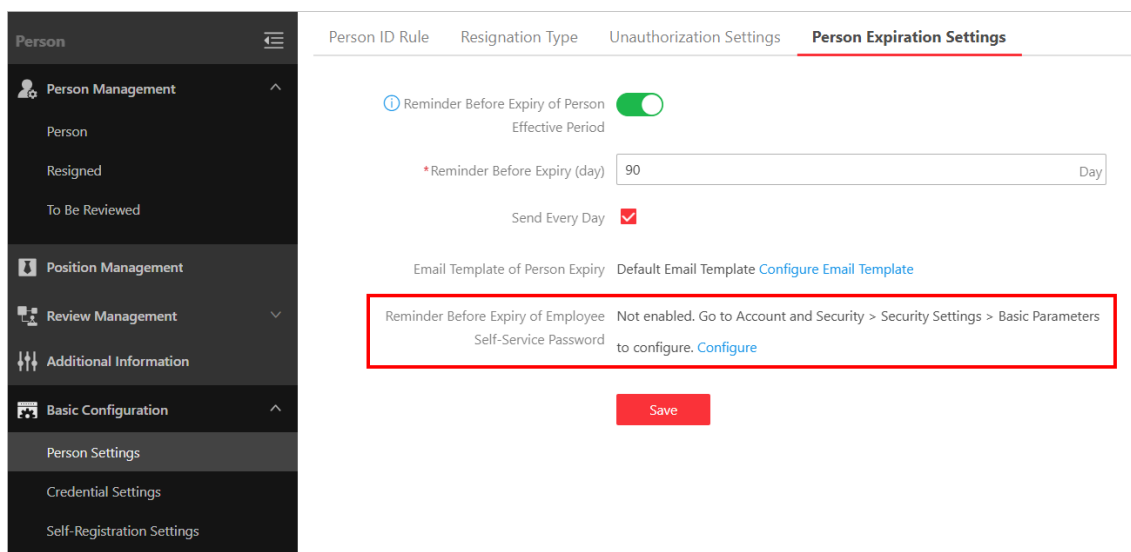


Figure 2-2 Person Expiry Settings

3. (Web Client) Adds a batch search function to multiple interfaces involving person ID queries (such as access level assignment and access event search). Users can now enter up to 20 person IDs at once for querying, separated by spaces or commas. When entering a single ID, the system still supports fuzzy matching; when entering multiple IDs, the system performs exact searches and automatically filters duplicates. This optimization significantly reduces repetitive operation time, especially suitable for scenarios requiring simultaneous management of multiple persons.

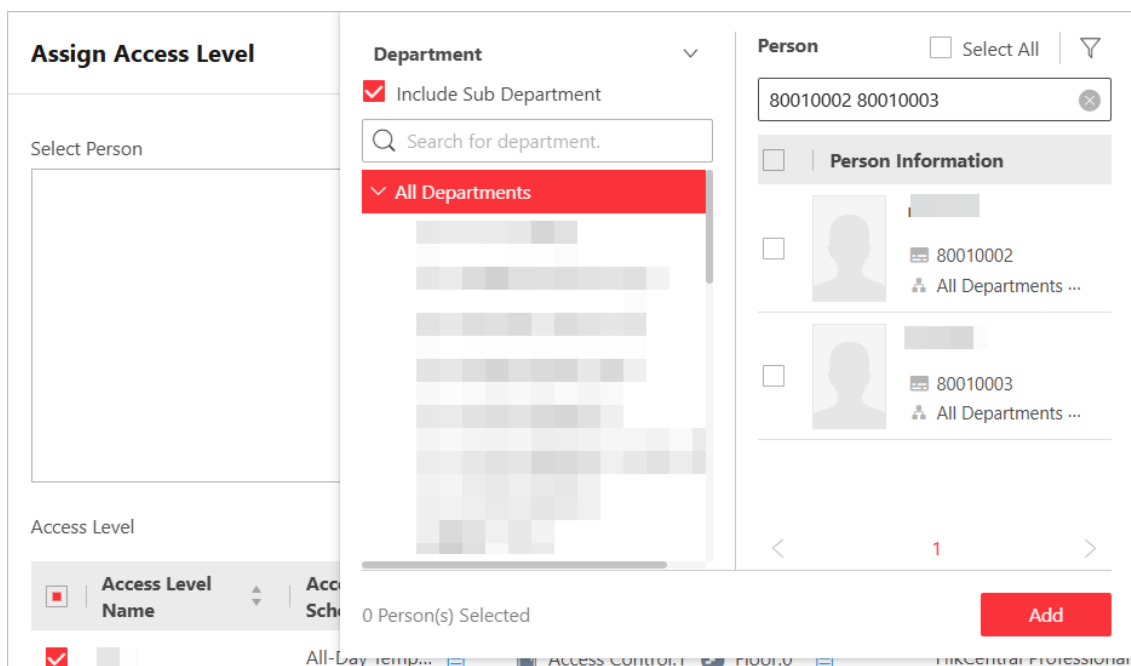


Figure 2-3 Person Selection

4. (Web Client) When downloading person importing failure information, users are now required to enter the password and set package password.

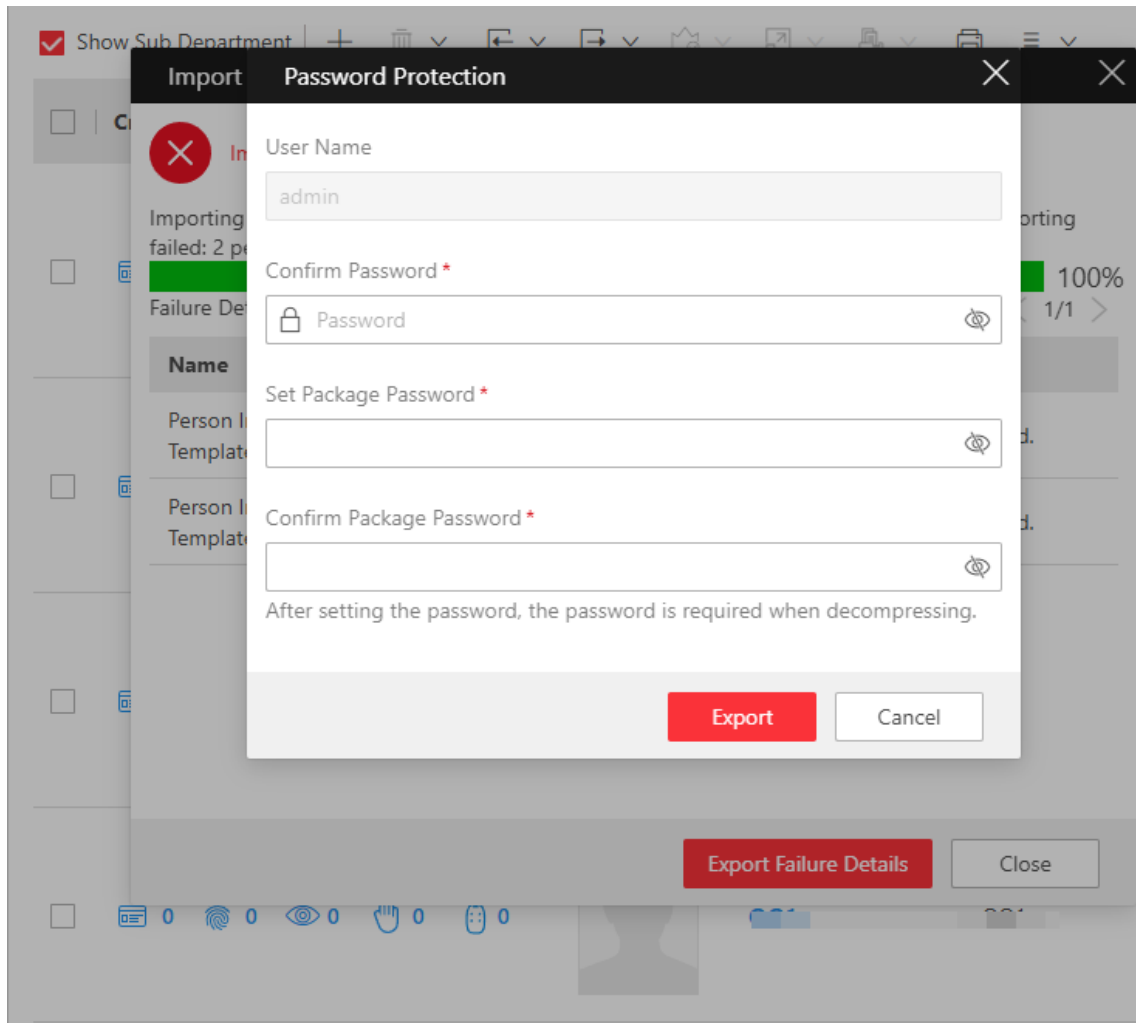


Figure 2-4 password protection

5. (Web Client) UHF cards now display a dedicated label during vehicle card configuration or association, enabling quick identification.

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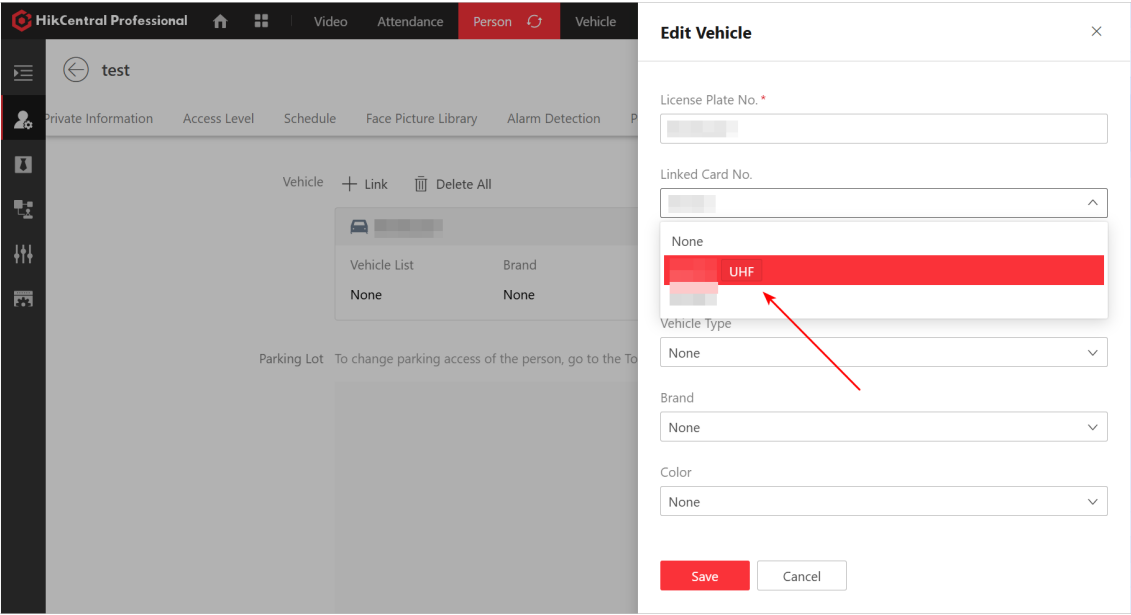


Figure 2-5 Edit Vehicle

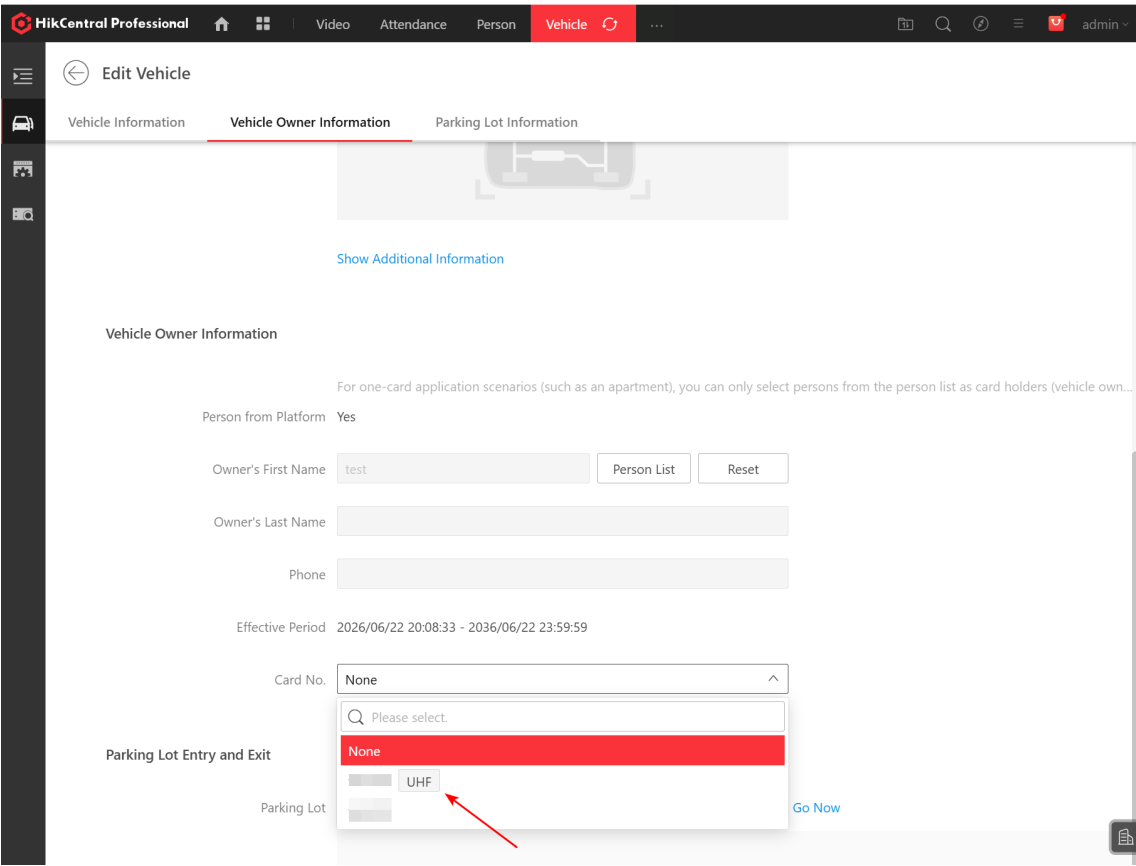


Figure 2-6 Vehicle Owner Information

6. (Web Client) Optimizes permission configuration for **paid** parking lots. When adding a person, the system no longer supports pre-configuring parking access permissions. Users will receive clear prompts guiding them to the Top-Up Management page to complete payment. After successful recharge, the relevant details pages will only display current valid permissions, eliminating unnecessary configuration steps. This adjustment streamlines operations and enhances efficiency for managing paid parking services.

Vehicle Information

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

Parking Lot To change parking access of the person, go to the Top-Up Management page. [Go Now](#)

No data.

Save Cancel

Figure 2-7 Vehicle Information

7. (Web Client) Optimizes credential (including profile picture, card, fingerprint, iris, and palmprint) collecting experience by adding clearer guidance and real-time progress feedback for smoother operations. This update enhances the credential upload pop-up with visual guides and unified progress indicators, making it easier to complete credential collection.
8. (Web Client) When collecting fingerprints, the drop-down options for selecting card readers are now grouped by their associated access doors. This improvement also applies to fingerprint collection in visitor registration scenarios, ensuring consistent and smooth user experience.
9. (Web Client) Clear prompts now explain the difference between "Approve own department's approval forms" and "Approve all departments' approval forms" in visitor approval flow configuration, reducing mis-selection.

← Add Visitor Approval Flow

Basic Settings

Name *

Validity Period *
 -

Approval Rule for Each Node * ⓘ
☒ Require Approval of Any Reviewer
☐ Require Approval of All Reviewers

Enable Approval Flow
☒

Configure Flow

Approval Role of Reviewer *

Department for Approval * ⓘ

Select Own Department, members in the approval role can only approve requests from their own department.
Select All Departments, members in the approval role can approve requests from all departments.

Role of Person to Be Notified ⓘ

Department to Be Notified
☒ Own Department
☐ All Departments

Figure 2-8 Add a Visitor Approval Flow

10. (Web Client) On the Self-Registration Settings page, adds the button for adding users as persons. By clicking the button, you can jump to the page for personal information setting.

Self-Registration Settings

QR Code for Self-Registration

QR Code



[Download](#) [QR Code Link](#)

Face Quality Verification

 Check Face Picture Quality via Device

☐

Review Settings

Save

Figure 2-9 Self-Registration Settings

11. (Web Client) Significantly improves efficiency and stability when importing large volumes of persons from Azure AD domains. Data retrieval for persons from Azure AD is now handled asynchronously, with real-time progress display to prevent page freezes.

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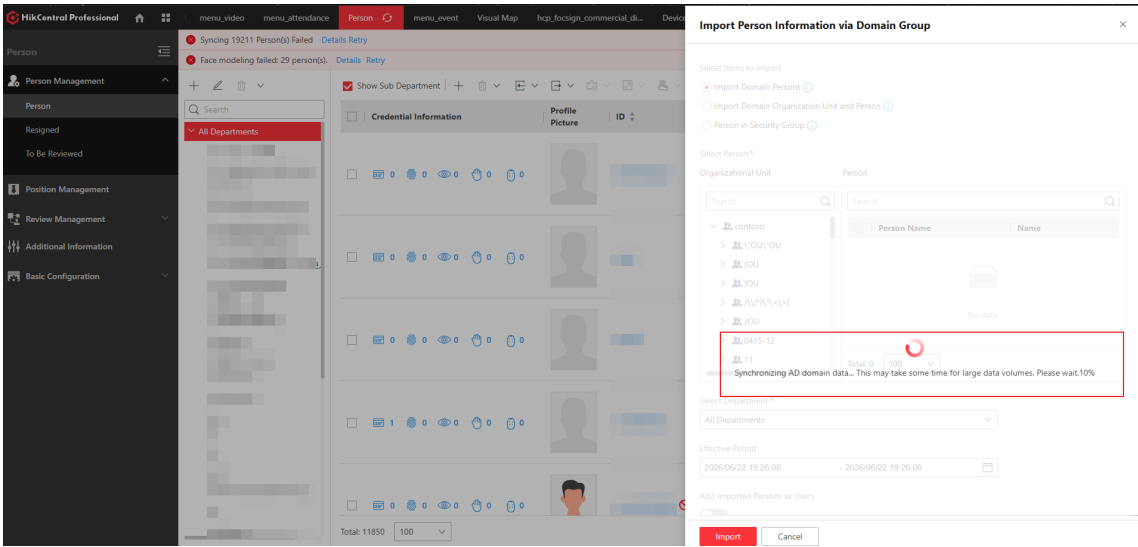


Figure 2-10 Import Person Information via Domain Group

Chapter 3 Vehicle

Optimizations

1. (Web Client) Centralizes the entry for parking access permission configuration. Parking access permission configuration can no longer be configured on the Add Person / Edit Person / Add Vehicle / Edit Vehicle page. Users are directed to the Top-Up Management module, where permissions are automatically activated upon successful top-up.

← Edit Vehicle

Vehicle Information Vehicle Owner Information **Parking Lot Information**

Phone

Card No. You can issue cards to persons selected from the Person module.

Parking Lot Entry and Exit

Parking Lot To change parking access of the person, go to the Top-Up Management page. [Go Now](#)

Figure 3-1 Edit Vehicle

2. (Web Client) Adds the UHF card label for easy identification between IC and UHF cards when linking a card to the vehicles.

← Edit Vehicle

Vehicle Information **Vehicle Owner Information** Parking Lot Information

For one-card application scenarios (such as an apartment), you can only select

Person from Platform Yes

Owner's First Name

Owner's Last Name

Phone

Effective Period 2026/06/11 14:36:00 - 2036/06/11 14:36:00

Card No.

Parking Lot Entry and Exit

Parking Lot

Figure 3-2 UHF Card Label

Chapter 4 Account and Security

Significantly improves efficiency and stability when importing large volumes of users from Azure AD domains. Data retrieval for security groups or users from Azure AD is now handled asynchronously, with real-time progress display to prevent page freezes. If another user is synchronizing data, the system prompts a notification to prevent conflicts.

Chapter 5 Maintenance

Optimizations

1. (Web Client & Control Client) When a streaming server goes offline due to an SK (Security Key) mismatch, the system will now show a red exclamation mark icon next to the server name in the real-time resource status list, with a clear message indicating streaming server offline due to SK token exception. Users can quickly identify the cause of the exception without navigating to other pages, streamlining troubleshooting.
2. (Web Client & Control Client) On the **Resource Status → Door** page, the previous "Network Status" description has been changed to "Face Recognition Terminal Status," with added arming status information (e.g., Armed or Arming Failed). If a terminal is offline, it automatically shows as Arming Failed; when online, the status dynamically reflects the actual armed result.

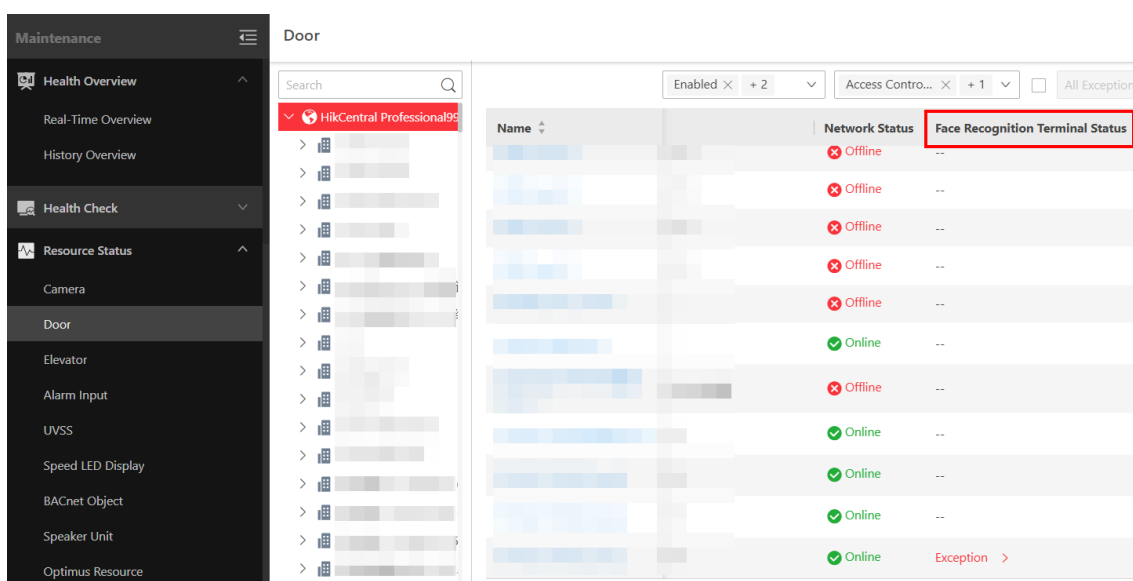


Figure 5-1 Face Recognition Terminal Status

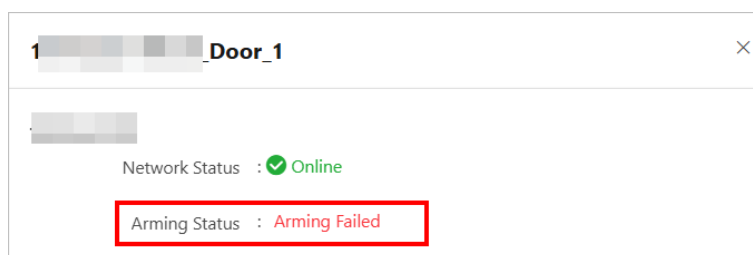


Figure 5-2 Status Details

3. (Web Client & Control Client) On the Real-Time Overview page, adds the real-time status display of speed LED display devices.

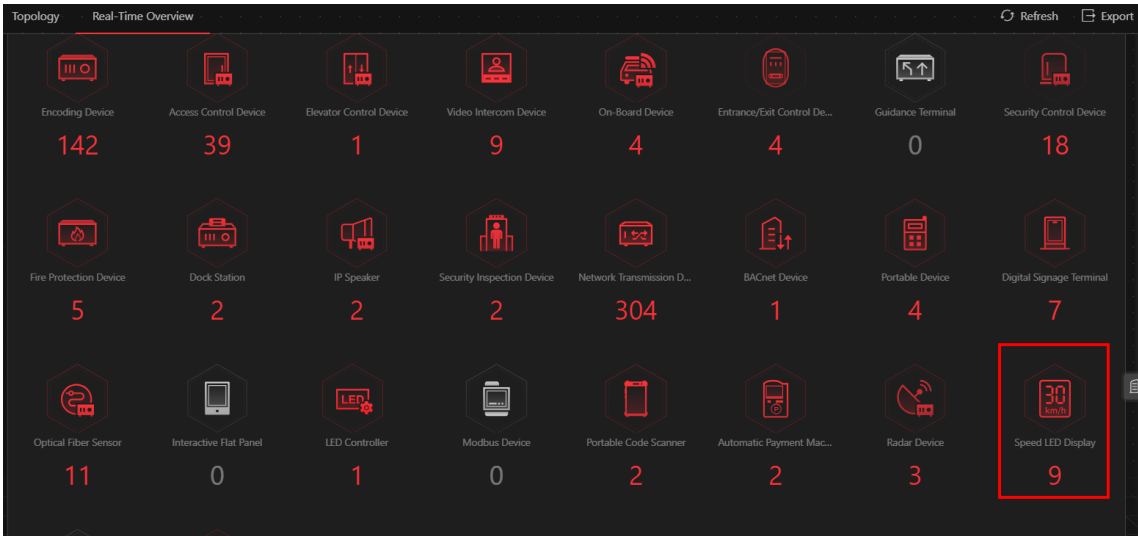


Figure 5-3 Real-Time Overview

4. (Web Client & Control Client) On the **Resource Status → Portable Device** page, supports display the dock station and dock station bay for portable devices.

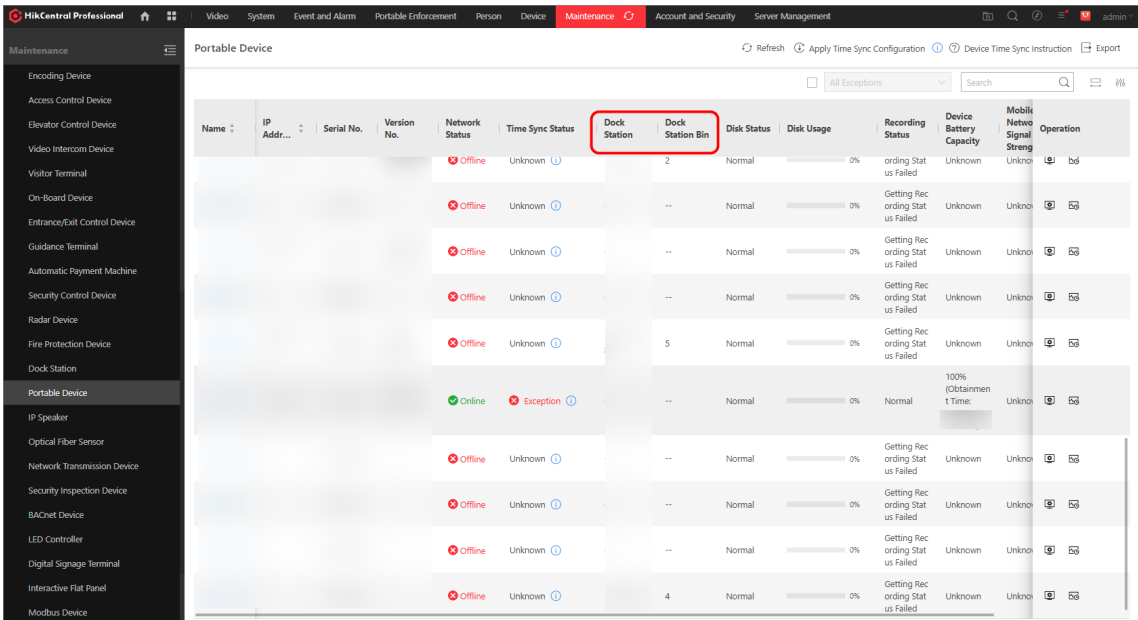


Figure 5-4 Display of Dock Station & Dock Station Bay

5. (Web Client & Control Client) On the **Resource Status → On-Board Device** page, support displaying device IMEI and ICCID (SIM card inserted).

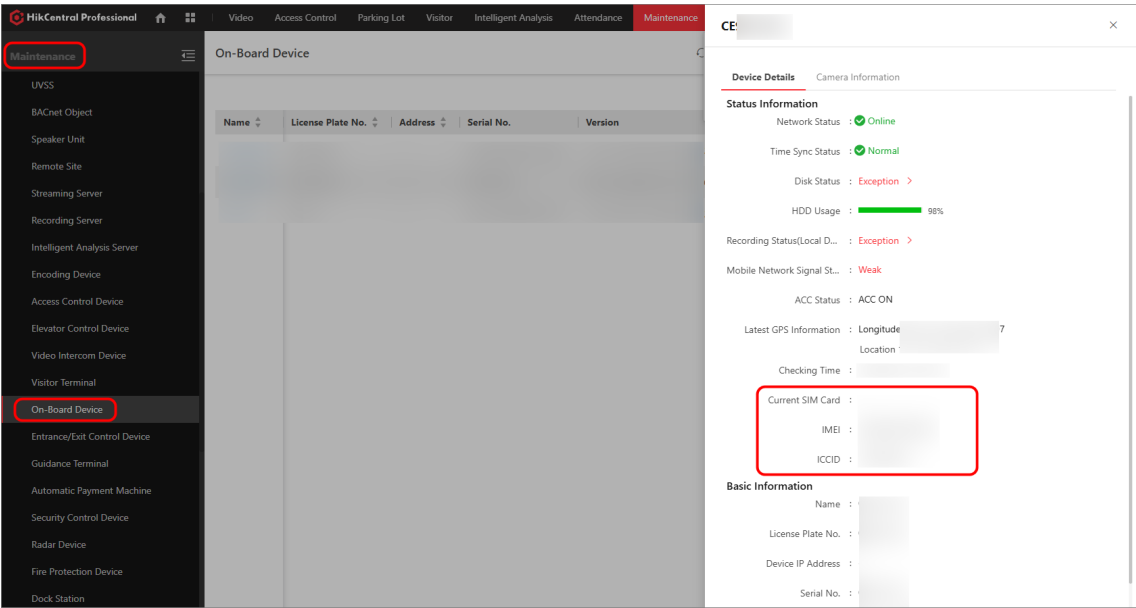


Figure 5-5 Display Device IMEI & ICCID

6. (Web Client & Control Client) The **Resource Status** → **Intelligent Analysis Server** page now supports a new type called the **Multimodal Thinking Server**.

Chapter 6 System

6.1 New Features

1. (Web Client) A new global configuration page is added under System Settings. You can now enter your Azure credentials (Tenant ID, Client ID, Client Secret Value, etc) just once. These base parameters are automatically shared across both Active Directory (AD) integration and Email Service configurations, preventing configuration errors, and ensuring consistency across AD and email modules when updating Azure credentials.

A secure OAuth 2.0 authentication mode is now available for email services, replacing risky plain-text password transmission with secure access tokens. This mode fully supports Microsoft (Outlook, Office 365) and Google (Gmail) enterprise mailboxes. Your system is robustly protected against phishing attacks, credential stuffing, and password leaks—ideal for sites with high security requirements.

Azure Connection

Access Microsoft cloud services via Azure to enable [Active Directory](#) and [Email Service](#). Azure only supports HTTPS. Refer to [User Manual](#) for detailed instructions.

*Tenant ID

*Application (Client) ID

Secret ID

*Client Secret Values

Connection Status

Figure 6-1 Azure Connection

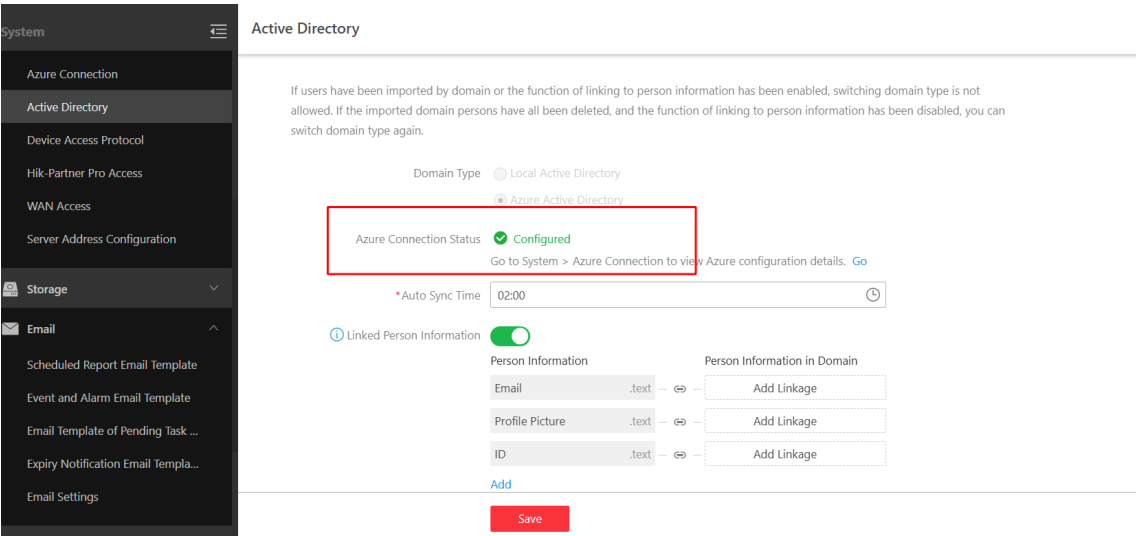


Figure 6-2 Active Directory

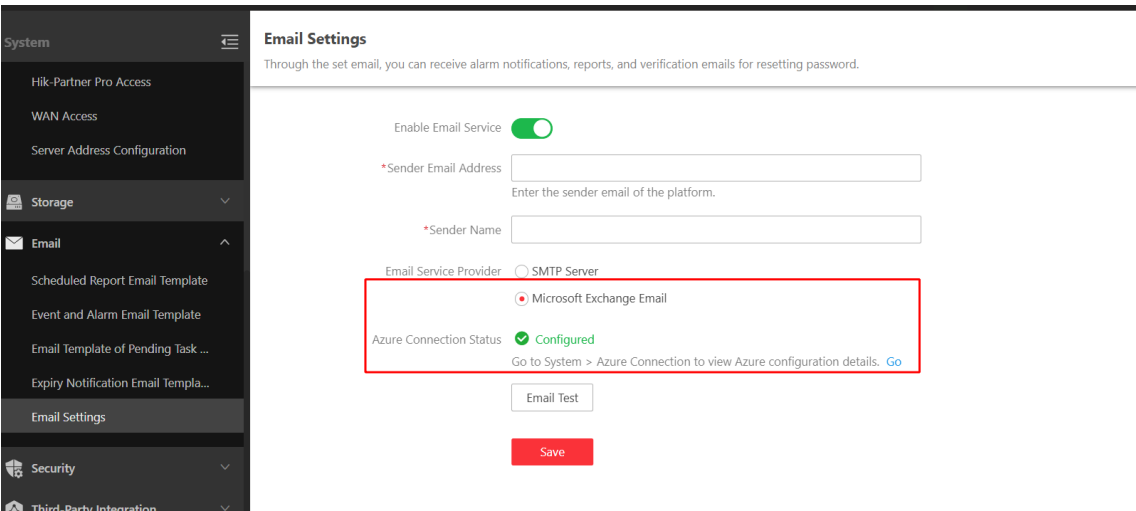


Figure 6-3 Email Settings

2. (Web Client) Adds the configuration of forest fire protection cameras.

License Details

License Details

Latest Expiry Date : 2026/08/18(Trial Period)

System Users		225/10000
Video		
Video Security	Enabled	
Cameras	582/200000	
Thermal Cameras (Report Supported)	13/3000	
Camera from Hik-Partner Pro	0/10000	
ONVIF Camera	11/200000	
Third-Party Camera	36/10000	
Forest Fire Detection Camera	0/1024	
Intelligent Recognition		
AcuSeek	Enabled(Cloud LLM)	
AcuSeek FullSmart Cameras	384/6000	
AcuSeek Cameras	16/5000	

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.

You can disable the application if you do not want to use it. If disabled, the application will be hidden in platform and the related content in other applications will be hidden. [Go to Set](#)

Figure 6-4 License Details

6.2 Optimizations

System

1. User Preference

(Web Client) The platform now supports customizable vehicle speed units to accommodate usage habits in different regions worldwide. Users can select between kilometers per hour (km/h) or miles per hour (mph) in the system preference settings, with km/h as the default.

Once configured, all platform modules involving vehicle speed (e.g., ANPR, Portable Enforcement, Traffic Incident Monitoring, and On-Board Monitoring) will uniformly display speed values in the selected unit. This feature is visible only when the relevant modules are licensed and activated. Interface updates across all clients will sync in real time after unit changes.

*Site Name

First Day of Week

Refresh the entire page to take effect after the first day of the week during which you change the settings.

Speed Unit ☒ km/h ☐ mph

Temperature Unit ☒ Celsius (°C) ☐ Fahrenheit (°F) ☐ Kelvin (K)

Display Mask Related Functions ☒

Calendar Type ☒ Gregorian Calendar ☐ Thai Calendar ☐ Nepali Calendar

Figure 6-5 User Preference

2. Transfer Protocol

(Web Client) Users can add up to 10 legitimate server addresses for HTTP/HTTPS protocols in system settings, improving flexibility.

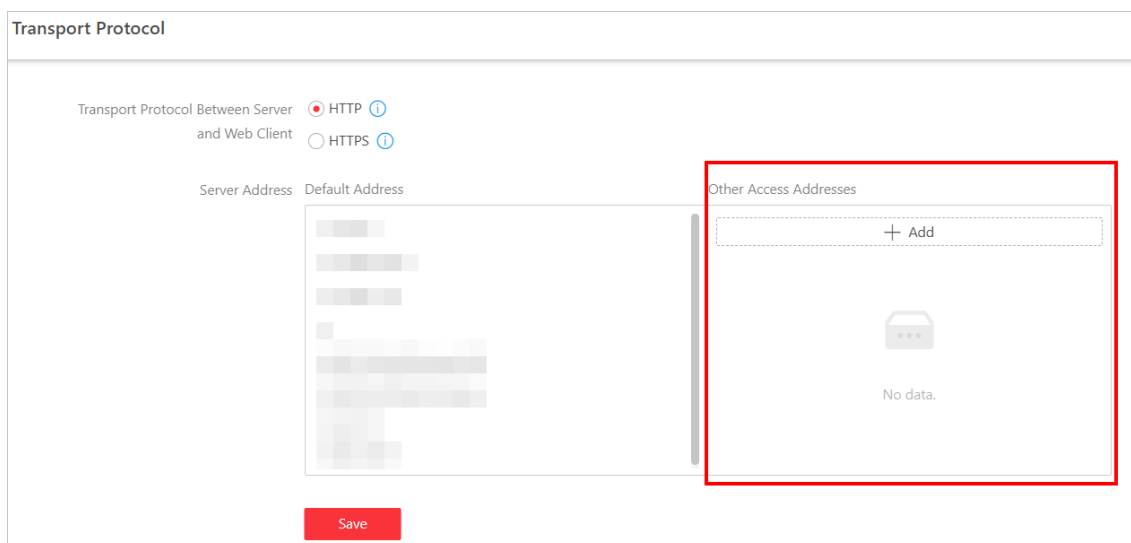


Figure 6-6 Transfer Protocol

3. Storage

(Web Client) Adds the support of disabling the "Compatible with RSA Key Exchange" for SYS server storage configurations on the SYS Server. It is disabled on newly installed systems by default. By phasing out the RSA key exchange, this change significantly enhances data security and mitigates potential vulnerabilities for local storage, while still providing users the flexibility to manually adjust encryption settings if specific compatibility needs arise.

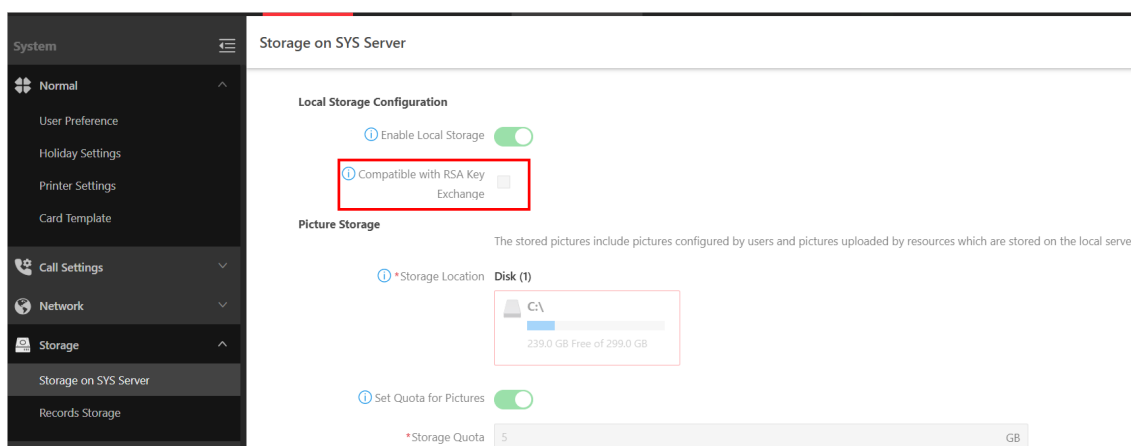


Figure 6-7 Storage on SYS Server

4. Email

(Web Client) On the **Email → Expiry Notification Email Template** page, adds the **Employee Self-Service Login Password Expiry** tab for configuring notification email template.

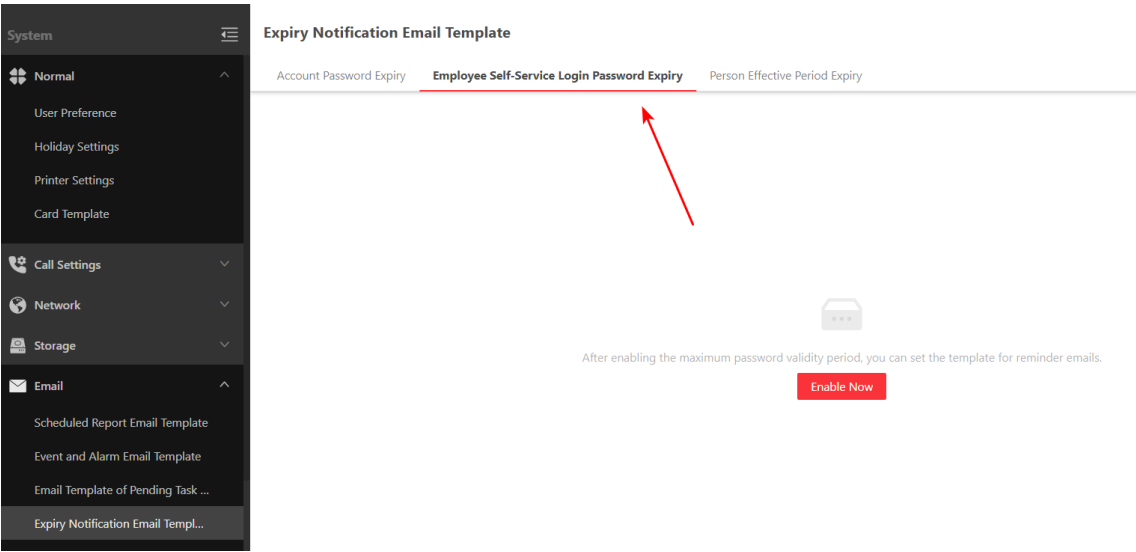


Figure 6-8 Employee Self-Service Login Password Expiry Tab

Expiry Notification Email Template

Account Password Expiry **Employee Self-Service Login Password Expiry** Person Effective Period Expiry

*Subject: Password Expiry Reminder

*Email Content: Dear \${Person Name},
The password for your account \${Employee No.} 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}

Click Button Below to Add Related Information

Person Name Employee No.
Company Name Administrator Email
Remaining Days

Save Restore Default

Figure 6-9 Employee Self-Service Login Password Expiry2png

Login

(Web Client) On the Login page, adds the web link for the **Scan QR Code for Help**.

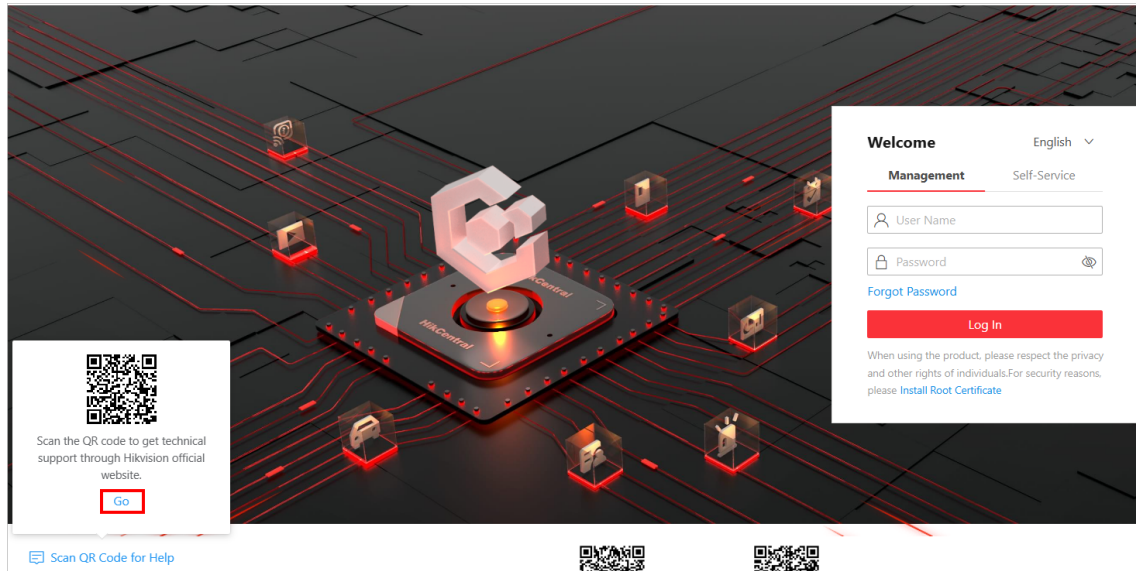


Figure 6-10 Login Page

System Language

1. New languages supported: Uzbek, Kazakh.
2. (Web Client) The Maintenance and Management menu supports switching system language.

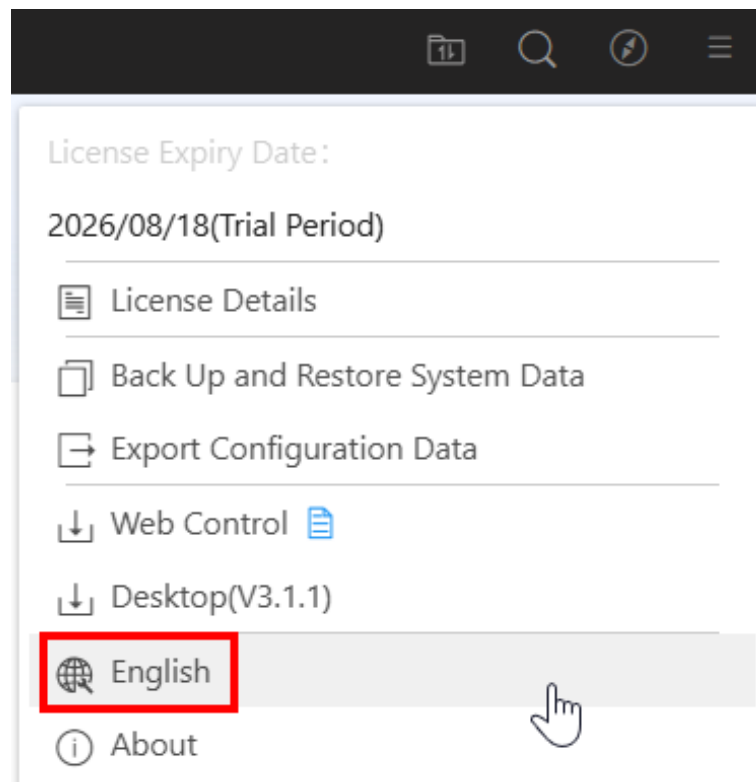


Figure 6-11 Switch Language

License

1. (Web Client) A simple reactivation step is required after upgrade to maintain stable large-model interaction.
 - a. License Details

License Details

License Details	License List	Latest Expiry Date : 2026/07/23(Trial Period)
	ONVIF Camera	0/200000
	Third-Party Camera	0/10000
	Forest Fire Detection Camera	0/3000
Intelligent Recognition	AcuSeek	Enabled
	AcuSeek Advanced Cameras	0/10000
	AcuSeek Cameras	0/5000
ANPR	ANPR Cameras	2/9000
Smart Wall	Smart Wall (Decoding Device)	Enabled
	Smart Wall (Graphic Card)	Enabled
	Decoding Outputs	0/1024

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.

You can disable the application if you do not want to use it. If disabled, the application will be hidden in platform and the related content in other applications will be hidden. [Go to Set](#)

Figure 6-12 License Details

b. Configure AcuSeek

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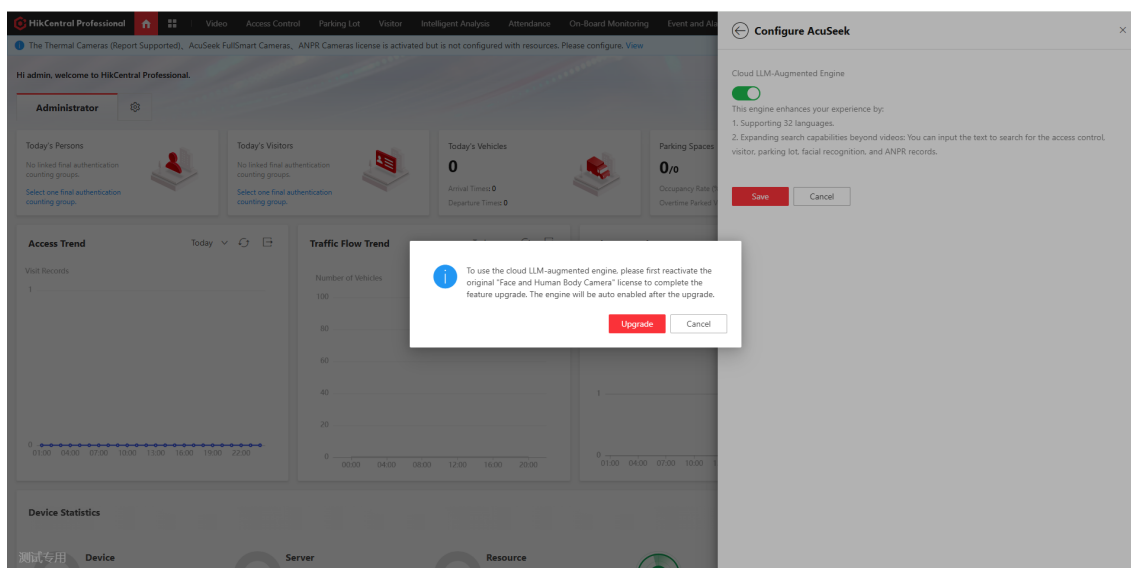


Figure 6-13 Configure AcuSeek

2. (Web Client) Updates the license name of the Software Management.

License Details

License Details	License List	Latest Expiry Date : 2026/08/18(Trial Period)
	101 Resources	0/10000
Remote Site Management		
	Remote Site Management	Enabled
	Remote Sites	2/1024
Resource Management Cluster		
	Sub Servers	0/5
Optical Fiber Sensing		
	Total Optical Fiber Length (m)	40020/100000
Software Management		
	Elite Service	Expiry Date: 2027/12/25
	Software Care Program	Expiry Date: 2027/12/25
	Software Upgrade	Enabled
	Remaining Days	545day(s)

Figure 6-14 License Details

Application Market

Enhances the display of addon status and version information, helping users clearly understand the version of installed addons and view historical versions along with their compatible HCP versions. Key improvements include:

HikCentral Professional V3.1.1 Release Notes

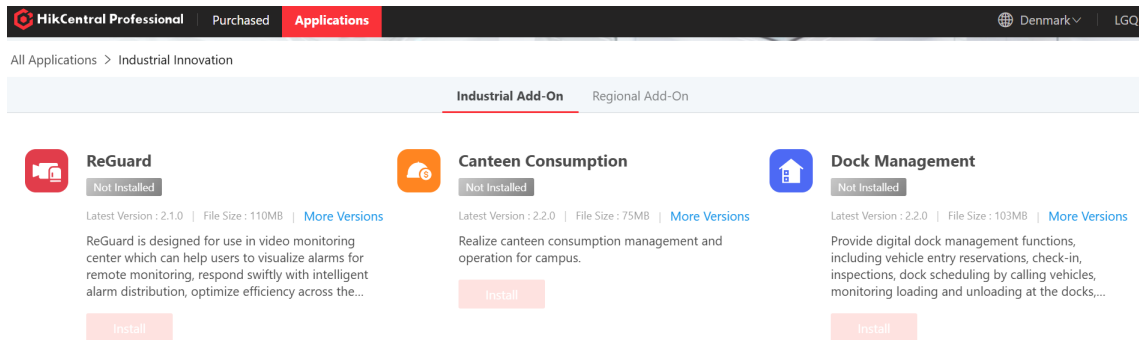


Figure 6-15 Applications

- The installation status of addons is no longer displayed in the upper right corner of the name but moved below for a cleaner layout.
 - Smart Version Indicators:
 - If an addon is not installed, the latest available version (Latest) is displayed.
 - If an addon is already installed, the currently installed version (Installed) is shown.
2. A new "More Versions" entry allows users to view all historical versions of an addon, including release time, package size, and compatible HCP versions, sorted in descending order by version number.
3. The system automatically verifies compatibility between the addon version and the current HCP version. Upgrades are blocked if incompatibility is detected, preventing environment conflicts.

Chapter 7 Server Management

In the Operation and Management Center, adds the notification of add-on incompatibility for the main server.

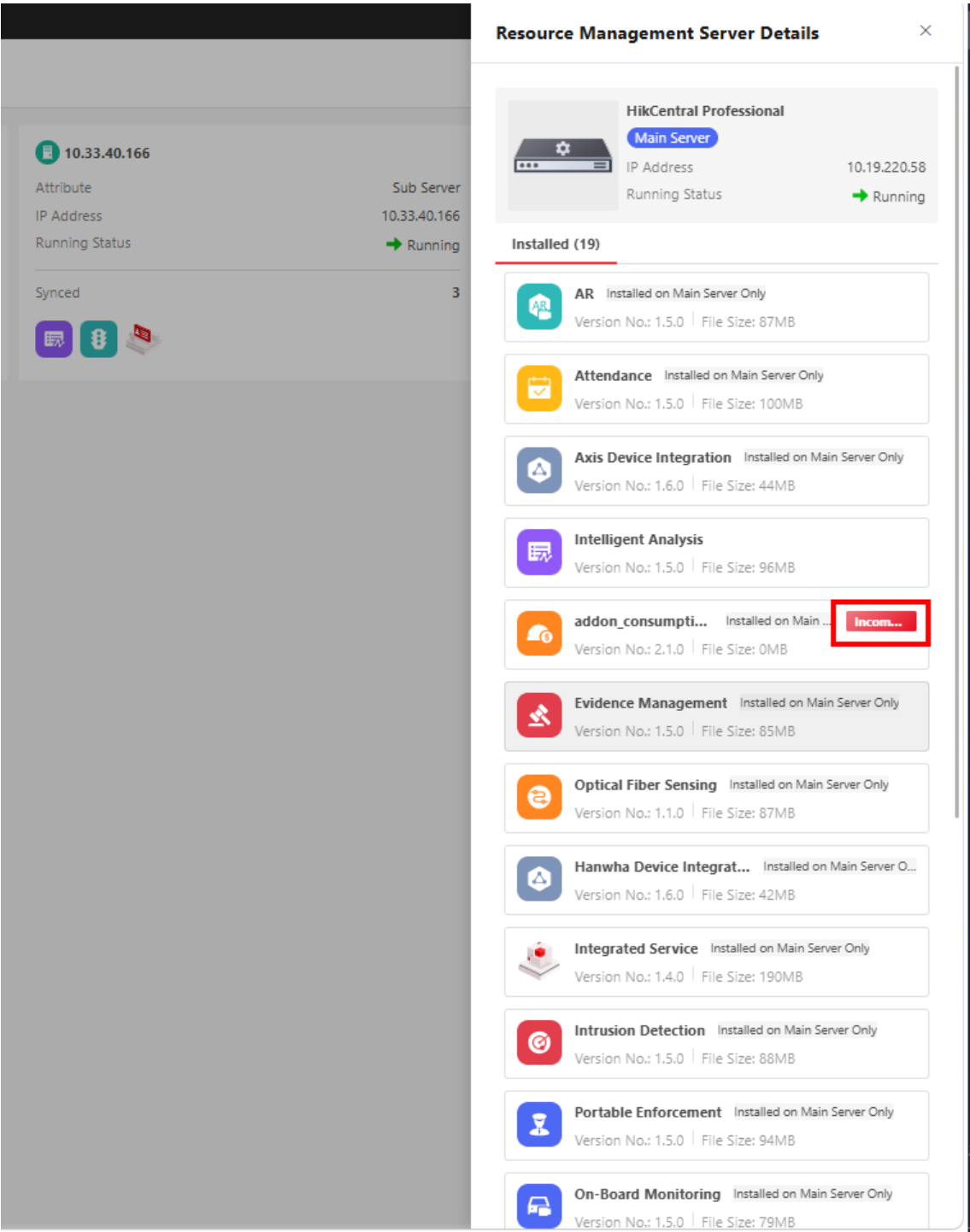


Figure 7-1 Resource Management Server Details

Chapter 8 Video

New Features

1. (Web Client / Control Client / Mobile Client) On the PTZ control pane of live view, adds a "Self-Learning" feature. Compatible cameras can memorize the optimal focus parameters for each preset position, enabling fast and accurate auto-focus during patrols. This resolves occasional image blur after zooming or prolonged monitoring, ensuring consistently clear images.

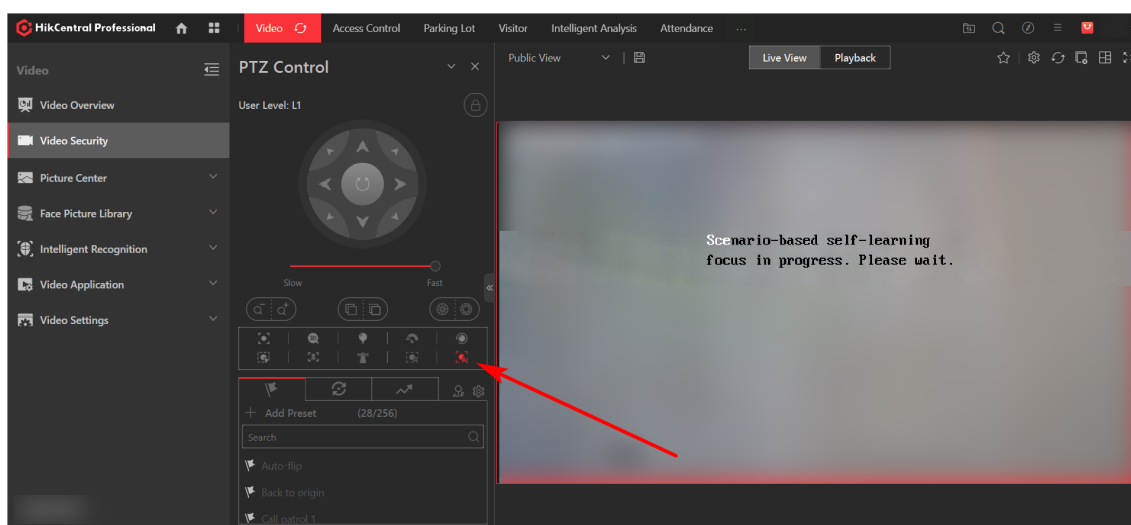


Figure 8-1 Self-Learning

Optimizations

1. (Control Client) On the Playback page, to solve the problem of not being able to quickly focus on critical events during playback, this version supports filtering to play only VCA (Video Content Analysis) / smart search recordings and optimizes the visual cues on the timeline. The steps are as follows:
 - a. On the toolbar of the playback page, click .
 - b. Click  and select **VCA Recording** or **Smart Search Recording** to play only VCA or smart search recordings.

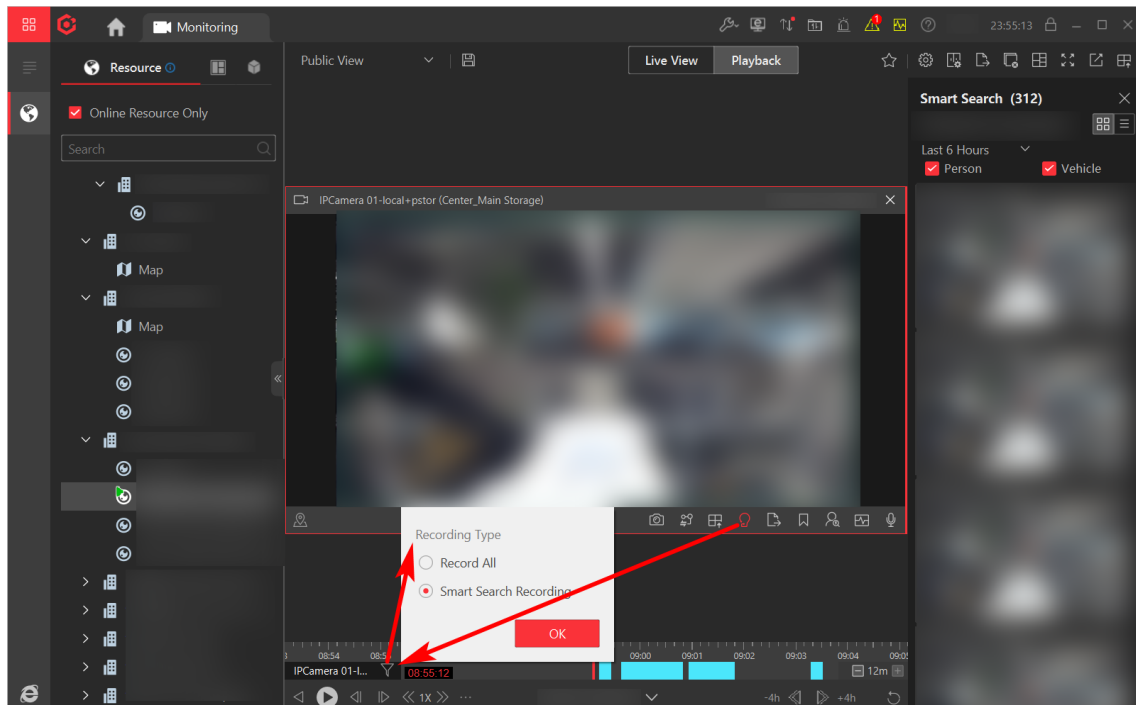


Figure 8-2 Filter Videos

- c. The color of regular recordings on the timeline will dim, while VCA or smart search recordings (e.g., segments with detected motion or line crossing) will be highlighted in a distinct color, allowing you to quickly locate and review them.
2. (Web Client) On the camera settings page, this version fully optimizes the PTRZ configuration. You can now perform precise Pan/Tilt (up, down, left, right) and Rotate adjustments directly on the configuration page using a visual joystick, and adjust the rotation speed, making deployment a one-step process and greatly improving efficiency. Also, to prevent accidental operations during daily monitoring, the PTZ controls for PTRZ cameras are only available on this configuration page.

HikCentral Professional V3.1.1 Release Notes

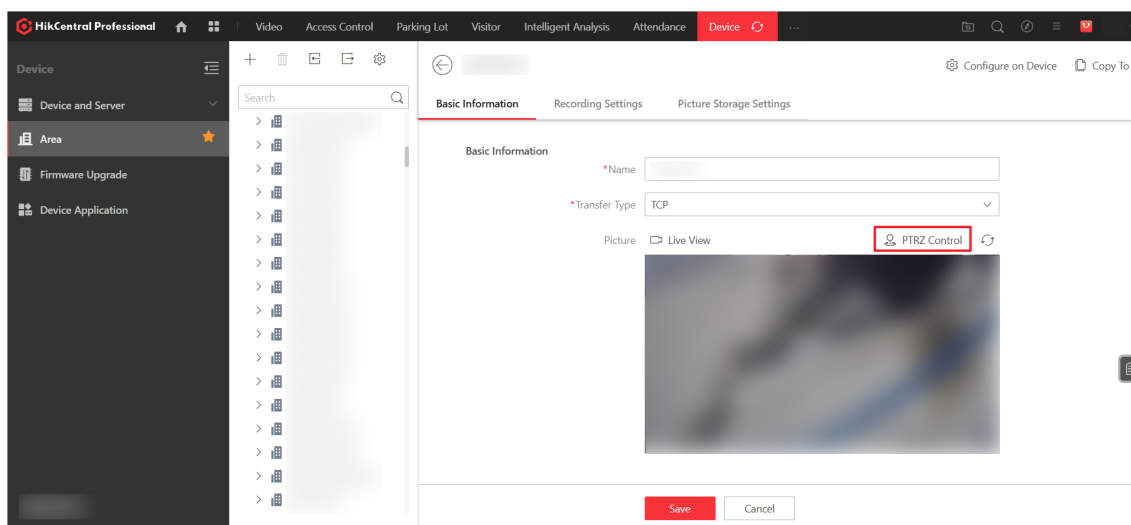


Figure 8-3 Click PTRZ Control

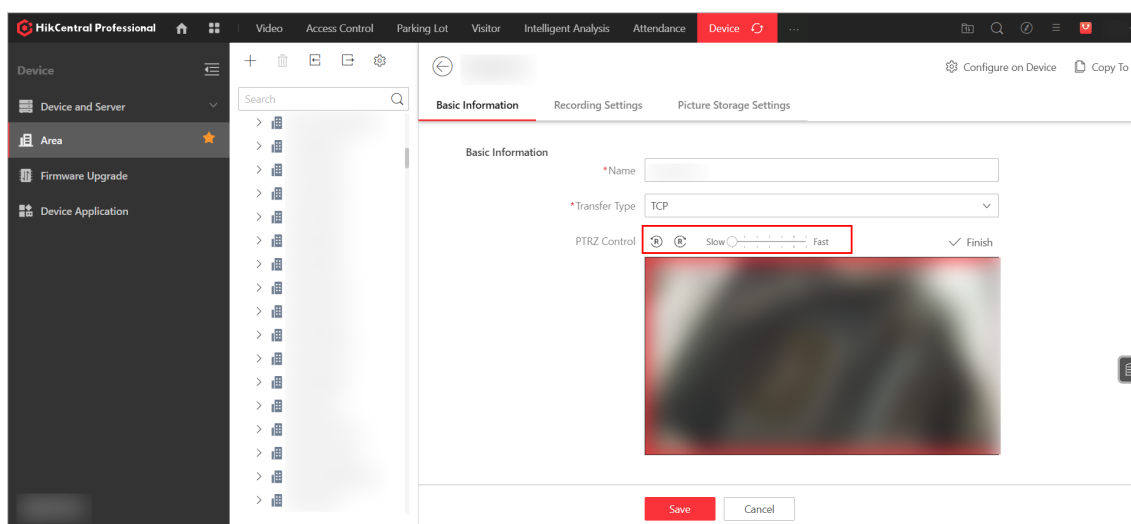


Figure 8-4 Adjust PTRZ

3. (Web Client) To solve the problem of clients and devices on the same LAN still routing video streams through the WAN, consuming external bandwidth, this version supports configuring the LAN IP address when adding an SDK-protocol encoding device. After enabling this feature, clients on the same LAN as the device will prioritize a direct LAN connection for streaming, saving WAN bandwidth and improving access speed.

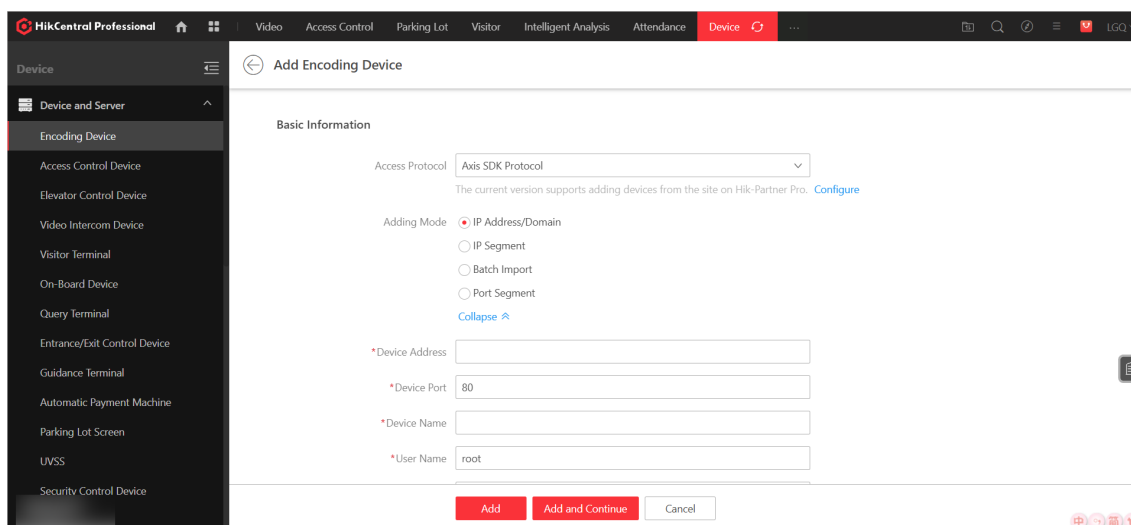


Figure 8-5 Add Devices via SDK

4. In VSPlayer, you can now switch the interface to one of 13 newly supported languages, including Korean, Vietnamese, Swedish, Finnish, Ukrainian, Slovak, Greek, Lithuanian, Norwegian, Armenian, and Serbian. The player will remember your preference, making video playback more accessible for our global users.
5. Supports setting up to 8 separate areas on the device web page, allowing the platform to receive Waiting Time Detection alarms, People Queuing-Up Detection alarms, and People Density alarms and statistics of counted people in each area individually.

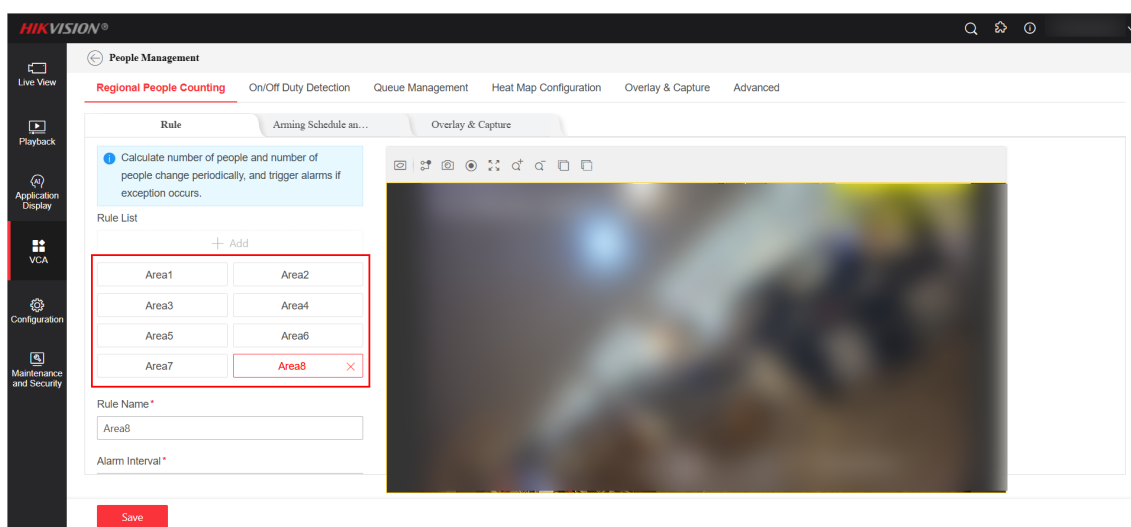


Figure 8-6 Set Areas for People Counting

6. Optimizes user experience.
 - a. (Control Client / Web Client) Optimized timeline thumbnail loading. Replaced black screen with smart placeholder images to reduce visual flicker.

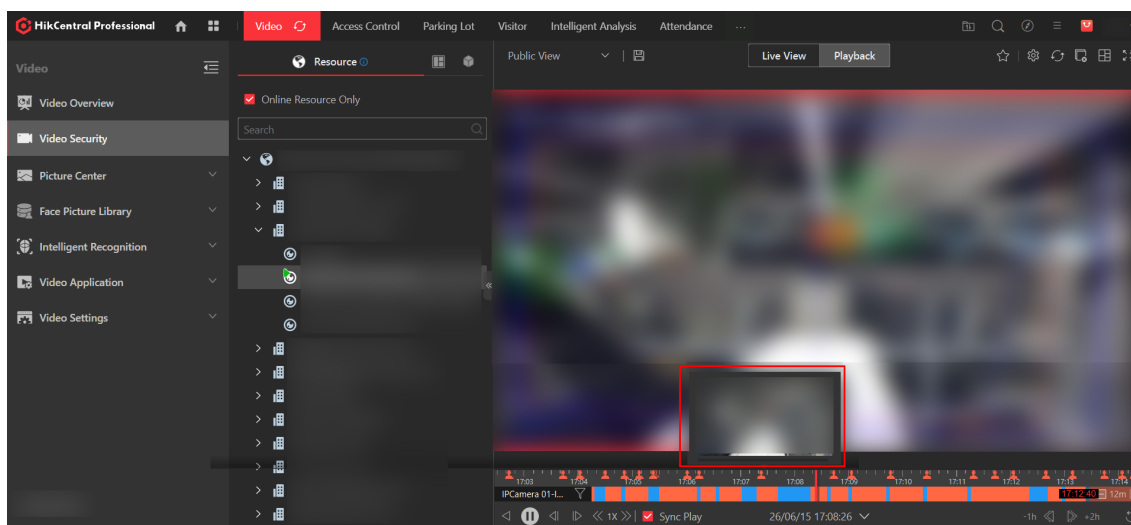


Figure 8-7 Thumbnail on Timeline

- b. (Control Client / Web Client) The on-screen messages in video windows are now fully adaptive. Whether you stretch the window into a horizontal or vertical strip, or shrink it to a very small size, you will get clear and complete prompt information, ensuring you can accurately understand the video status in any layout.

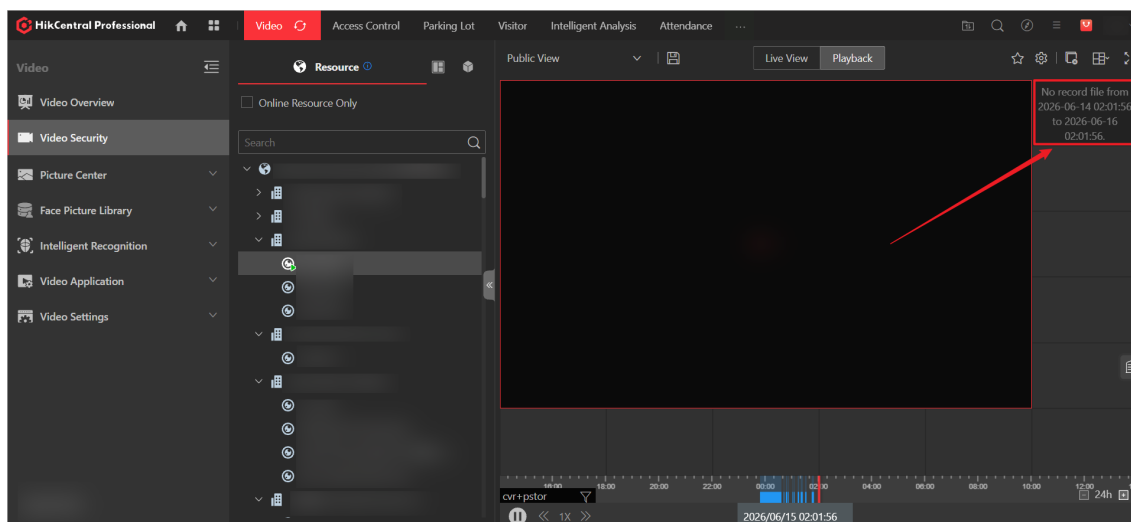


Figure 8-8 Error Code in a Small Window

- c. (Control Client / Web Client) The auto-switch icon has been updated across all menus to make it more distinct and easily distinguishable from other icons like refresh, helping you navigate the interface more intuitively.

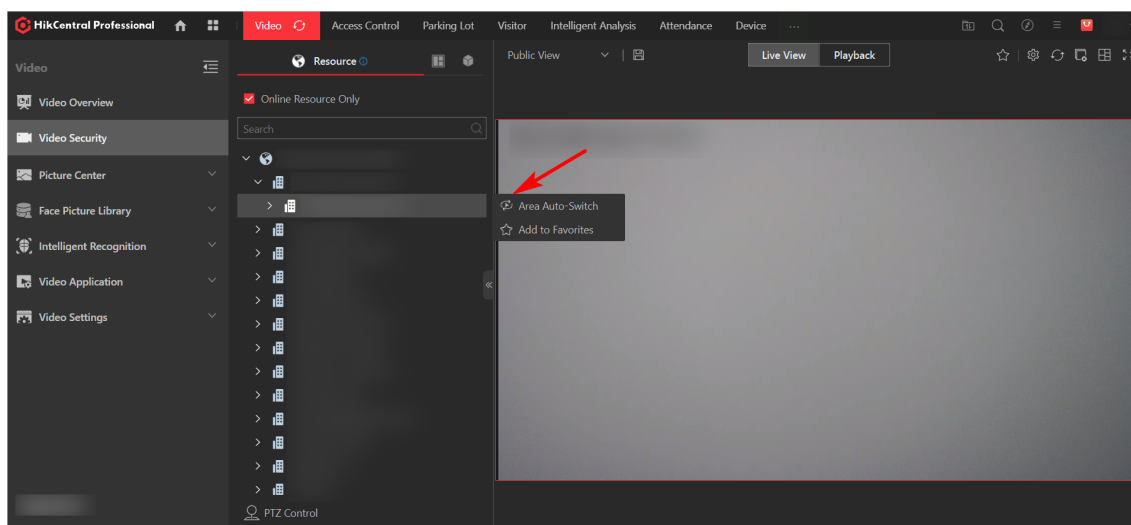


Figure 8-9 Auto-Switch

- d. (Control Client / Web Client) Adds tips for using the Halving Playback Skip, where the jump span will be halved step by step when switching forward or backward (4h → 2h → 1h...).

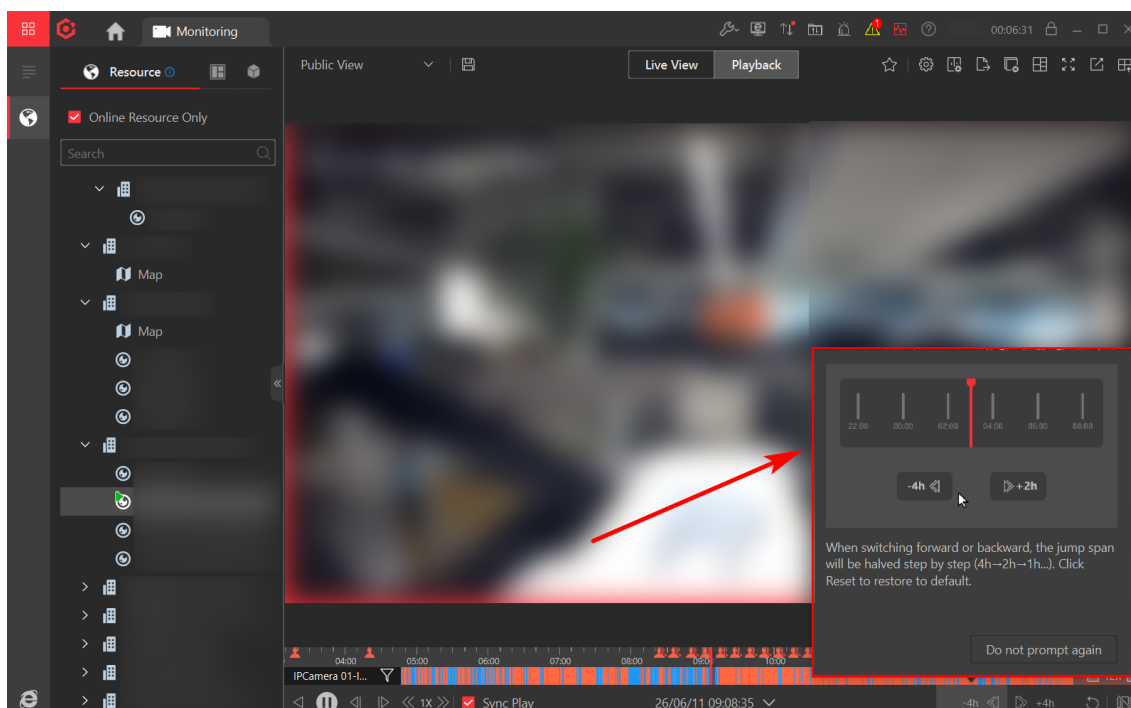


Figure 8-10 Tips for Halving Playback Skip

Chapter 9 AcuSeek

New Features

(Desktop, Web, and Mobile Clients) AcuSeek supports animal detection/retrieval, including animal attribute tags and animal-type perimeter alarms.

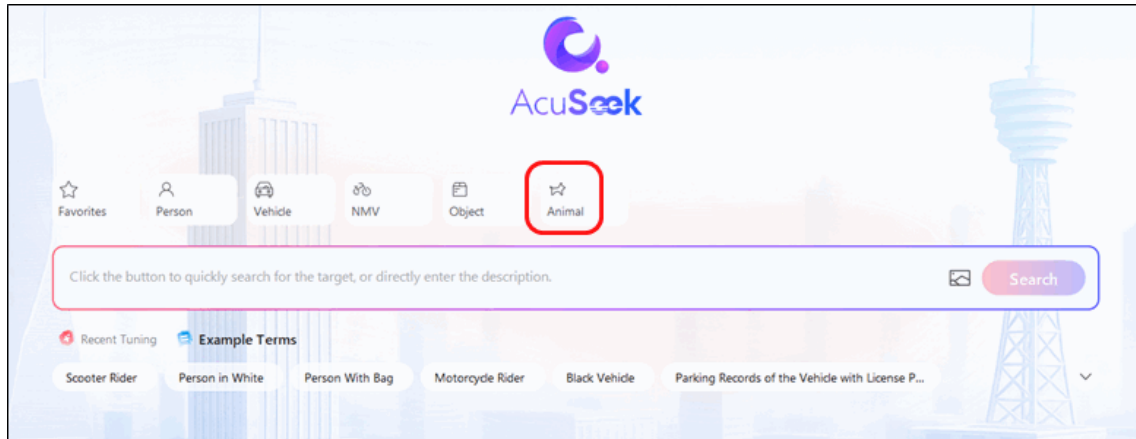


Figure 9-1 AcuSeek for Animals

Optimizations

1. (Desktop Client) Face-attribute "mask" search can now be performed independently, without a temperature-measurement license.
2. (Desktop and Web Clients) Search-by-image (AcuSeek) results can be viewed as a trajectory on the map.
3. (Desktop Client) Users can manually draw a box around a target to build the model and trigger search.
4. (Web and Mobile Clients) The platform can add a multimodal behavior-analysis server and use configured secondary-analysis tasks to filter/re-analyze alarms and reduce false alarms.
5. (Desktop and Mobile Clients) After adding a face to a library, its device-delivery result (including failures) is shown.
6. (Desktop and Mobile Clients) Text-search and image-search results display a target box (with hover detail).

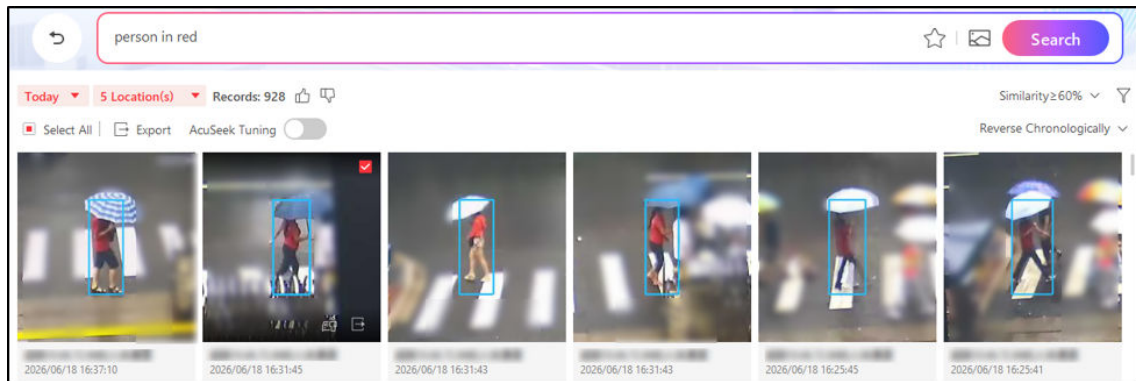


Figure 9-2 Target Box

7. (Desktop Client) The AcuSeek visitor search result page layout is optimized.

Chapter 10 Alarm Detection

Optimizations

(Web Client) Alarm outputs can be switched on/off directly from the Map.

Chapter 11 Visual Map

Optimizations

1. Optimizes the resource display on the map.
 - a. (Control Client / Web Client) Unifies the resource operation display for all resources. Now you can hover over a resource to view its name and other information. You can click a resource to open a side pane to view the recent alarms of the resource.
 - i. Key resource details and operation menus are displayed in a top pop-up when hovering, avoiding obstruction of map content.

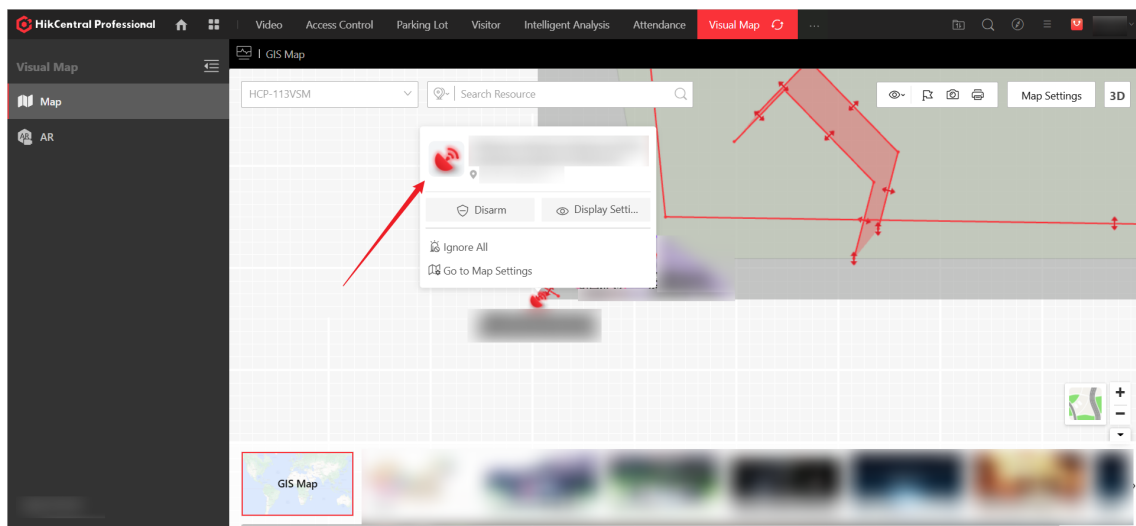


Figure 11-1 Hover to View Details

- ii. You can click a resource to open a side pane to view the latest 20 records (e.g., alarms, vehicle passes, face captures) of over 20 types of resources including cameras, vehicles, access control devices, broadcast devices, radars, etc.

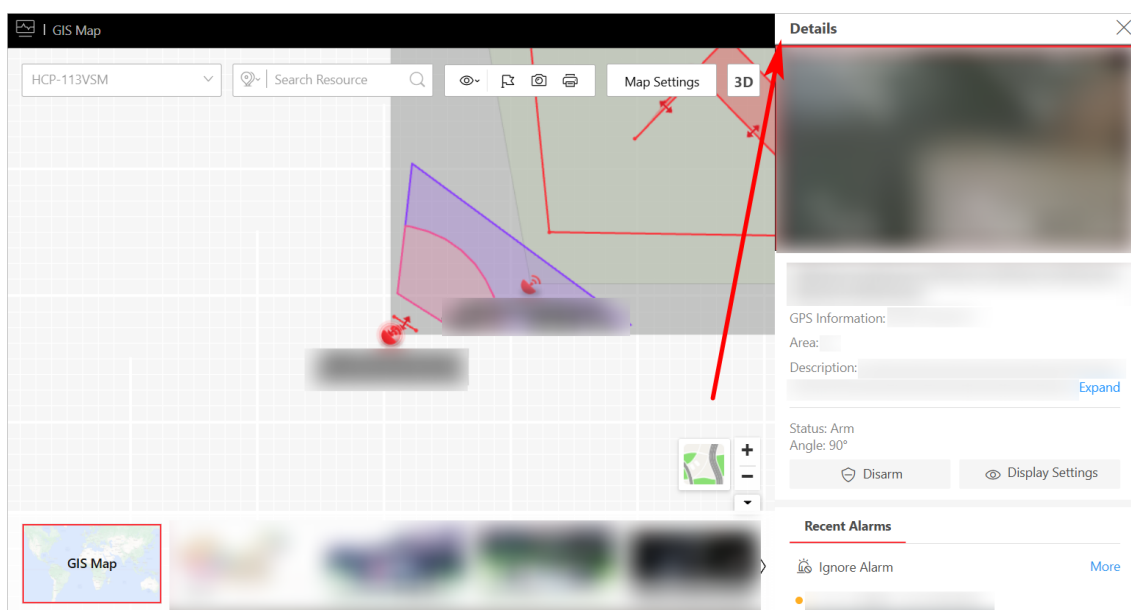


Figure 11-2 Click Resource to View Details

- b. (Web Client) Supports switching between map settings and map monitoring for parking lots, entrances & exits, hot regions, resource groups, etc.
- 2. (Control Client / Web Client) Optimizes the display of clustered resources and alarm status prompts on the map, helping you monitor device status more intuitively. Key improvements include:
 - **Enhanced Alarm Association:** When an alarm occurs in clustered resources, the cluster icon is highlighted to prevent misjudgment.

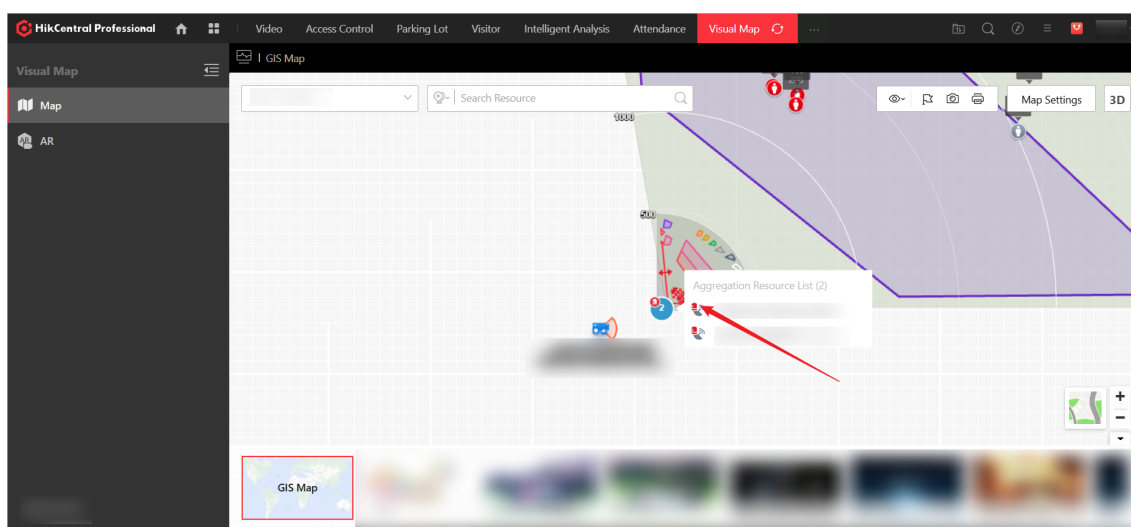


Figure 11-3 Alarm Icon

- **Added Hover Feedback:** Hovering over clustered resources shows resource list instantly for better interaction.

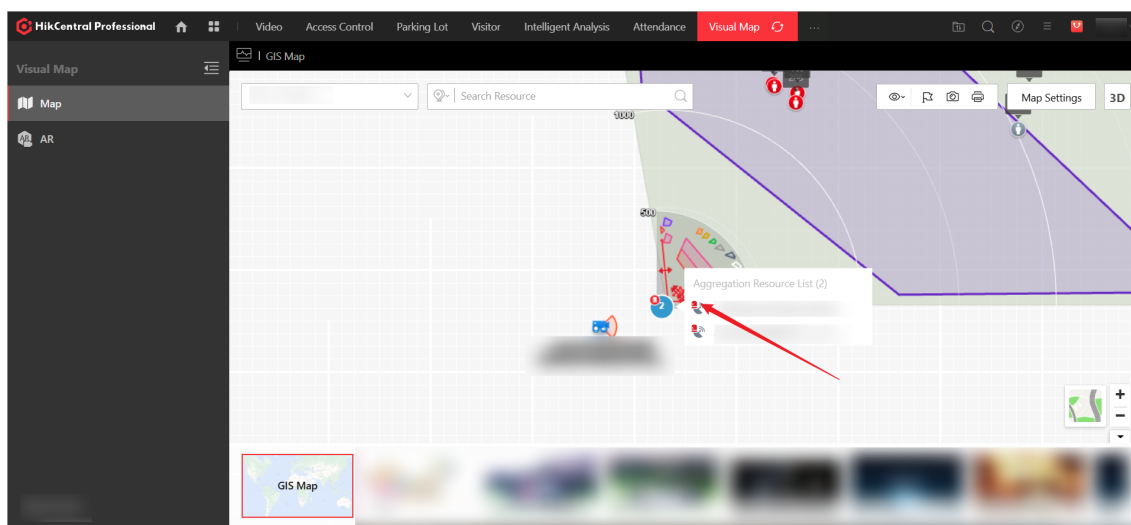


Figure 11-4 Hover to View Resource List

- **Simplified Resource Selection:** When the map is zoomed to the maximum level, resources of the same type are automatically unclustered, allowing single-click selection.
 - **Improved Overlap Handling:** For overlapping resources of different types, layered viewing or operations are supported to ensure all resources are accessible.
3. (Control Client / Web Client) On the Map Monitoring page, you can now view a list of all associated maps when clicking a Hot Region, instead of being taken directly to the first one. This allows you to see which specific map has an active alarm before navigating.

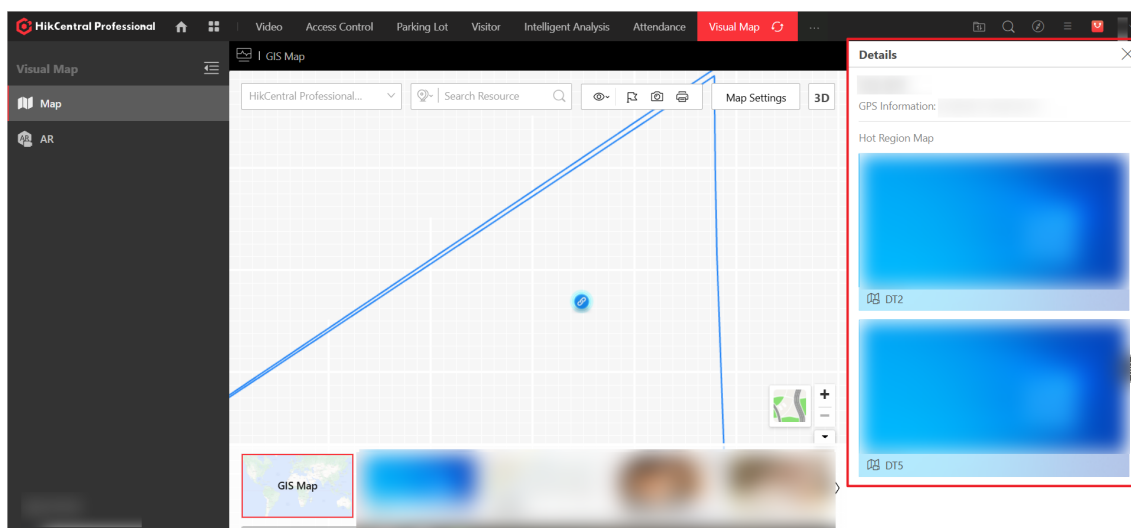


Figure 11-5 Click to View Hot Region Details

Chapter 12 Event and Alarm

Optimizations

1. (Web Client) Alarm linkage-action exceptions are merged into the alarm detail (hover), with flat icons and a corner-mark indicator.

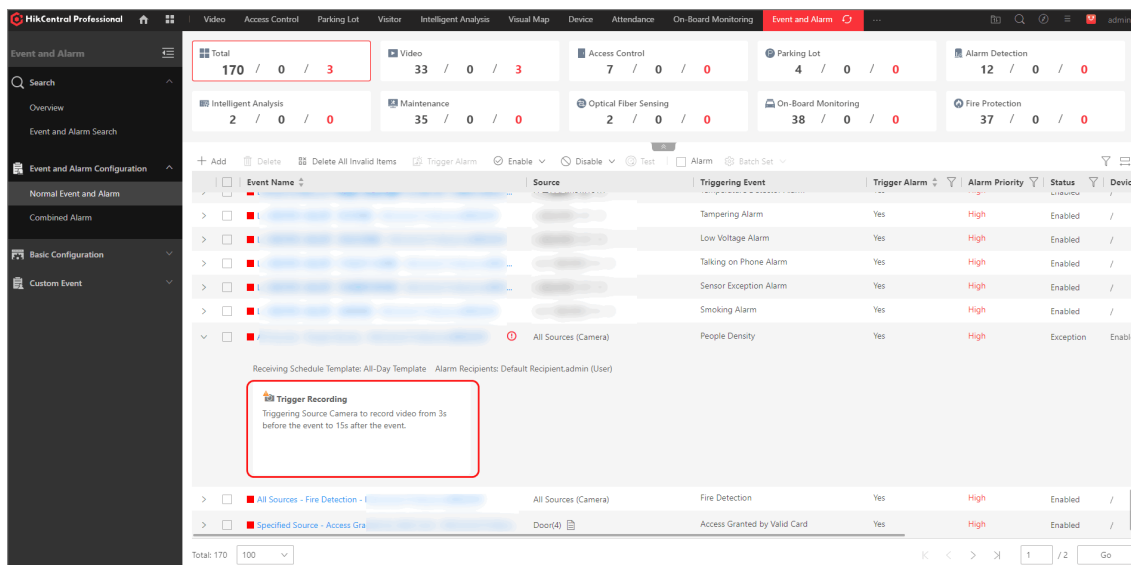


Figure 12-1 Linkage Exception

2. (Web Clients) Adds new events:

Camera

Fire Detection, Smoke Detection

Speed LED Display

Speed LED Display Battery Low

Portable Device

Abnormal Shutdown, Forced Shutdown, Battery Removed, Fall Detected, Device Overheating

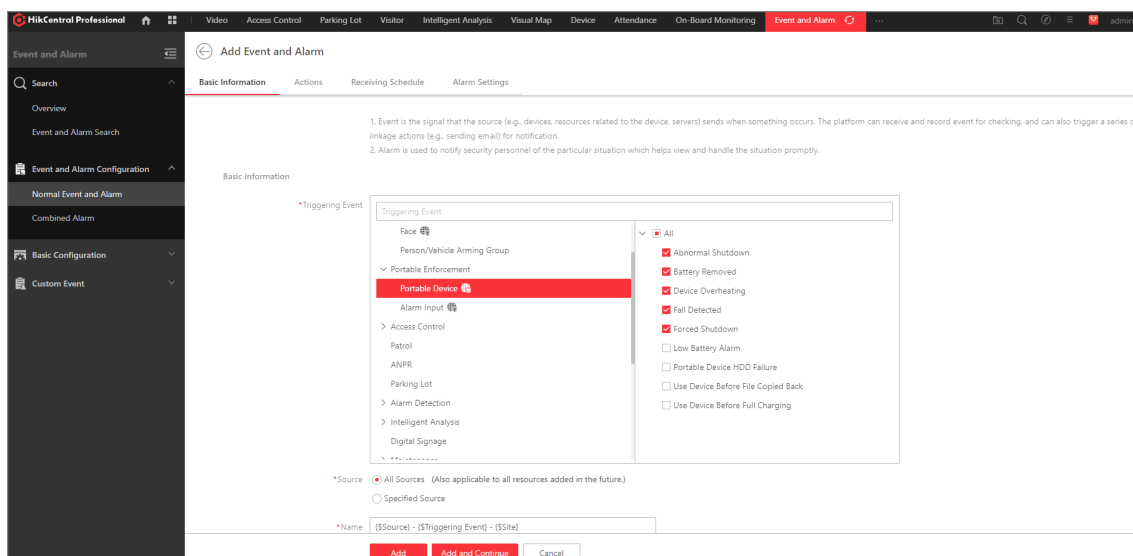


Figure 12-2 New Events

3. (Desktop and Web Clients) The real-time alarm popup adds a "manually view new alarms" strategy: new alarms queue (not auto-covered), shown as a top prompt with a live count.
4. (Web Client) The Web Client alarm-popup severity indicator is changed to match the Desktop Client corner-mark color coding.
5. (Desktop and Web Clients) The bottom action buttons of the alarm popup are collapsed/adapted to avoid truncation or over-wide popups.
6. (Desktop Client) The alarm message card now shows alarm name, alarm source, time, and site name for remote alarms.
7. (Web Client) The event/status-resource search bar searches across both columns (left-first, then reverse-filter from right).
8. (Web Client) The Web Client can fetch alarm/event images from a cloud-storage (pStor) cluster node via Nginx redirect.
9. (Web Client) The inspection period for a "not-triggered" item in combined alarms is now configurable instead of fixed.

Chapter 13 Access Control

New Features

(Web Client) Users can now create, edit, and delete holiday groups, with each group supporting up to 16 holidays.

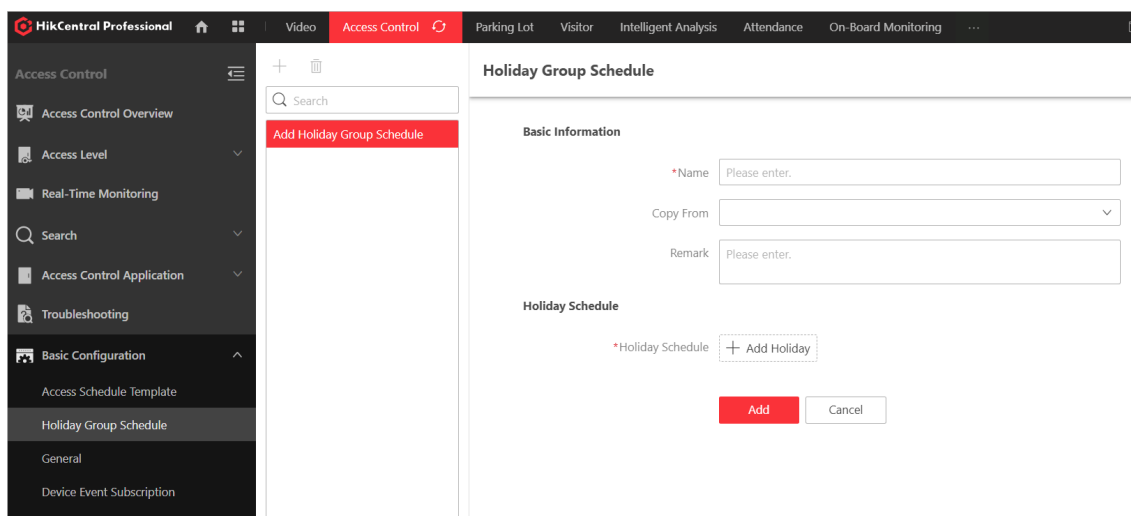


Figure 13-1 Add Holiday Group Schedule

(Web Client) Access Schedule Template Binding: When configuring access schedule templates, users can directly select existing holiday groups (instead of individual holidays), with each template supporting up to 4 groups to reduce repetitive operations.

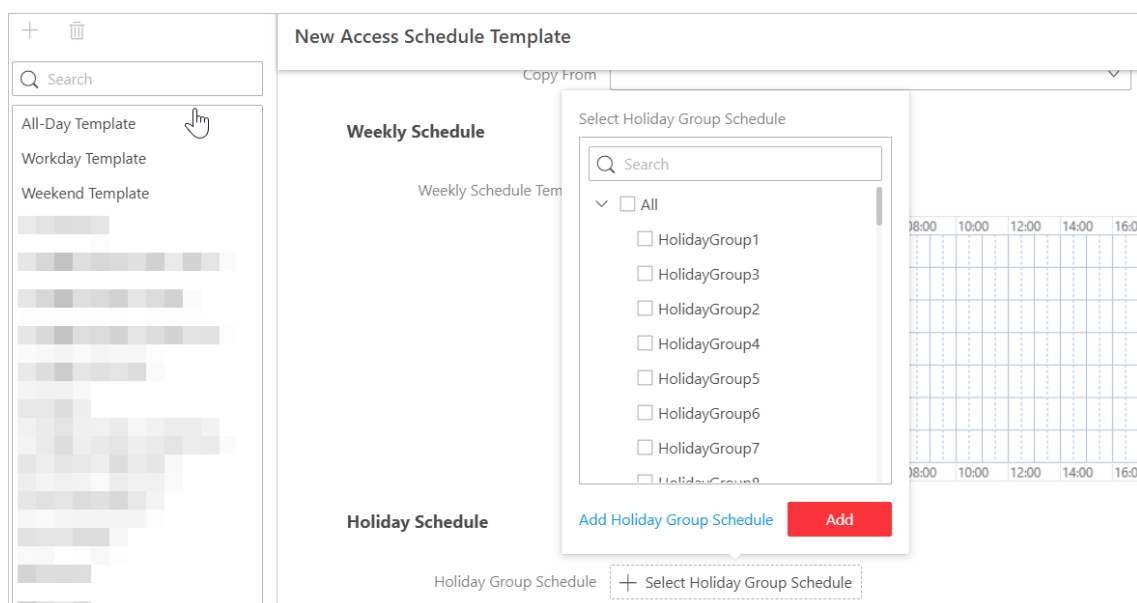


Figure 13-2 New Access Schedule Template

Optimizations

1. (Web Client) Optimizes the access level application feature by merging the original "Apply Access Level" and "Apply Full" buttons into a unified "Apply Access Level" entry. The Apply Full option is now hidden as a configurable item within the form, disabled by default to prevent accidental data clearance. If users enable initialization, a secondary confirmation prompt will appear for added safety. The feature also supports applying to specified access points, with an upgraded resource selection interface using a more intuitive tree structure for quick location of doors or floors. The applying progress is displayed in real-time, with clear success or failure notifications.

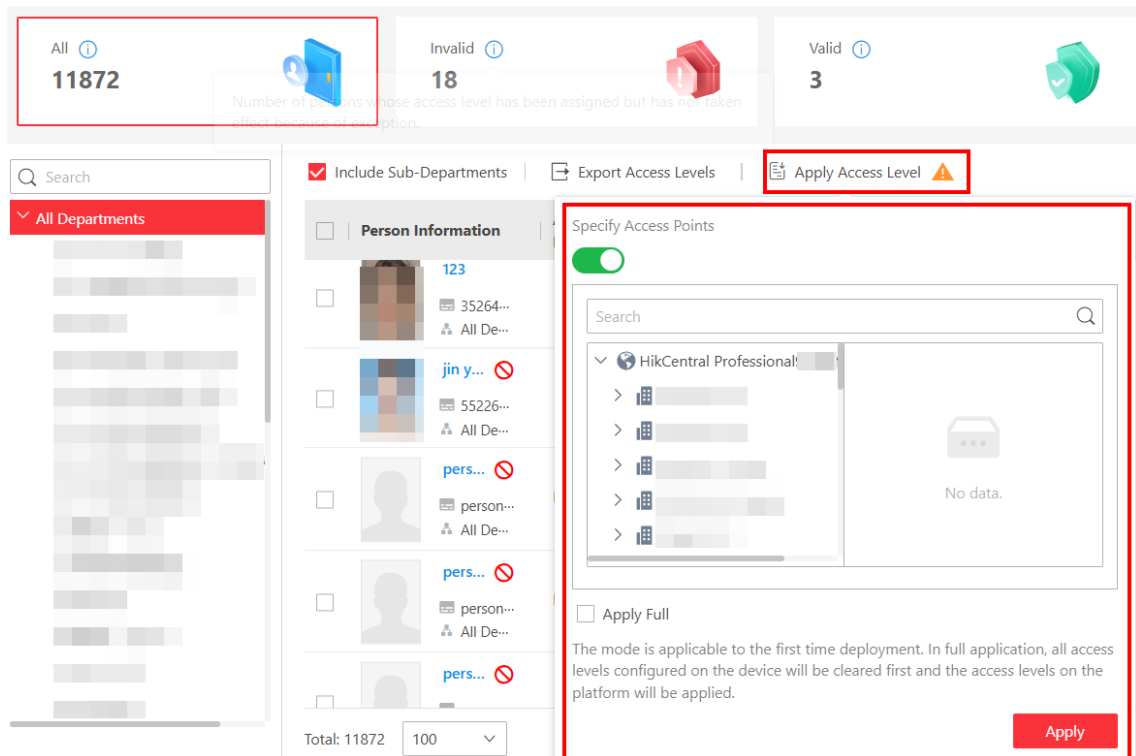


Figure 13-3 Apply Access Level

2. (Web Client) Optimizes the display logic of the multi-factor authentication page. Previously, if users had added multi-factor authentication group or user to receive remote door open request but later deleted all multi-factor authentication rules, the page would not show entry for these two features. Now, as long as any historical configuration exists, the functional entries will remain visible, ensuring users can manage settings promptly.

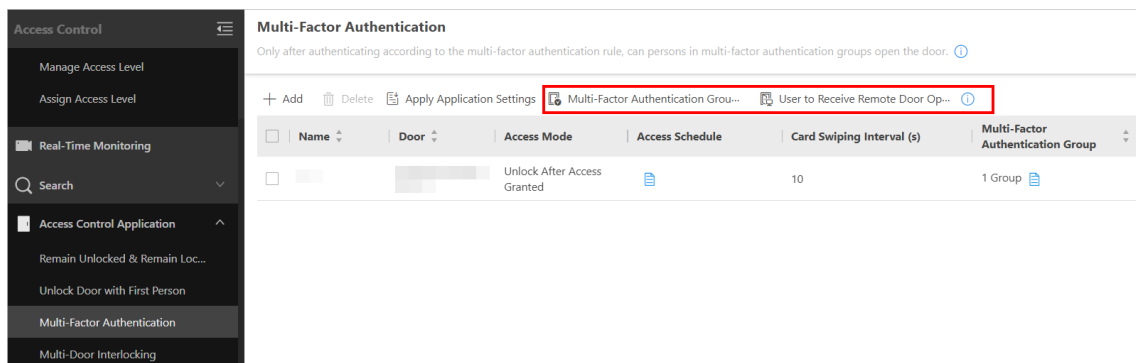


Figure 13-4 Multi-Factor Authentication

3. (Web Client) This update optimizes the configuration experience for anti-passback in areas and routes, improving rule clarity and operational convenience.

- a. When configuring anti-passback for areas or routes, the access schedule template is now required, with "All-day Template" selected by default to prevent misleading active status for ineffective rules.

← Add Area Anti-Passback Rule

Back Next

Basic Information Rule Configuration Advanced Parameter

✓	Name	Area	Entry and Exit
✓			Cardreader 01: Entering, Cardreader 02: Ex...
✓			Cardreader 03: Entering, Cardreader 04: Ex...
✓			Cardreader 07: Entering, Cardreader 08: Ex...
✓			Cardreader 05: Entering, Cardreader 06: Ex...
✓			Cardreader 01: Entering, Cardreader 02: Ex...

Select time when people should follow the entry and exit order in a week.

*Access Schedule All-Day Template View

Figure 13-5 Rule Configuration

- b. When enabling the first card feature in route anti-passback, hover tips explain its role: entry must start by swiping the first card reader, and swiping it again clears records after violations.

Access Control

← Edit Route Anti-Passback Rule

Back Save

Basic Information Rule Configuration Advanced Parameter

When multiple anti-passback rules are configured for a device, the configured time to forgive anti-passback violation regularly and the non anti-passback period from the last rule will apply to all rules on the device.

First Card Reader ☐

1. Cards should always be swiped at the first reader to initiate access.
2. Swiping card at the first card reader will forgive anti-passback violation, regardless of the time interval.

Forgive at 00:00

Figure 13-6 Advanced Parameter

4. (Web Client) When configuring reader authentication methods, the drop-down now includes credential type filters supporting multiple selections. The system automatically filters options containing the selected credentials, helping you quickly find target entries.

HikCentral Professional V3.1.1 Release Notes

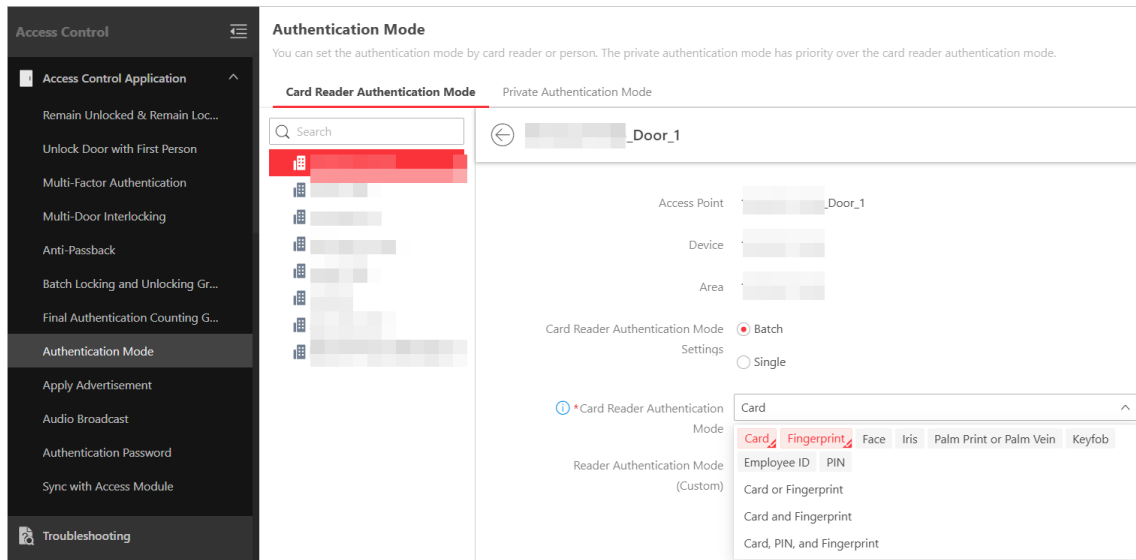


Figure 13-7 Card Reader Authentication Mode

5. (Web Client & Control Client) For the **Unlock by Householder** event, a **Door Opening Device** field has been added to specify the indoor station that unlocked the door. Example: 8005Door1 was unlocked by indoor station KH6110 (location: 5#5#1#1#1).

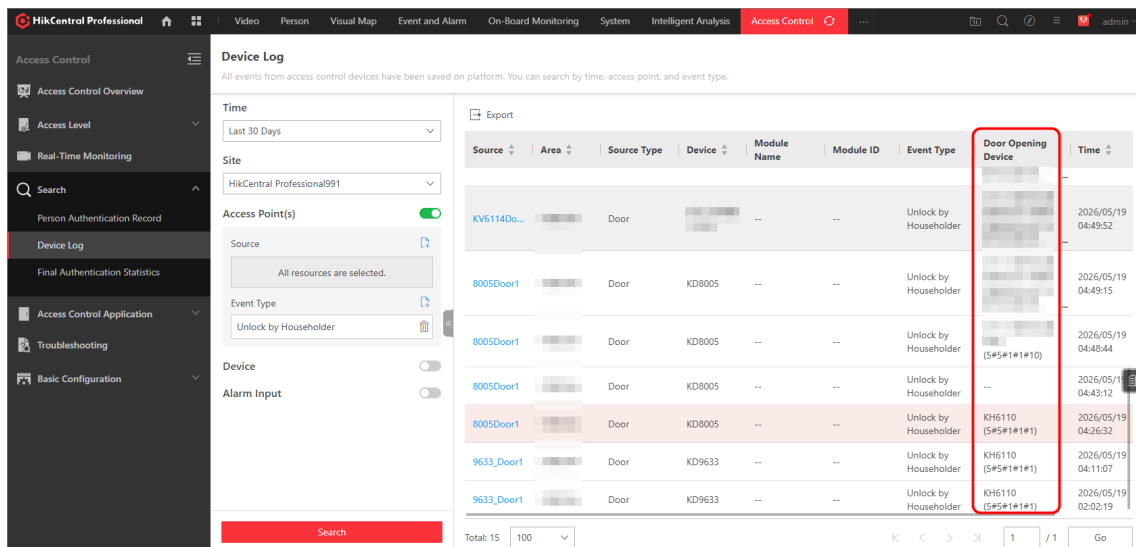


Figure 13-8 Door Opening Device

Chapter 14 Visitor Management

Optimizations

- 1. (Web Client) The interaction for custom reservation and check-in fields is optimized to avoid confusion.

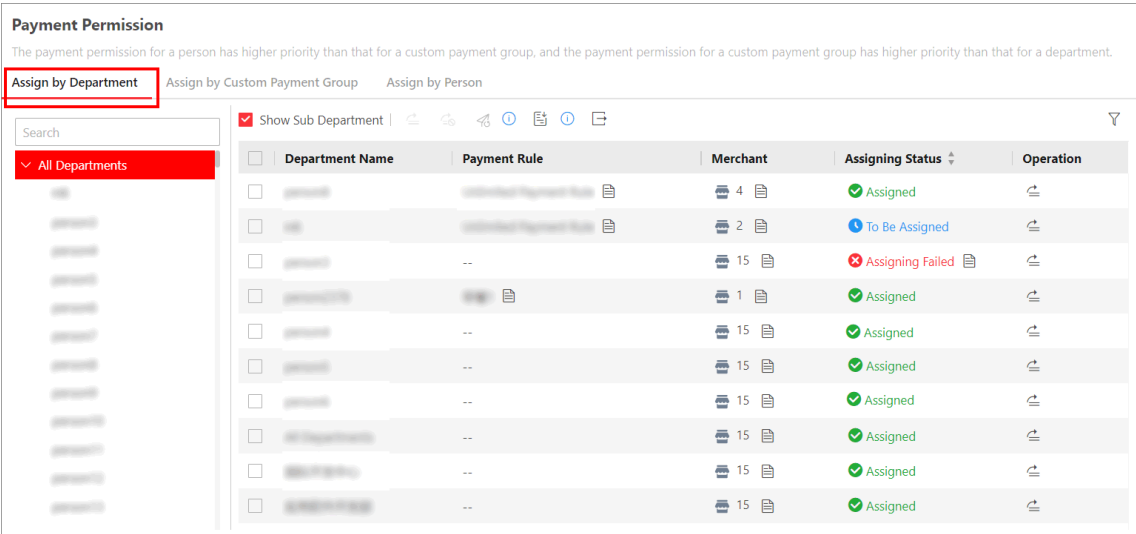


Figure 14-1 Custom Fields Interaction

- 2. (Web Client) On check-out, an email can be sent automatically to the host based on a configurable check-out email template.

HikCentral Professional V3.1.1 Release Notes

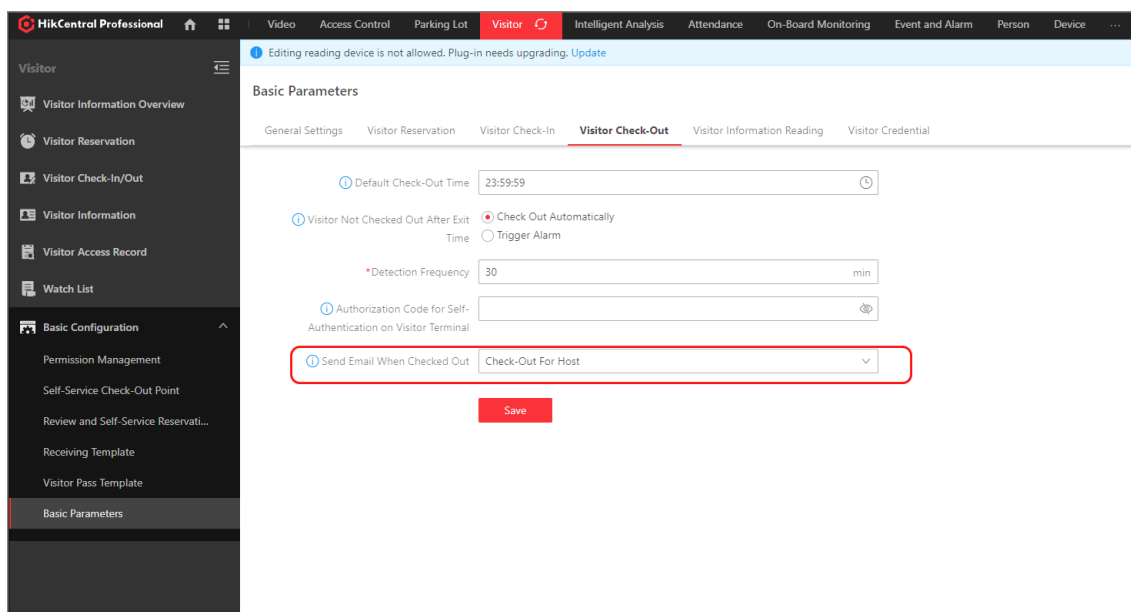


Figure 14-2 Checkout Email

3. (Web and Mobile Client) Visitor reservation, check-in and records support the PIN (auto/manual generation), which can be delivered to devices and included in emails.

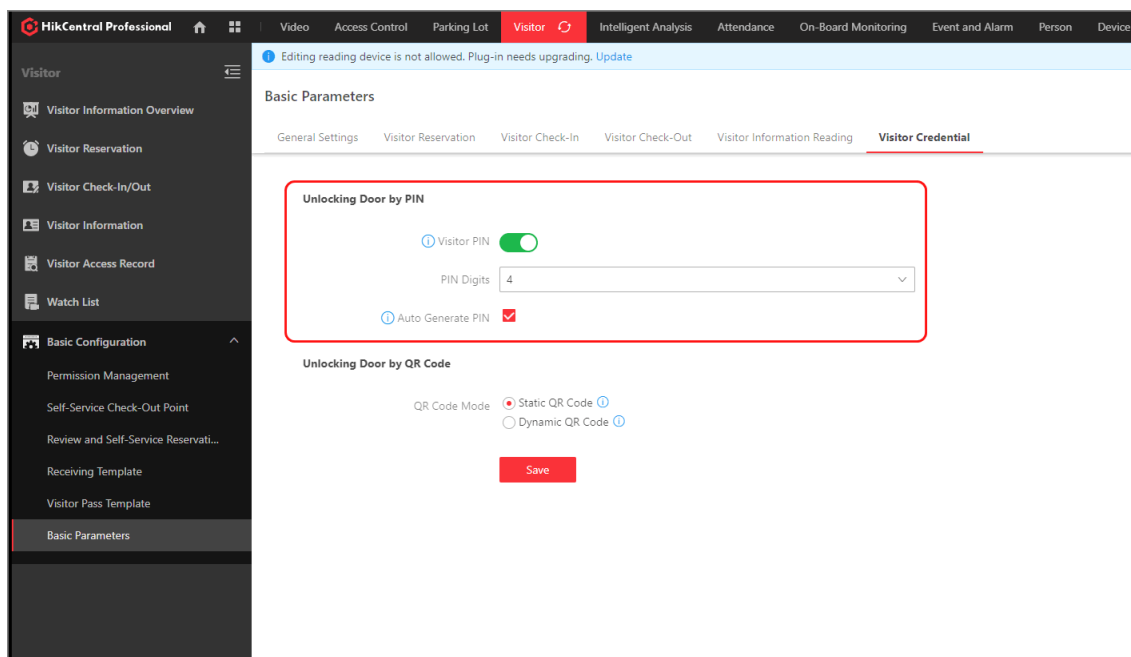


Figure 14-3 Visitor PIN

4. (Mobile Client) The Mobile Client supports custom visitor fields for visitor reservation/check-in.
5. (Web Client) Visitor credentials support iris, which can be collected from devices, and stored, searchable and exposed via OpenAPI.

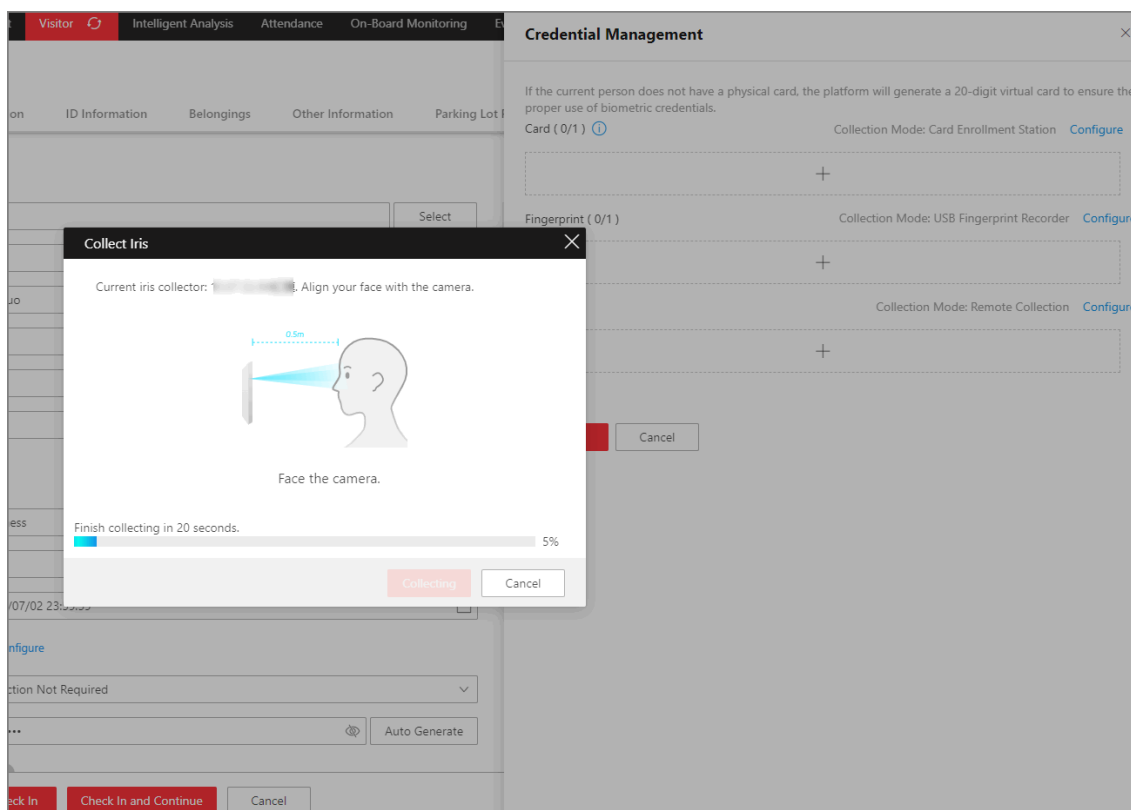


Figure 14-4 Iris

6. (Web Client) The wording for selecting the reservation push/email template in basic parameters is optimized.

HikCentral Professional V3.1.1 Release Notes

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](#)

Basic Parameters

General Settings | **Visitor Reservation** | Visitor Check-In | Visitor Check-Out | Visitor Information Reading | Visitor Credential

Reservation and Check-In

Check-In Not Required If Reservation Confirmed ☐

Digits of Reservation Code ☒ 4 Digits ☐ 6 Digits

Notification Templates

Send Email When Reservation Approved

Send Email When Reservation Rejected

Send WhatsApp When Reservation Approved

Send WhatsApp When Reservation Failed

Send WhatsApp When Reservation To Be Reviewed

Send First Message to WhatsApp

[Save](#)

Figure 14-5 Wording

7. (Web Client) Visitor info entry supports fast reading and auto-fill of several Latin-American national ID cards (e.g. Ecuador, Argentina).

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](#)

Basic Parameters

General Settings | Visitor Reservation | Visitor Check-In | Visitor Check-Out | **Visitor Information Reading** | Visitor Credential

The settings for reading visitor information are only effective for current computer user and not synced with the platform.

ID Type for Recognition ☐ Argentina ID Card [?](#)

Verify Visitor ID Validity Period ☐

If you enable this, device will recognize the validity period of visitor ID and remind visitor if ID expired. Otherwise, the validity period will not be verified.

[Save](#)

Figure 14-6 Card Reading

Chapter 15 Parking Management

New Feature

(Web Client) Adds an "Audio Media Library" page, allowing users to upload and manage audio files (.wav). These files can be applied to connected devices (e.g., ANPR cameras). Then users can configure broadcast content for different vehicle categories (e.g., authorized, visitor, or VIP) to delivery personalized prompts such as welcome messages or parking access expiration reminders.

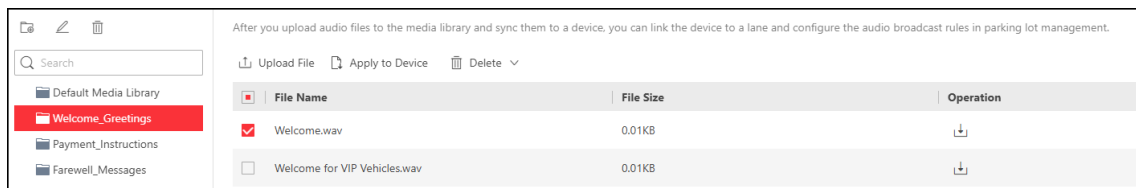


Figure 15-1 Audio Media Library

Optimizations

1. (Web Client) Distinguished **Vehicle Category** (attributes like registered, visitor, VIP) from **Vehicle Type** (physical models like truck, SUV). This update affects pages such as alarm notifications, parking records, and lane configuration.
2. (Web Client) Optimizes the lane configuration page.
 - Add Lane
Consolidates related settings (such as entry & exit rules for different vehicle categories and device linking) into one section, simplifying the configuration process and eliminating redundant steps.

Add Lane

Basic Information

Link Device

Entry & Exit Rule

Basic Information

* Lane Name

East Entrance

Lane Type

Entrance

Available Time Range

All-Day

Custom

Link Device

Device

Link capture units, card readers, etc., to control the barrier gate.

Link to Device

To control the barrier, configure the barrier control unit.

1

26

Set as Barrier Control Unit

Device Type	Device Address	Port No.	Capture Unit	Two-Way Audio
Entrance/Exit Control D...	10	80	IPCamera 01,IPCamera 0...	Support

Entry & Exit Rule

Entry & Exit Condition

Same as Parking Lot

Custom

Add

Cancel

Figure 15-2 Add Lane Page

- Lane Linked Device Configuration
On the lane details page, you can now directly configure linked devices, including audio broadcasts for specific scenarios, copying settings to other lanes, display content, and capture unit direction.

11 Entrance

Available Time Range: All-Day

Entry & Exit Condition: ANPR First

Entry & Exit Rule for Temporary Vehicles: Manual

Entry & Exit Rule for Registered Vehicles: Automatic&All-Day

Entry & Exit Rule for Visitor Vehicles: Automatic&All-Day

Entry & Exit Rule for Vehicles in List: No Rule

10

Entry and Exit: Default

82

10

Text on Screen: Configured

10.6

6

Text on Screen: Configured | Audio Broadcast: Configured

is

Panoram

Figure 15-3 Lane Details

3. (Web Client) The Screen Configuration page for parking lots and lanes allows you to configure custom display content for no vacant spaces on different types of screens.

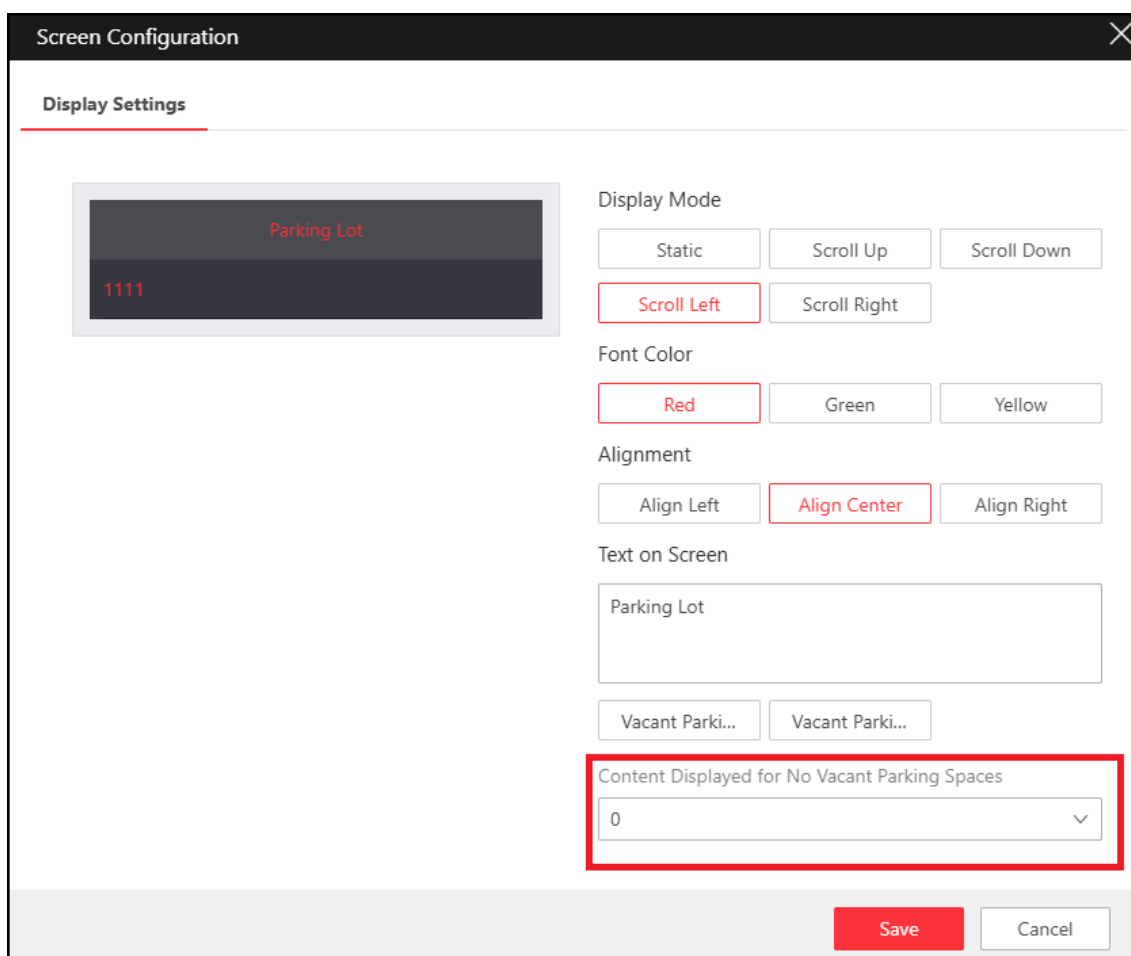


Figure 15-4 Screen Configuration

4. (Web Client) Deletes the **Single Condition** option from the entry & exit condition for parking lots and lanes. Only "ANPR First" and "Face/Card First" are now available.

Vehicle Verification and Account Deduction Mode

Entering Verification Mode

No Repeated Entry

License Plate and Card Match

Person and License Plate Match

Exiting Verification Mode

License Plate and Card Match

Person and License Plate Match

Entry & Exit Condition

Face/Card First

ANPR First

Auto Account Deduction

Yes

No

When Parking Fee is 0

Allow

Not Allow

Save

Cancel

Figure 15-5 Vehicle Verification and Account Deduction Mode

5. (Web Client & Control Client) Optimizes the parking billing logic.
- Accurate Segment Billing: Automatically calculates fees in segments based on changes to parking fee rules. For example, if a vehicle is parked during a period before a parking pass takes effect or after it expires, that period is charged according to the rule applicable at that time.
 - Multi-segment Fee Details Display: Supports checking fee details (including time period, parking fee rule, parking duration, and amount) across various stages (parking pass top-up, payment via toll center, payment via booth, entrance and exit monitoring, and payment record search).

Export

	Payment Source	Payment Method	Entrance and Exit	Operation Time	Amount Tendered	Abnormal Entry & Exit	Amount Due	Discount Rule	Discount Amount	Operator																	
cond(s)	Booth	Cash	East Exit01	2026/06/11 15:36:23	¥602.00	--	¥602.00	--	¥0.00	fsh																	
d(s)	Booth	Cash	East Exit01	2026/06/11 16:49:45	¥1.00	Total Due: ¥ 602.00 Parking during non-pass periods is charged at the temporary vehicle rate. Parking during the pass period is free. <table><tr><th>Time Period</th><th>Parking Fee Rule</th><th>Parking Duration</th><th>Amount</th></tr><tr><td>2026/05/15 14:36:08-2026/06/08 14:59:59</td><td>1RMB/Hour</td><td>24d 24min</td><td>¥ 577.00</td></tr><tr><td>2026/06/08 15:00:00-2026/06/10 14:59:59</td><td>No Fee for Vehicles with Parking Pass</td><td>1d 23h 60min</td><td>¥ 0.00</td></tr><tr><td>2026/06/10 15:00:00-2026/06/11 15:35:34</td><td>1RMB/Hour</td><td>1d 36min</td><td>¥ 25.00</td></tr></table>					Time Period	Parking Fee Rule	Parking Duration	Amount	2026/05/15 14:36:08-2026/06/08 14:59:59	1RMB/Hour	24d 24min	¥ 577.00	2026/06/08 15:00:00-2026/06/10 14:59:59	No Fee for Vehicles with Parking Pass	1d 23h 60min	¥ 0.00	2026/06/10 15:00:00-2026/06/11 15:35:34	1RMB/Hour	1d 36min	¥ 25.00	fsh
Time Period	Parking Fee Rule	Parking Duration	Amount																								
2026/05/15 14:36:08-2026/06/08 14:59:59	1RMB/Hour	24d 24min	¥ 577.00																								
2026/06/08 15:00:00-2026/06/10 14:59:59	No Fee for Vehicles with Parking Pass	1d 23h 60min	¥ 0.00																								
2026/06/10 15:00:00-2026/06/11 15:35:34	1RMB/Hour	1d 36min	¥ 25.00																								
d(s)	Booth	Cash	East Exit01	2026/06/11 16:49:48	¥1.00						fsh																
d(s)	Booth	Vehicle Owner Account	East Exit01	2026/06/11 16:50:49	¥0.00						admin																
d(s)	Booth	Vehicle Owner Account	East Exit01	2026/06/11 16:50:50	¥0.00						admin																

Figure 15-6 Payment Record Details

- Overdue Payment Reminder: When topping up a parking pass, a pop-up will appear if unpaid fees are detected, allowing one-click redirection to the payment page.
6. (Control Client) Optimizes the process of manually opening barriers for entry during entrance and exit monitoring:
- Updates UI text for manual entry.
Allow is changed to **Quick Allow**; **Advanced Allow** is changed to **Allow with Reason**.

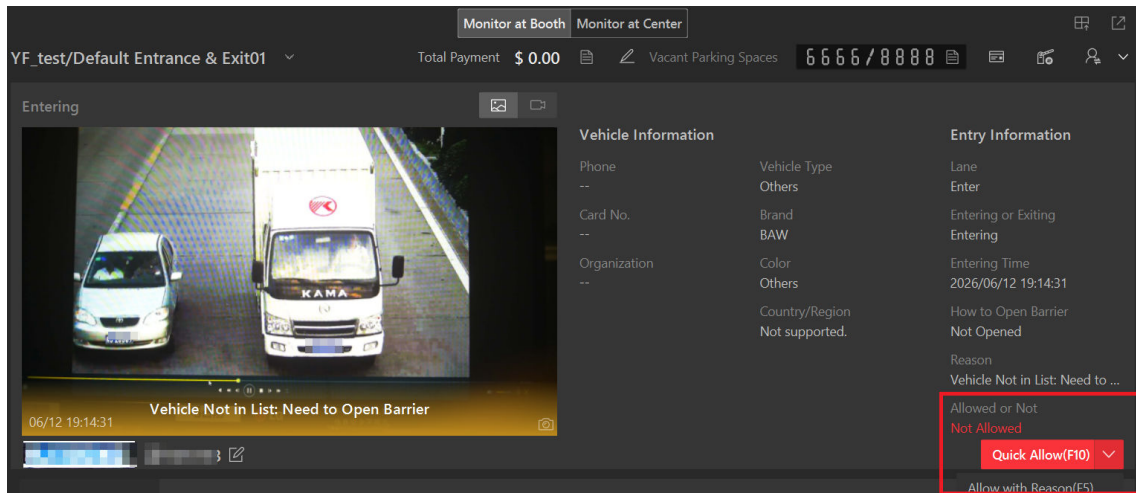


Figure 15-7 Open Barrier Manually

- Simplifies the required field logic on Allow with Reason window.

The **Select Vehicle List to Assign Parking Space** option only appears when **Parking Space Control** is enabled, and **Remarks** (reason for allowing) is required only when **Reason Required When Manual Entry & Exit Allowed** is enabled.

7. (Control Client) Adds a shift handover confirmation step to prevent accidental logout.

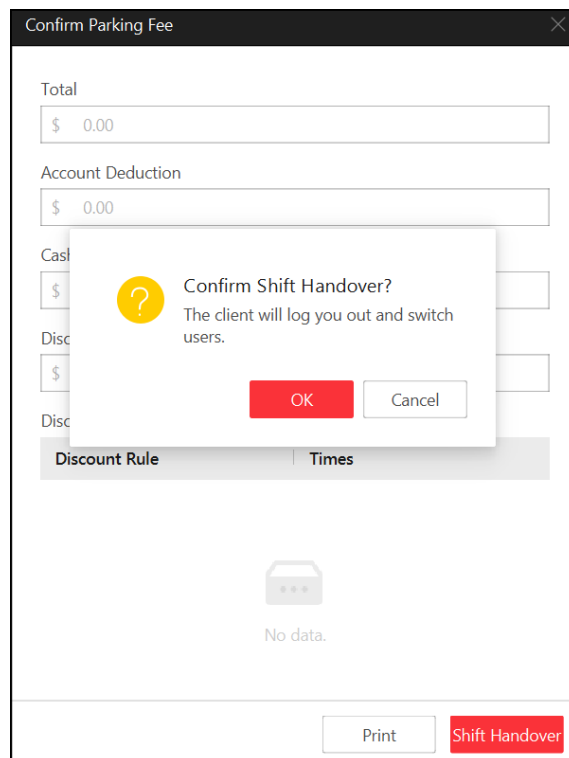


Figure 15-8 Confirm Shift Handover

Chapter 16 ANPR

Optimizations

1. Supports flexible switching between speed units (mph and km/h). A **Speed Unit** setting is now available on the User Preferences page, automatically updating the speed unit across the entire system.

The screenshot displays the 'User Preference' configuration page. At the top, the title 'User Preference' is visible. Below it, there are several settings:

- *Site Name:** A text input field containing 'HikCentral Professio'.
- First Day of Week:** A dropdown menu set to 'Sunday'. Below it, a note states: 'Refresh the entire page to take effect after the first day of the week during which you change the settings.'
- Speed Unit:** This section is highlighted with a red rectangular box. It contains two radio buttons: 'km/h' (which is selected) and 'mph'.
- Temperature Unit:** Three radio buttons are present: 'Celsius (°C)' (selected), 'Fahrenheit (°F)', and 'Kelvin (K)'.
- Display Mask Related Functions:** A checkbox that is checked, indicated by a red checkmark.
- Calendar Type:** Three radio buttons are present: 'Gregorian Calendar' (selected), 'Thai Calendar', and 'Nepali Calendar'.
- Save:** A red button at the bottom center of the form.

Figure 16-1 User Preferences

2. (Web Client & Control Client) Adds a **Driving Speed** filter (defining the driving speed range) to the Vehicle Passing Search and Vehicle Analysis pages. When you export reports from these pages, the speed range data will be included.



Figure 16-2 Vehicle Analysis Report

Chapter 17 Smart Security Inspection

Optimizations

1. Compatible with intelligent X-ray security inspection systems including models ISD-CA6040S-H, ISD-CA6040S-C, and ISD-CA6040S-B.
2. (Web Client) After you set the video channel name for the linked cameras of security inspection devices on the platform, supports applying the names to the device, keeping the displayed name consistent on both ends.



Note

Supported device model: ISD-CA6040S-H, ISD-CA6040S-C, and ISD-CA6040S-B.

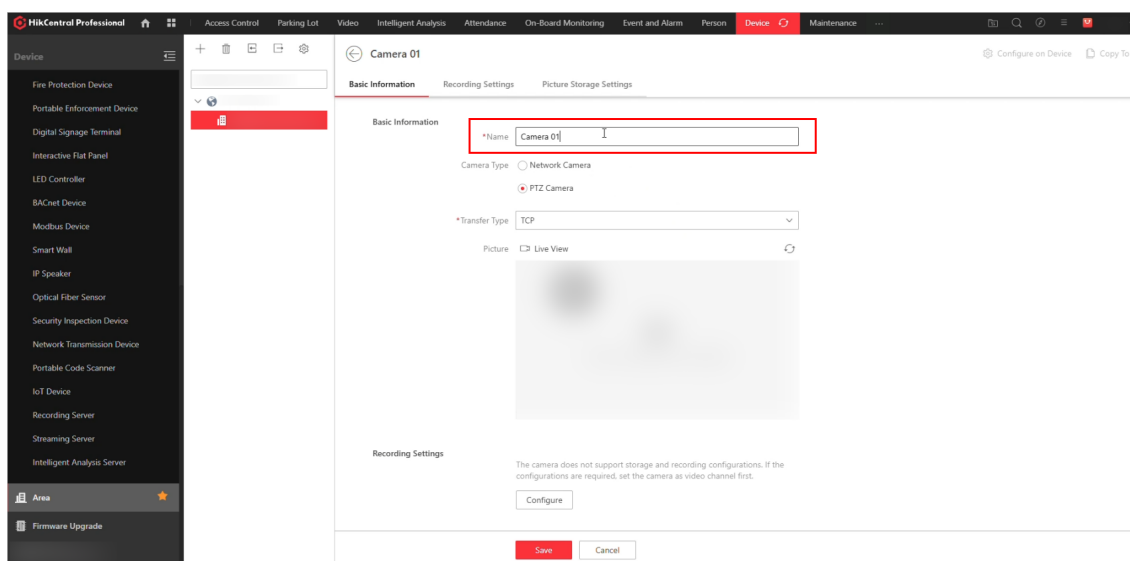


Figure 17-1 Edit Camera Name

3. (Web Client) Statistics including Checked Persons, Mental Detection Alarms, and Abnormal Temperatures sync automatically from the device. If the device goes offline, click **Refresh Indicator** to ensure data consistency.

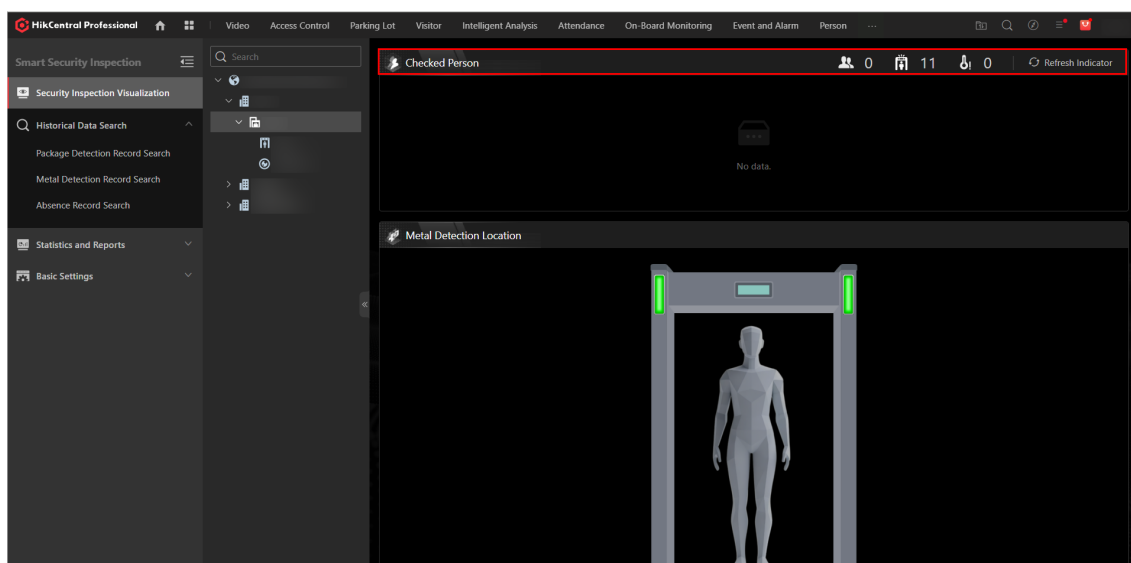


Figure 17-2 Refresh Indicator

4. (Web Client) Adds a visual traffic light status display on the real-time monitoring page for security gates, allowing you to quickly identify whether the device is ready for screening.

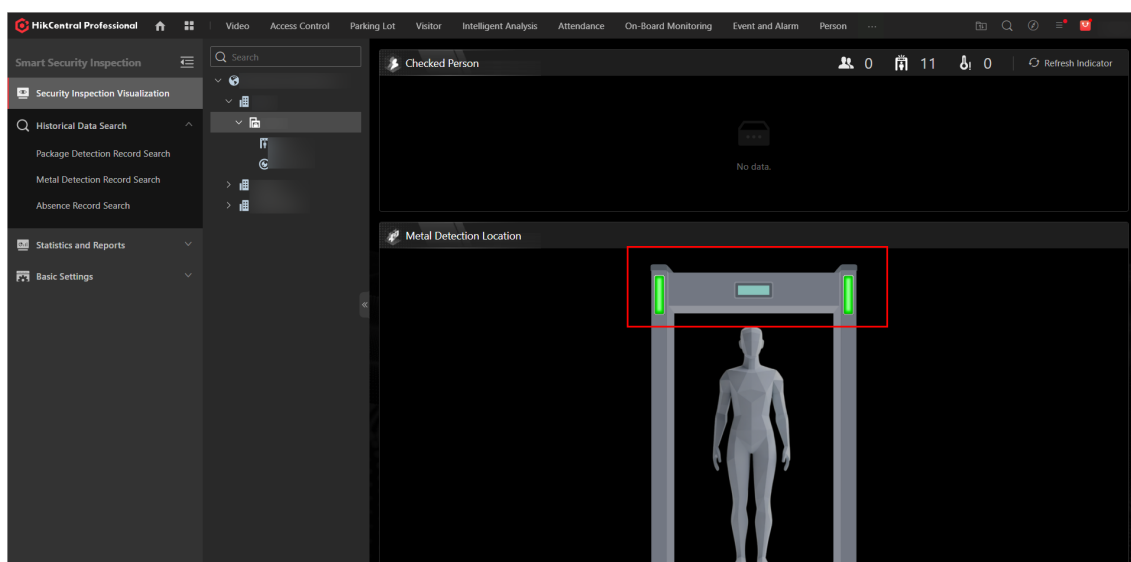


Figure 17-3 Refresh Indicator

5. (Web Client) Improves zone visualization to better reflect the physical layout of devices, enhancing clarity and ease of monitoring by replacing the original left, middle, and right zone blocks with only left and right blocks. Alarms are marked with specific codes (e.g., L1, R1) and highlighted for precise localization.

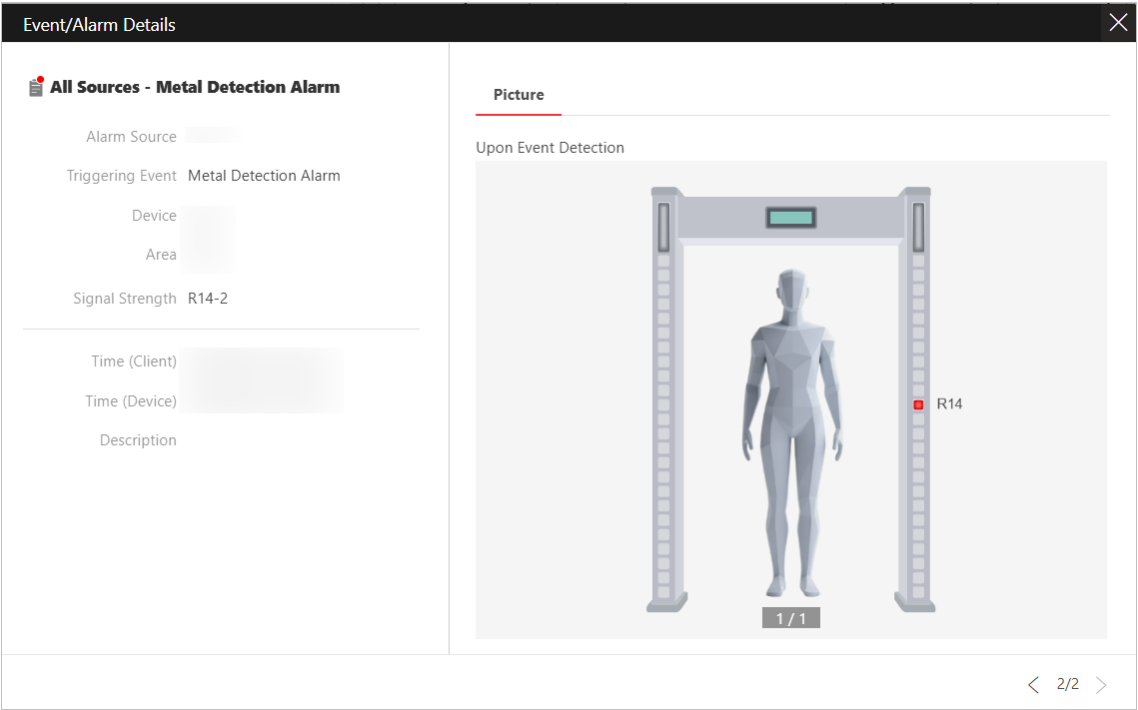


Figure 17-4 Alarm Light

Chapter 18 Video Intercom

New Feature

(Web Client & Control Client) When **Auto Record Two-Way Audio** is enabled, two-way audio from the Web and Control Clients is automatically recorded and uploaded to the server. Recordings are available for download in **Recents → Operation → Download**.

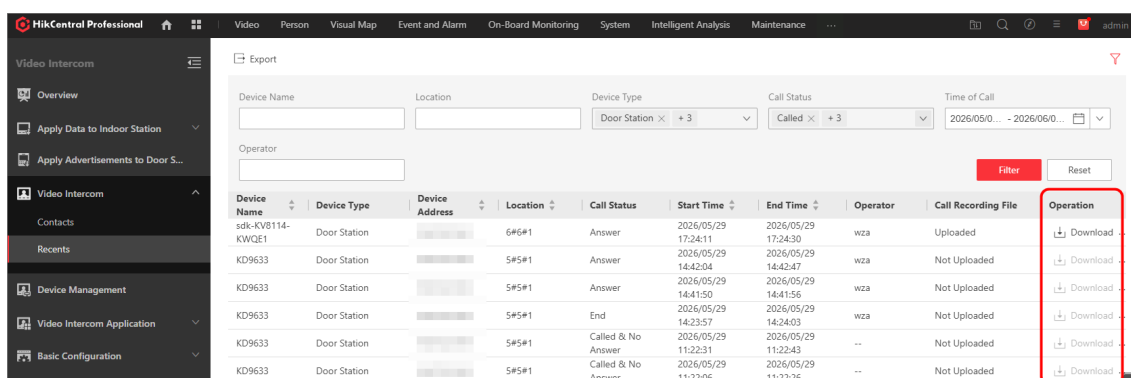
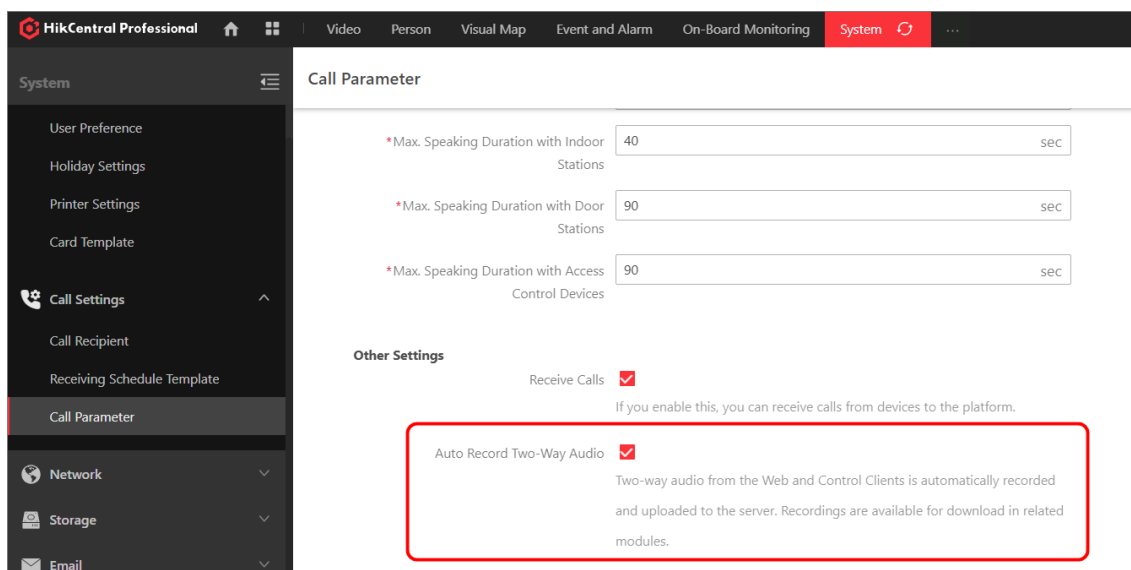


Figure 18-1 Auto Record Two-Way Audio

Optimization

(Web Client) For the **Unlock by Householder** event, a **Door Opening Device** field has been added to specify the indoor station that unlocked the door. Example: 8005Door1 was unlocked by indoor station KH6110 (location: 5#5#1#1#1).

HikCentral Professional V3.1.1 Release Notes

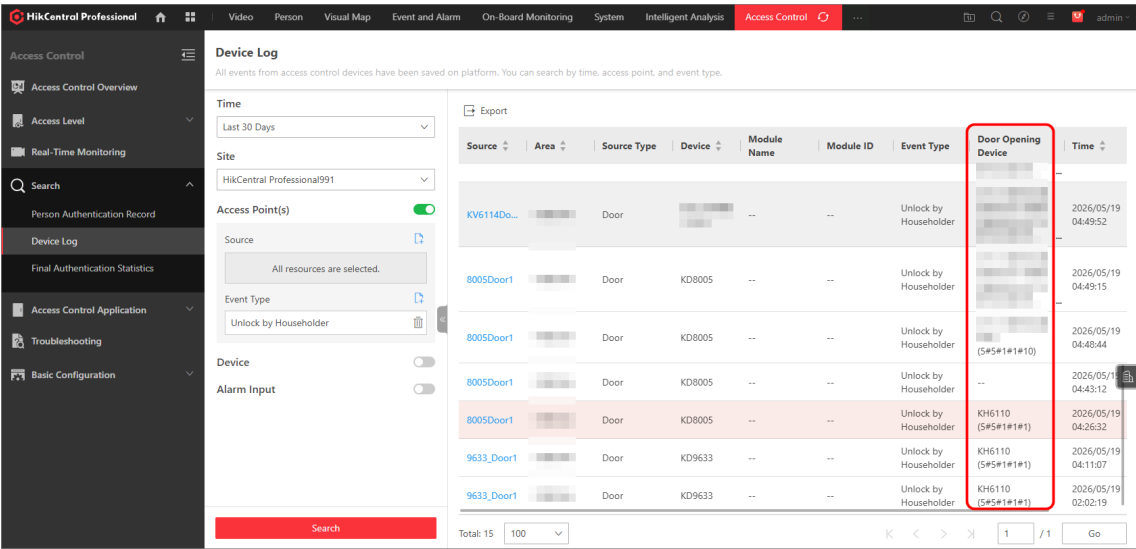


Figure 18-2 Door Opening Device

Chapter 19 Traffic Incident Monitoring

New Features

(Web Client & Control Client) This update is compatible with speed LED displays and portable radar speed detectors. It supports features like overspeed warnings and low battery monitoring for maintenance.

- Compatible with the Speed LED Display model YJP7681-188-RL/GLE (firmware V5.1.2) via ISUP. The device is ideal for enclosed areas and rural roads to enhance vehicle safety warnings.



Figure 19-1 Speed LED Display

The device uses radar to detect vehicle speed, supports configurable speed thresholds (e.g., 0–200 km/h), and displays warnings such as "slow down" for overspeeding or friendly icons like a smile for normal speeds.

Supports batch threshold configuration and real-time battery monitoring with automatic low-battery alerts.

HikCentral Professional V3.1.1 Release Notes

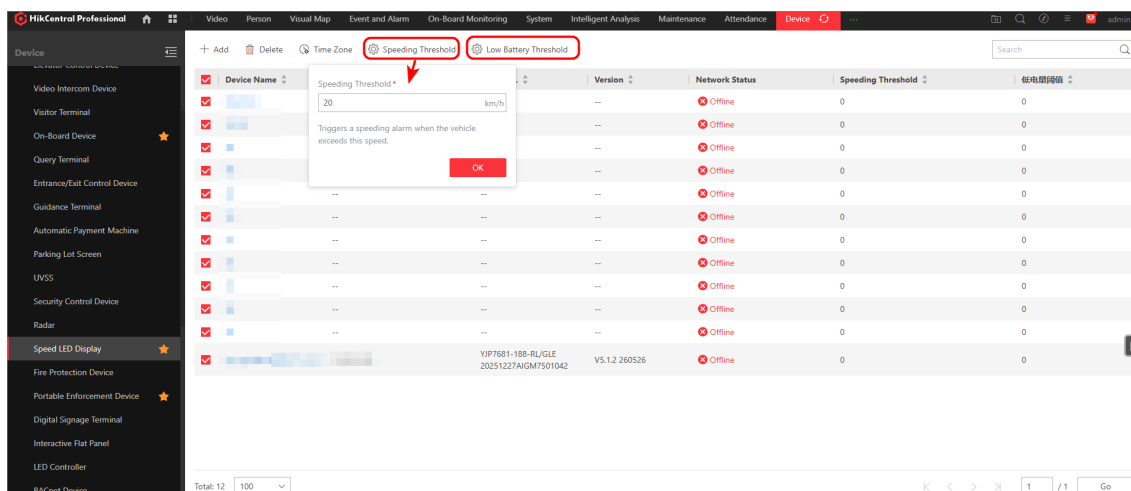


Figure 19-2 Speed LED Display

- Compatible with the iDS-TD1C00-HI/PT25(O-STD) portable radar speed detectors (firmware V5.4.1) via ISUP.



Figure 19-3 Portable Radar Speed Detector

Designed for temporary roadside speed enforcement, the device reports ANPR vehicle records and speed data, allowing the platform to collect and search for events such as speeding for efficient traffic violation management.

- (Web Client & Control Client) On the Real-Time Overview page, adds the real-time status display of speed LED display devices.

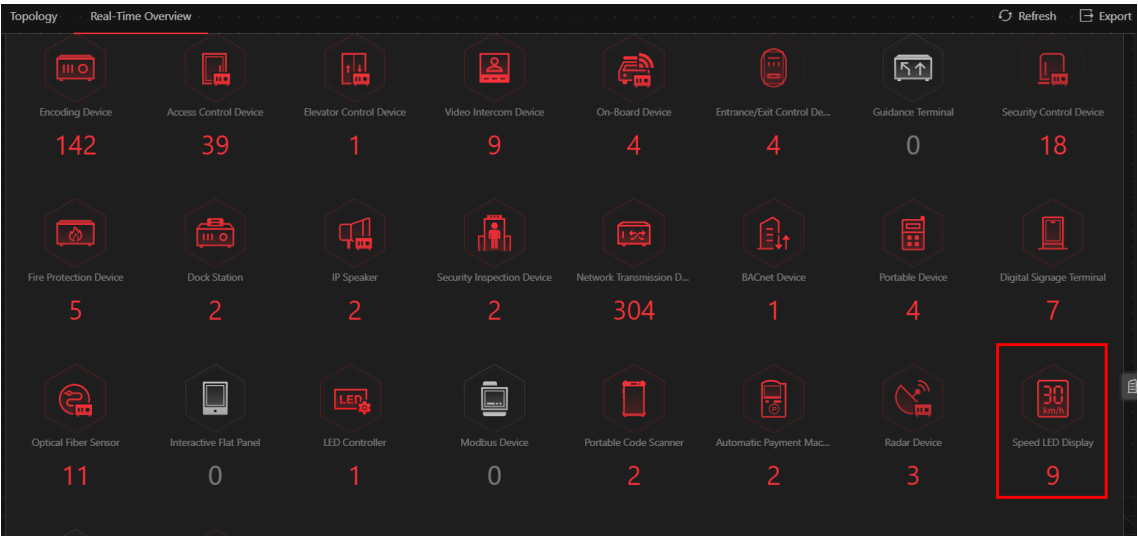


Figure 19-4 Real-Time Overview

Chapter 20 On-Board Monitoring

The feature enhancements are as follows:

1. (Web Client) Supports selecting offline devices to upgrade in the Firmware Upgrade module. The upgrade process will automatically initiate once the device goes online.

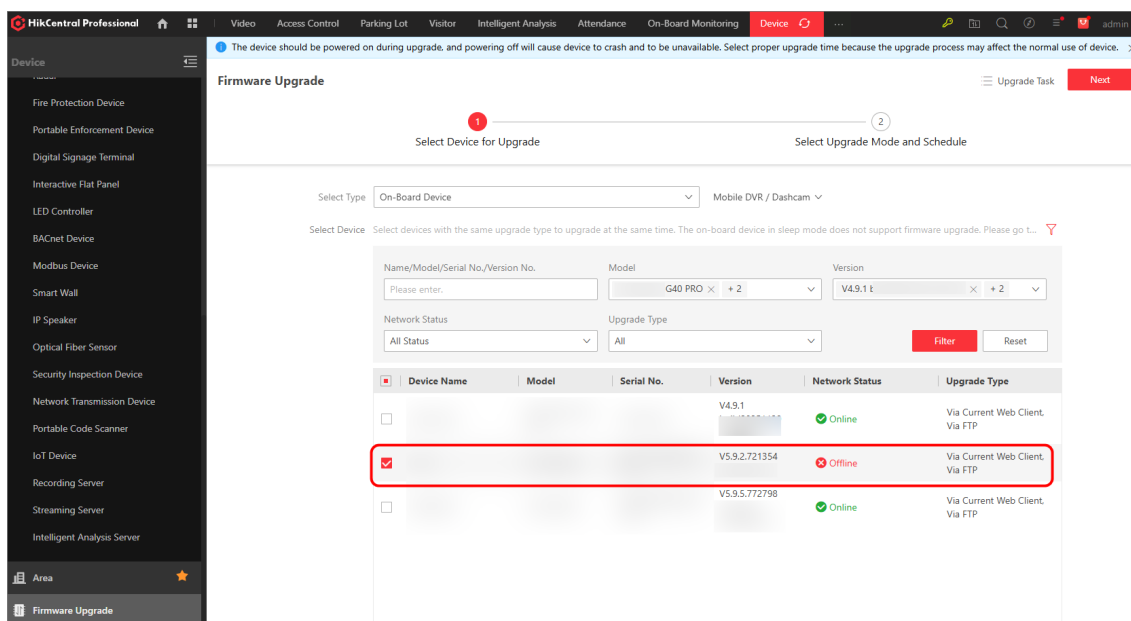


Figure 20-1 Upgrade Offline Devices

2. (Web Client) Distinguishes between two types of tampering alarms: **Video Tampering (Manual Lens Occlusion)** from DSM events and **Video Tampering Detection** from Maintenance events. These are now displayed individually once added.
 - Video Tampering (Driver Status Monitoring)
 - Video Tampering Detection (Maintenance)

HikCentral Professional V3.1.1 Release Notes

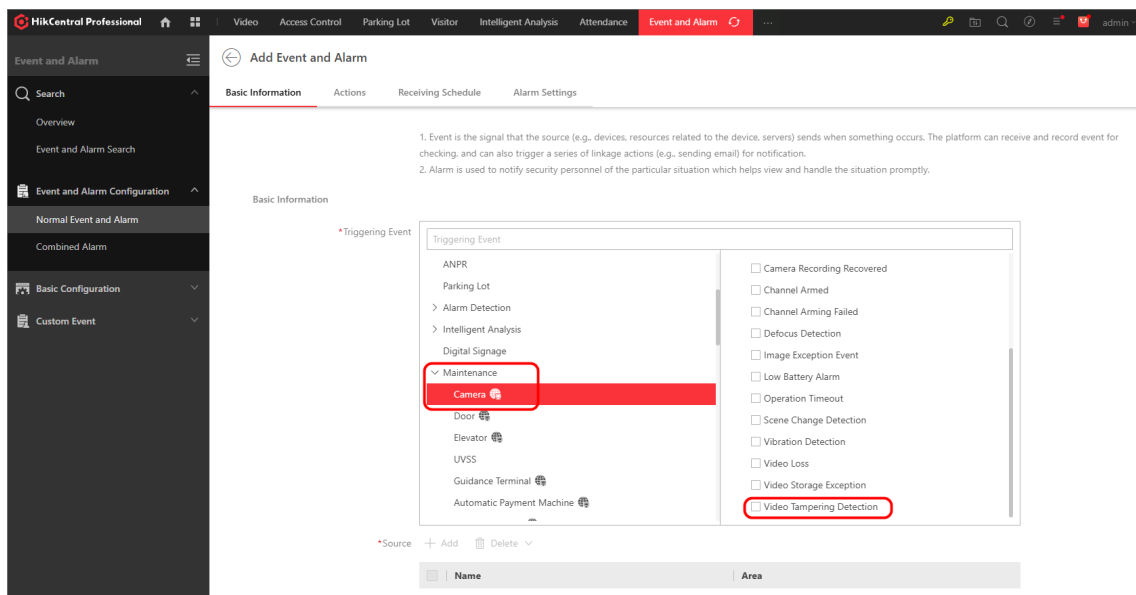


Figure 20-3 Video Tampering Detection (Maintenance)

3. (Web Client) Adds a notification if no route data is found for the selected playback period and camera.

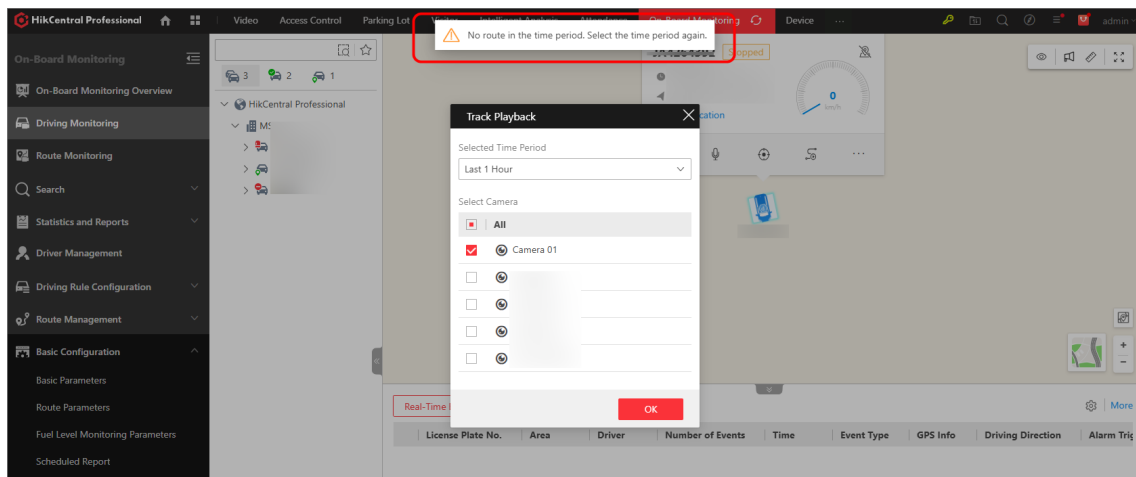


Figure 20-4 No Route Notification

4. (Web Client) Supports adjusting the track playback duration directly within the map view.

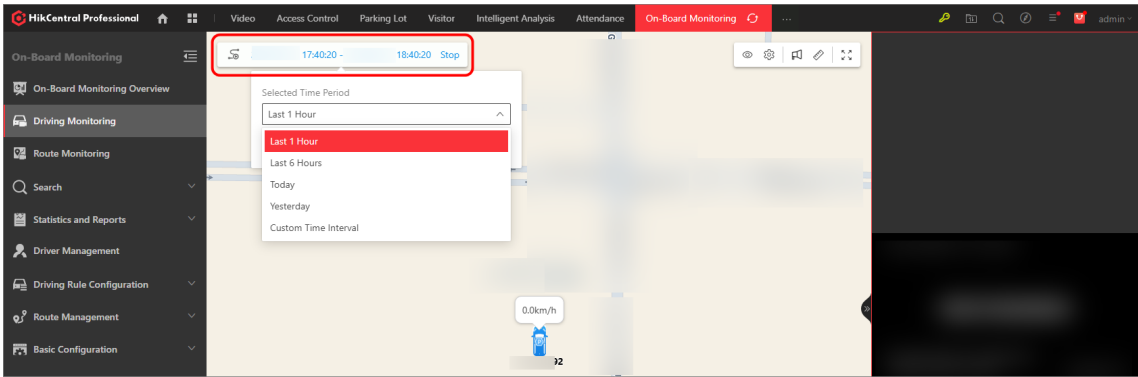


Figure 20-5 Adjust Track Playback Duration Within Map View

5. (Web Client & Control Client) Supports displaying device IMEI and ICCID (SIM card inserted) in the Maintenance module.

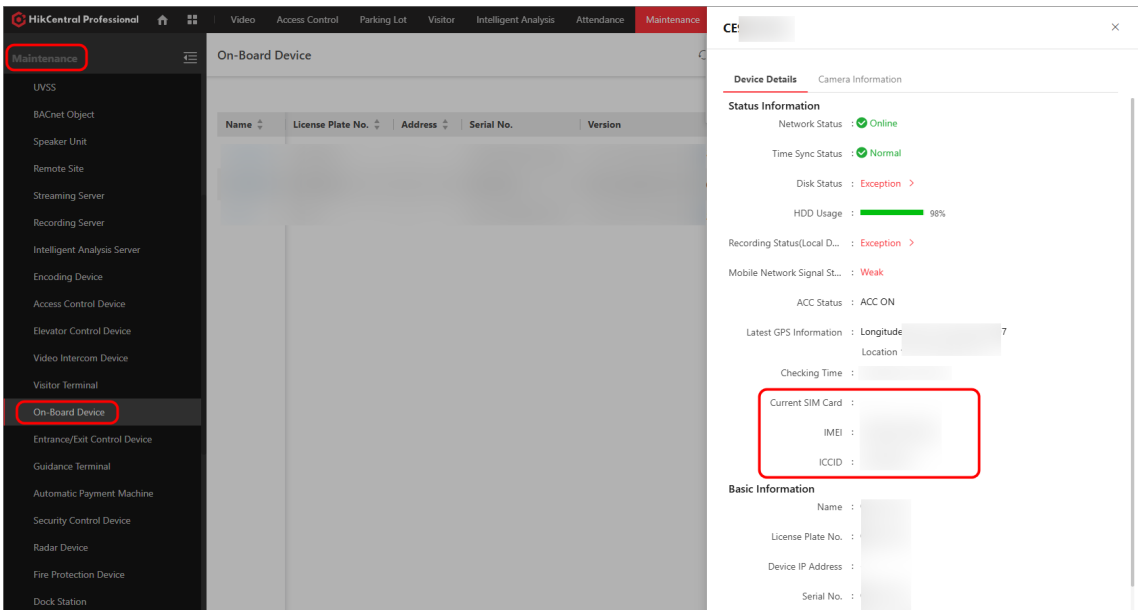


Figure 20-6 Display Device IMEI & ICCID

6. (Web Client) The speed unit setting has been relocated to the System User Preference module.

HikCentral Professional V3.1.1 Release Notes

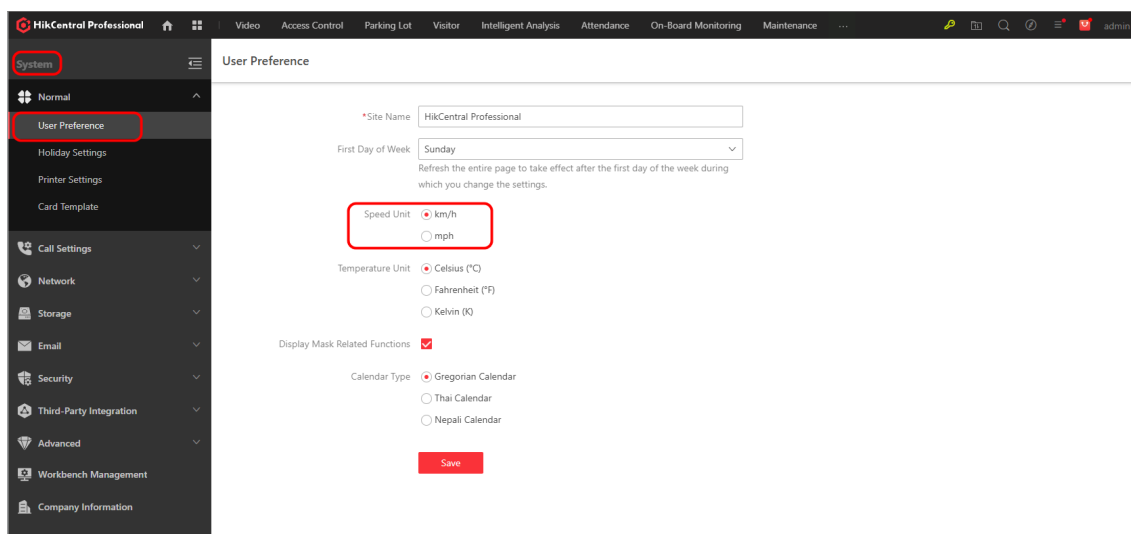


Figure 20-7 New Speed Unit Configuration Entry

7. (Web Client) When navigating from Driving Event Report to Driving Event Search via "Details", you can now return to the Report page while preserving its previous state and data.

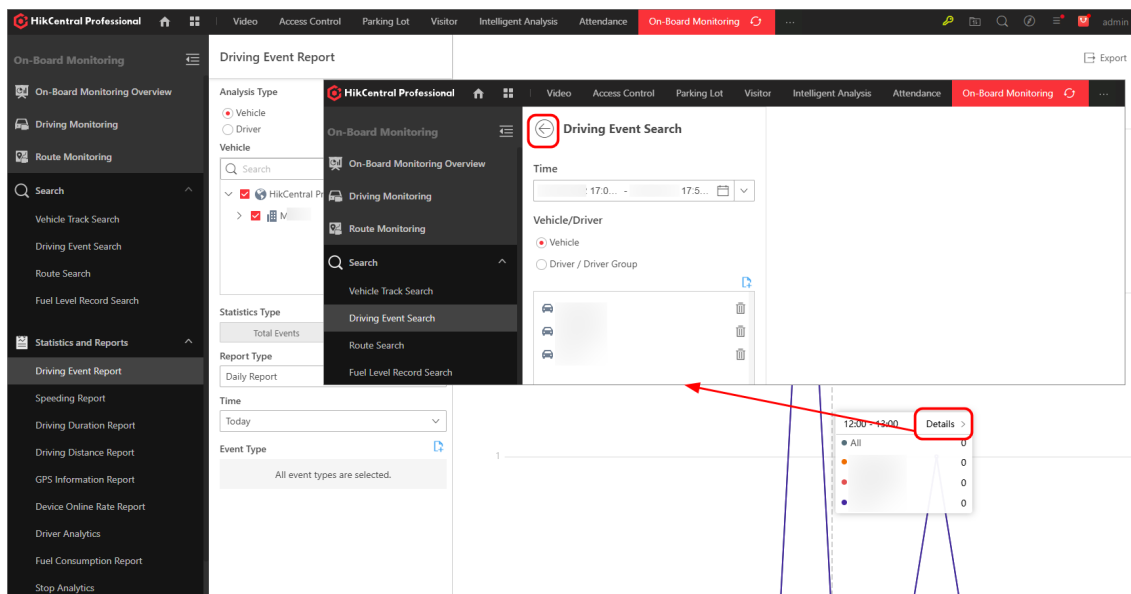


Figure 20-8 Preserve Page State

8. (Control Client) Fully displays the Export Video button and move it to the start.
9. Supports the following two device types: Mobile Patrol ANPR System (iDS-MI3704-H/2/G) and Mobile Enforcement Video Recorder (DS-TP50-09H).
10. Supports applying domain-based server addresses to devices.
11. The free license quota for the first 10 on-board devices has been **discontinued**. When upgrading from an older version of HCP, previously activated on-board device licenses will be migrated to determine the device access limit.

Chapter 21 Portable Enforcement

The feature enhancements are as follows:

1. (Web Client & Control Client) Adds the following new events/alarms: Abnormal Shutdown (Power Loss or Battery Removal) / Battery Removed (for Android) / Device Overheating / Fall Detected (Officer Falls or Device Drops) / Forced Shutdown.

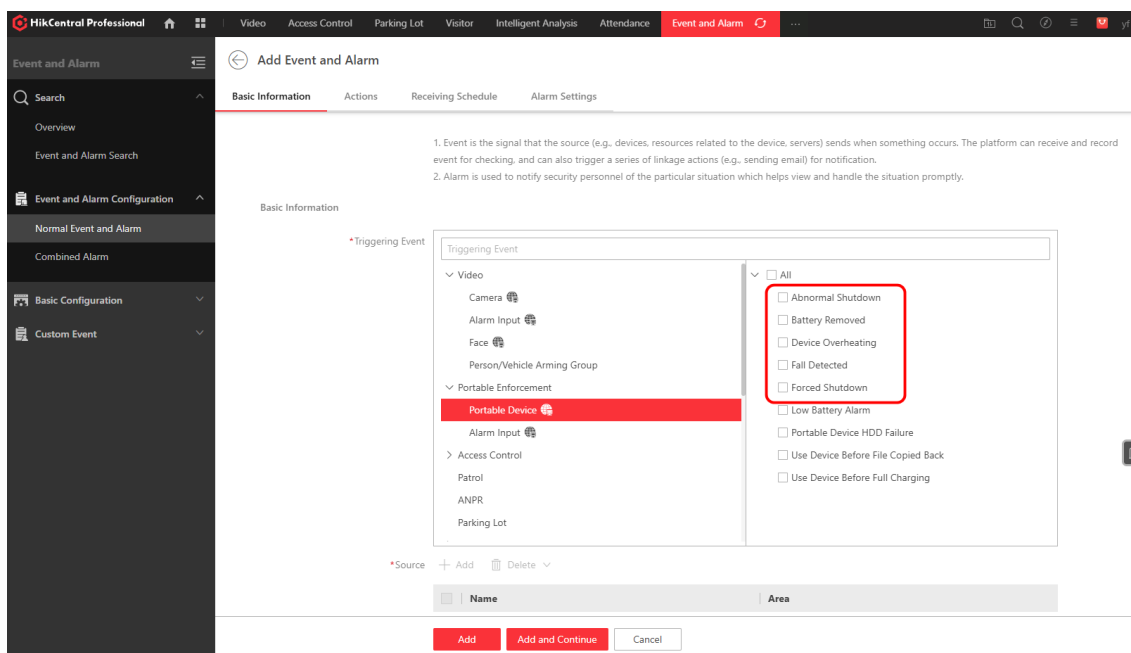


Figure 21-1 New Events/Alarms

2. (Web Client) If a body-worn camera is lost, supports remotely locking, formatting, or shutting it down via the platform to prevent data leakage.
 - **Format Storage:** Clear all SD card data to prevent data leakage.
 - **Lock Device:** Disable buttons and screen to prevent unauthorized access or tampering.
 - **Remote Shutdown:** Power down the device to prevent unauthorized or malicious use.

HikCentral Professional V3.1.1 Release Notes

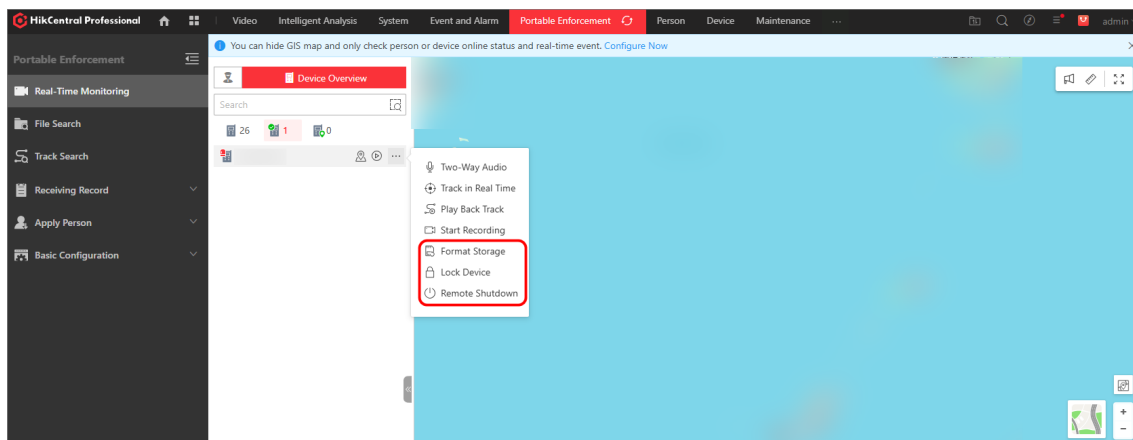


Figure 21-2 Remote Control of Body Worn Cameras

3. (Web Client & Mobile Client) Pressing the SOS button now triggers automatic local recording and a snapshot upload to the platform. Alarm details include personnel ID, name, and GPS location for rapid situational awareness.

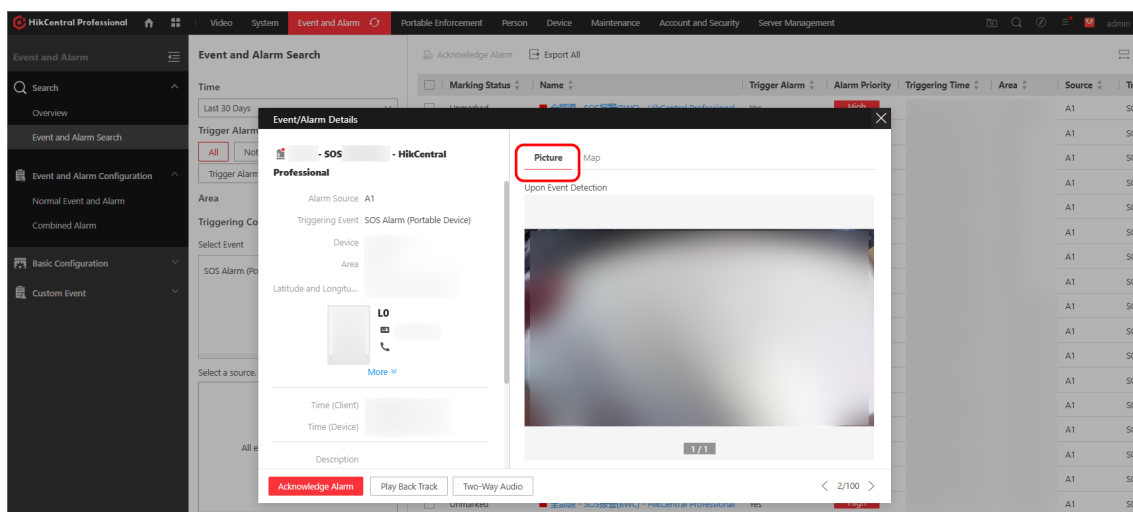


Figure 21-3 SOS Alarm Picture Uploaded to Platform

4. (Mobile Client) Integrates map view into Alarm Details.

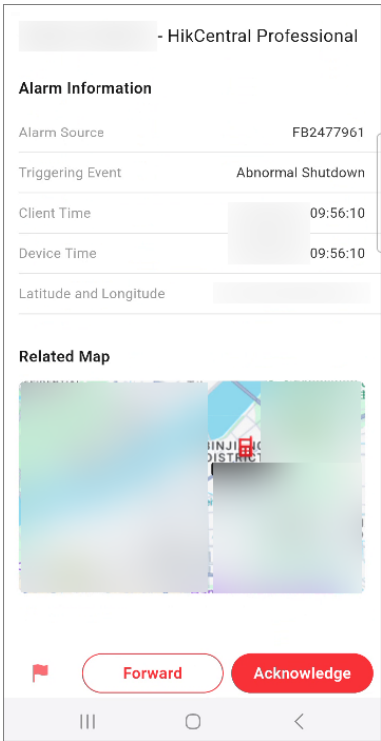


Figure 21-4 Integrate Map into Alarm Details

5. (Web Client) Enables inline tag creation during file search and tag selection in the File Search module.
- File Search

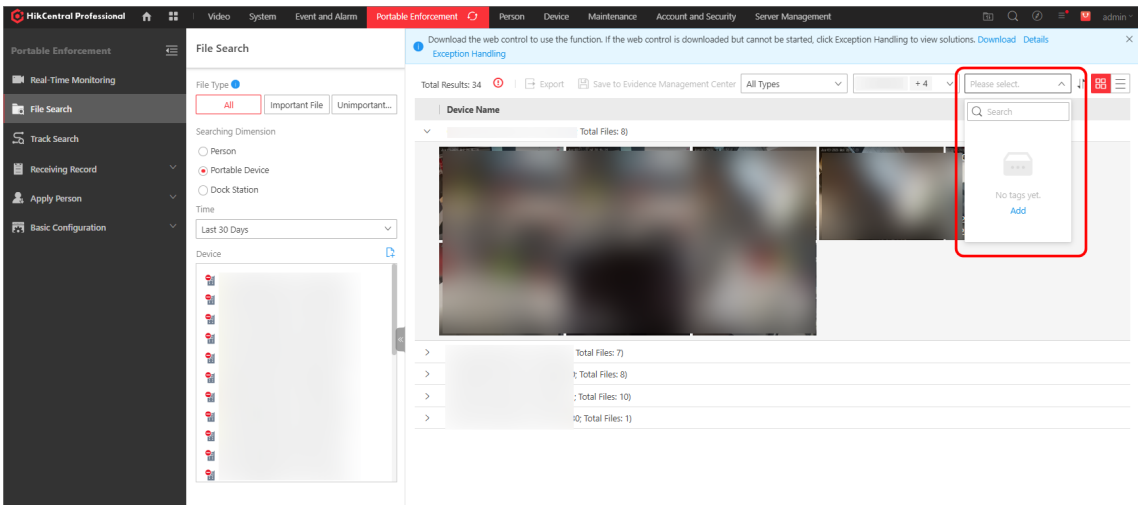


Figure 21-5 Quick Access to Tag Creation During File Search

- File Selection

HikCentral Professional V3.1.1 Release Notes

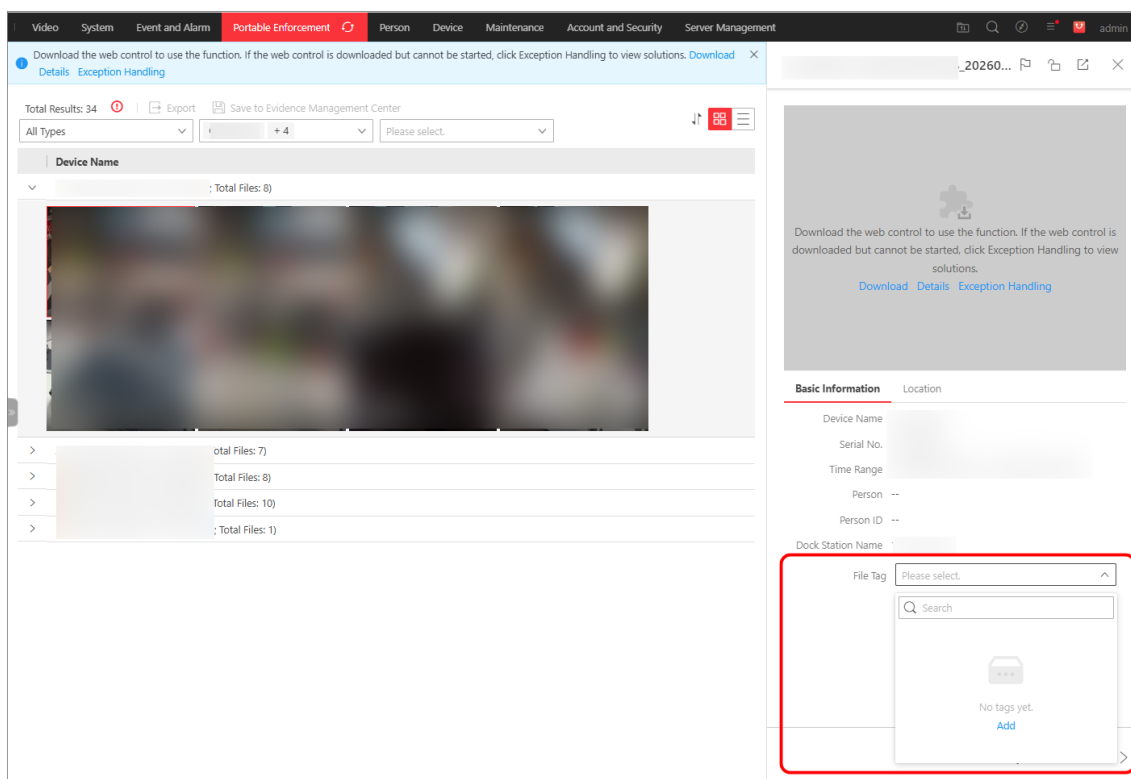


Figure 21-6 Quick Access to Tag Creation During File Tag Selection

6. (Web Client) Supports viewing and editing linked persons and their departments, and unbinding selected devices from all associated entities.
7. (Web Client) Supports permanently displaying the device version in the Device List or Maintenance module, even after the device goes offline or the platform service restarts.
8. (Web Client) In the Maintenance module, supports displaying the dock station and dock station bay for portable devices.

HikCentral Professional V3.1.1 Release Notes

The screenshot shows the 'Portable Device' management page in HikCentral Professional. The table lists various devices with columns for Name, IP Address, Serial No., Version No., Network Status, Time Sync Status, Dock Station, Dock Station Bin, Disk Status, Disk Usage, Recording Status, Device Battery Capacity, Mobile Signal Strength, and Operation. The 'Dock Station' and 'Dock Station Bin' columns are highlighted with red boxes.

Name	IP Addr...	Serial No.	Version No.	Network Status	Time Sync Status	Dock Station	Dock Station Bin	Disk Status	Disk Usage	Recording Status	Device Battery Capacity	Mobile Signal Strength	Operation
				Offline	Unknown		2	Normal	0%	Recording Status Failed	Unknown	Unknown	bd
				Offline	Unknown		--	Normal	0%	Getting Recording Status Failed	Unknown	Unknown	
				Offline	Unknown		--	Normal	0%	Getting Recording Status Failed	Unknown	Unknown	
				Offline	Unknown		--	Normal	0%	Getting Recording Status Failed	Unknown	Unknown	
				Offline	Unknown		5	Normal	0%	Getting Recording Status Failed	Unknown	Unknown	
				Online	Exception		--	Normal	0%	Normal	100% (Obtainmen t Time)	Unknown	
				Offline	Unknown		--	Normal	0%	Getting Recording Status Failed	Unknown	Unknown	
				Offline	Unknown		--	Normal	0%	Getting Recording Status Failed	Unknown	Unknown	
				Offline	Unknown		--	Normal	0%	Getting Recording Status Failed	Unknown	Unknown	
				Offline	Unknown		4	Normal	0%	Getting Recording Status Failed	Unknown	Unknown	

Figure 21-7 Display of Dock Station & Dock Station Bay

9. (Web Client) Supports selecting a specified person to reapply.

The screenshot shows the 'Person' management page in HikCentral Professional. The page displays a list of persons with columns for Person Information, Linked Dock Station, Credential Information, Receivable Portable Device, Status, and Operation. The 'Reapply' button is highlighted with a red box.

Person Information	Linked Dock Station	Credential Information	Receivable Portable Device	Status	Operation
	1	0 0		Valid	
	1	0 0		Valid	
	1	0 0		Valid	
	1	0 0		Valid	
	1	0 0		Invalid	

Figure 21-8 Reapply A Single Person

10. Supports the following new models of body-worn cameras: DS-MCW409/K5/64G/5G(O-STD), DS-MCW409/N2/64G/GLE(O-STD), and DS-MCW409/SE/N2/64G/GLE.

Chapter 22 Intelligent Analysis

Optimizations

- 1. (Desktop, Web, and Mobile Clients) The queue analysis report shows data descriptions and values (count/duration) next to percentages.

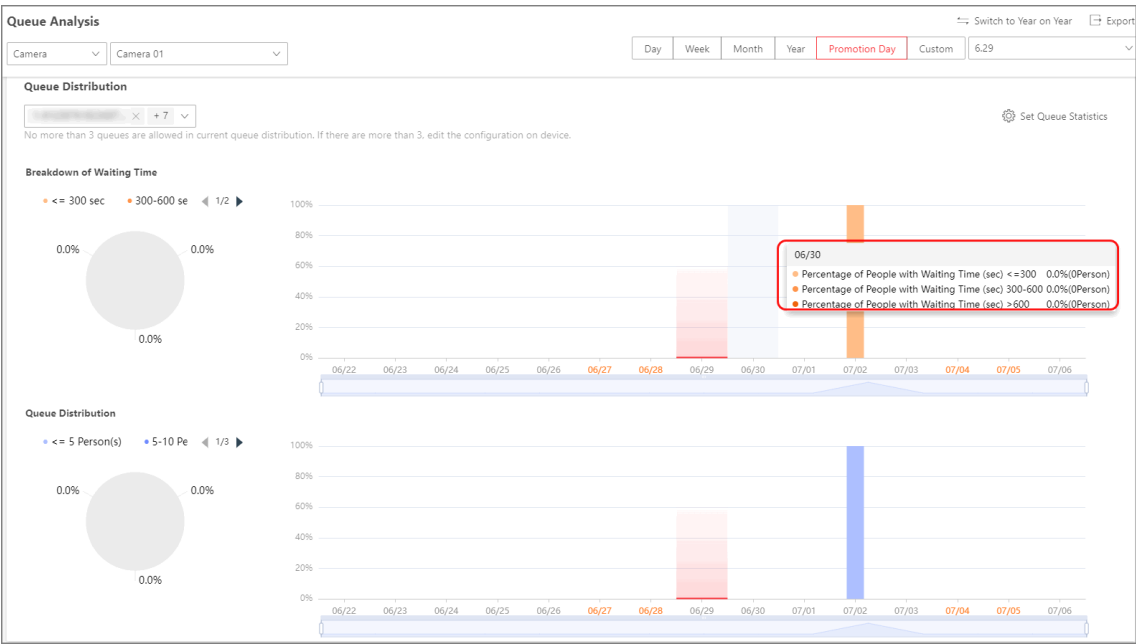


Figure 22-1 Data Descriptions

- 2. (Web and Mobile Clients) A store with a single fisheye camera can upload its own base map and configure/show a global heat map.

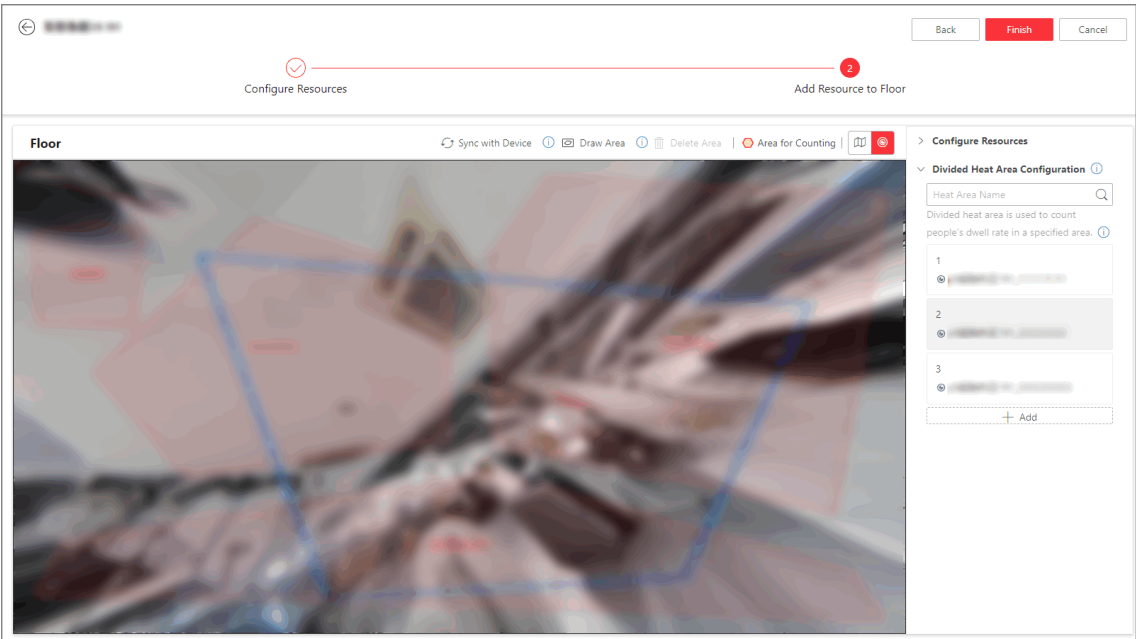


Figure 22-2 Fisheye Camera Store

3. (Desktop and Web Clients) A "dwell duration" label is added next to the heat-zone ranking threshold in the retail multi-store report.

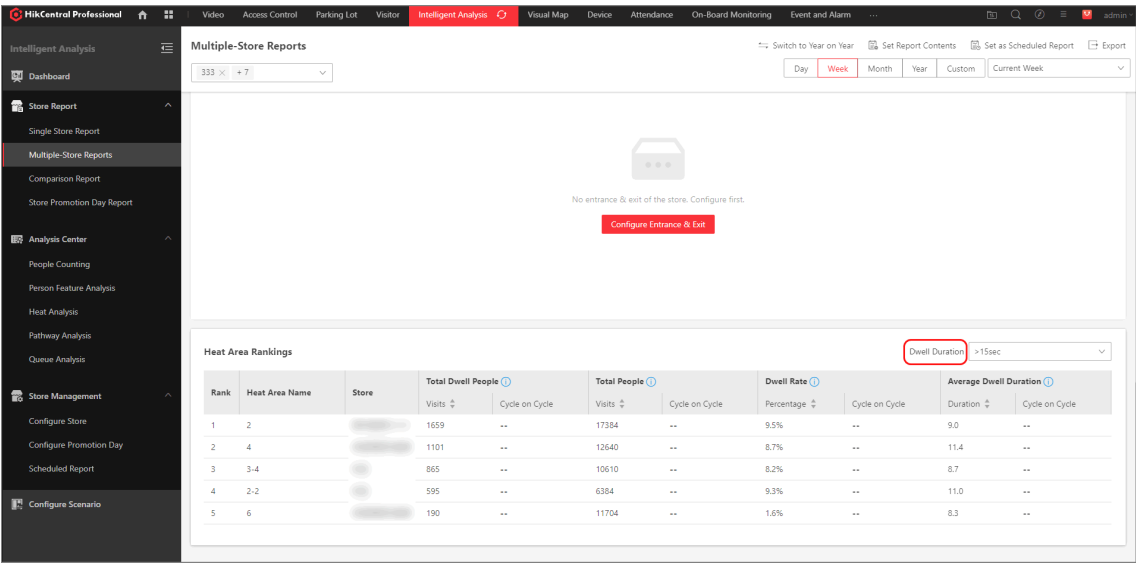


Figure 22-3 Dwell Duration

4. (Desktop and Web Clients) The ambiguous "threshold" control in the pathway analysis report is given clearer wording.

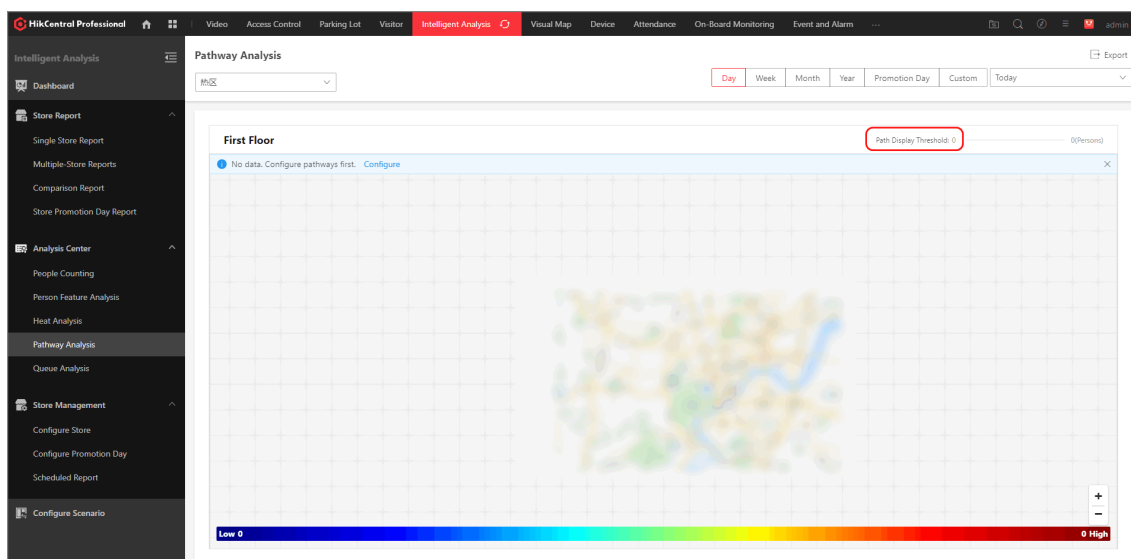


Figure 22-4 Wording

5. (Web Client) When no GIS map is configured, the add-store interaction is optimized, without needing to jump to the map configuration.

Chapter 23 Attendance

Optimizations

1. (Web Client) On the **Scheduled Report** page, supports selecting **Current Day** as the report time when the statistical cycle is **By Day**.

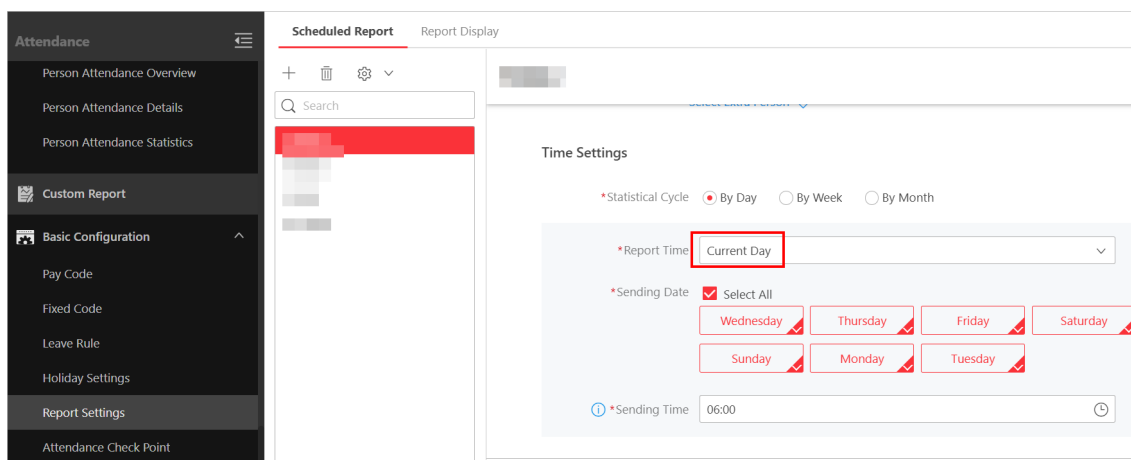


Figure 23-1 Scheduled Report

2. (Web Client) When clicking **Assign Now** for assigning check-in/out area to attendance group but no attendance group is added, a prompt will pop up guiding users to add an attendance group. Users can go to the adding page from the prompt.

Chapter 24 Audio Broadcast

Optimizations

1. (Web Client) On the Speaker Unit Group page, supports setting volumes for scheduled broadcast, live broadcast, alarm linkage broadcast, and emergency mustering linkage broadcast individually, to prevent them from interfering with each other.

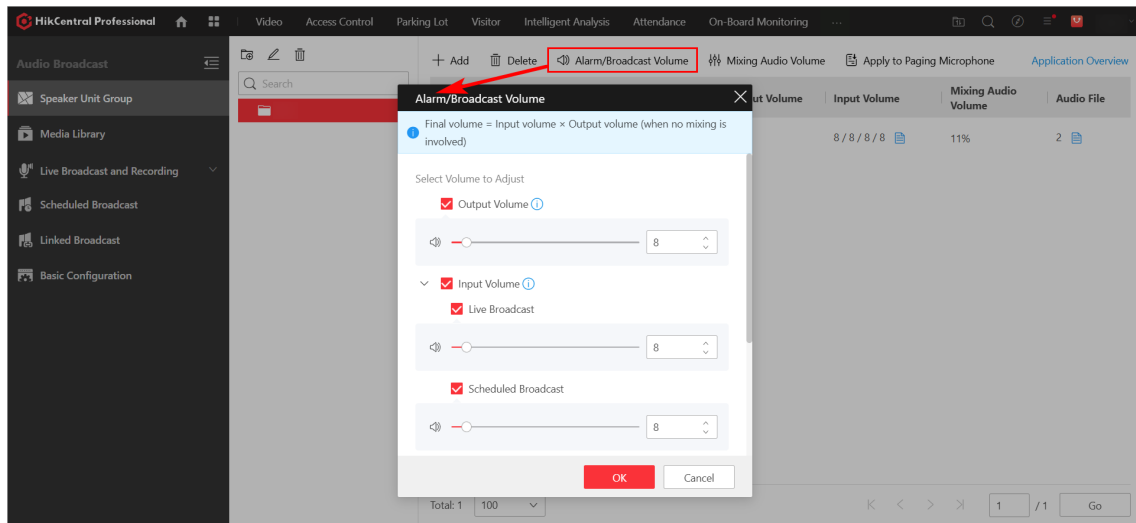


Figure 24-1 Set Volume Individually

2. (Web Client) Supports more languages for custom broadcast content: Russian, English, Spanish, Japanese, Thai, Portuguese (Brazil), Korean, French, and Italian.

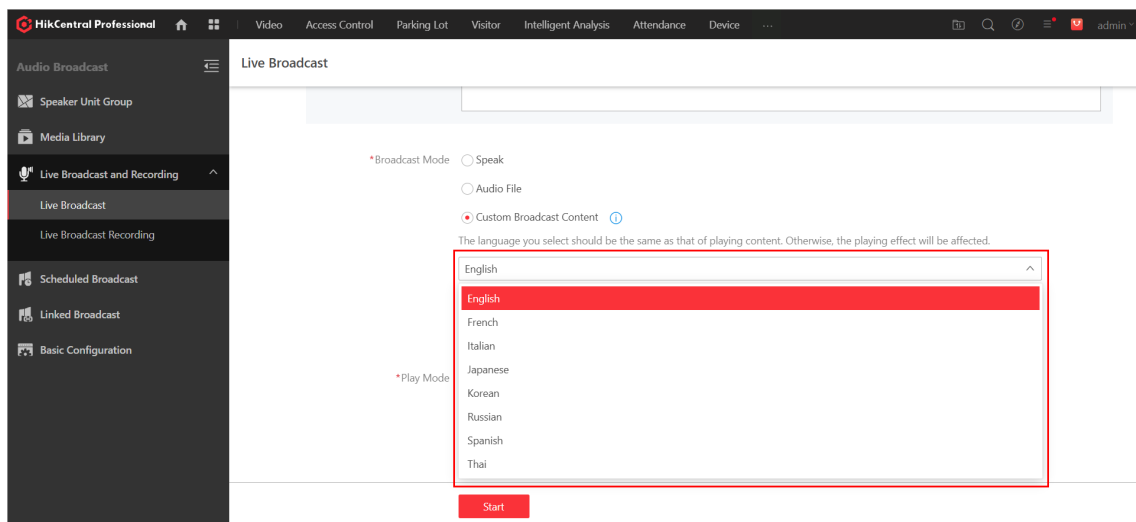


Figure 24-2 More Languages for Custom Broadcast Content

HikCentral Professional V3.1.1 Release Notes

- (Web Client) On the Basic Configuration page, adds a note for configuring a prompt sound for live broadcasts, explaining that the live broadcast will only start after the tone finishes playing.

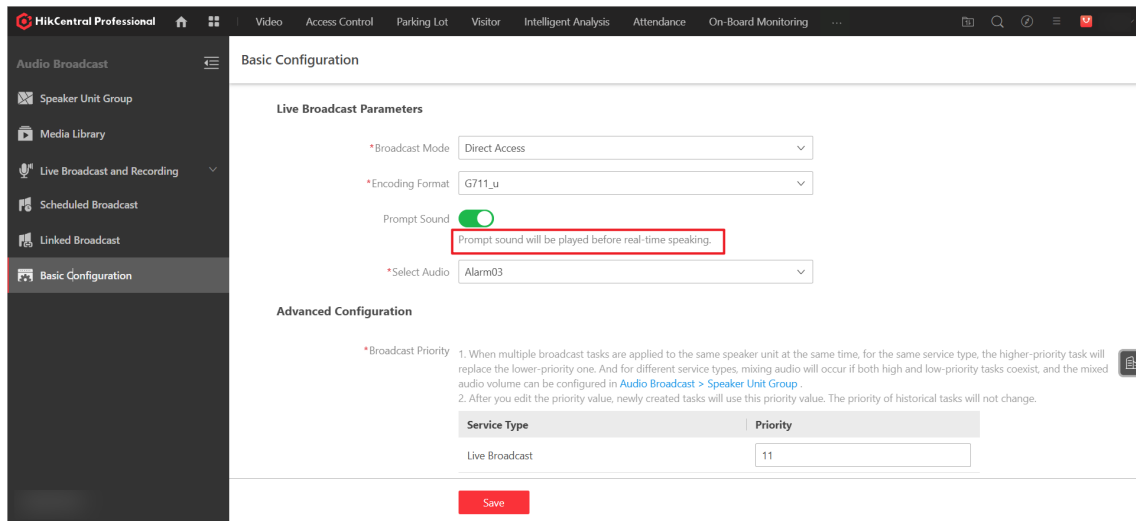


Figure 24-3 Tips for Prompt Sound

- (Web Client) Adds time zone settings when you add an IP speaker. After IP speakers are added, supports batch getting device time zone settings and manually setting time zones.

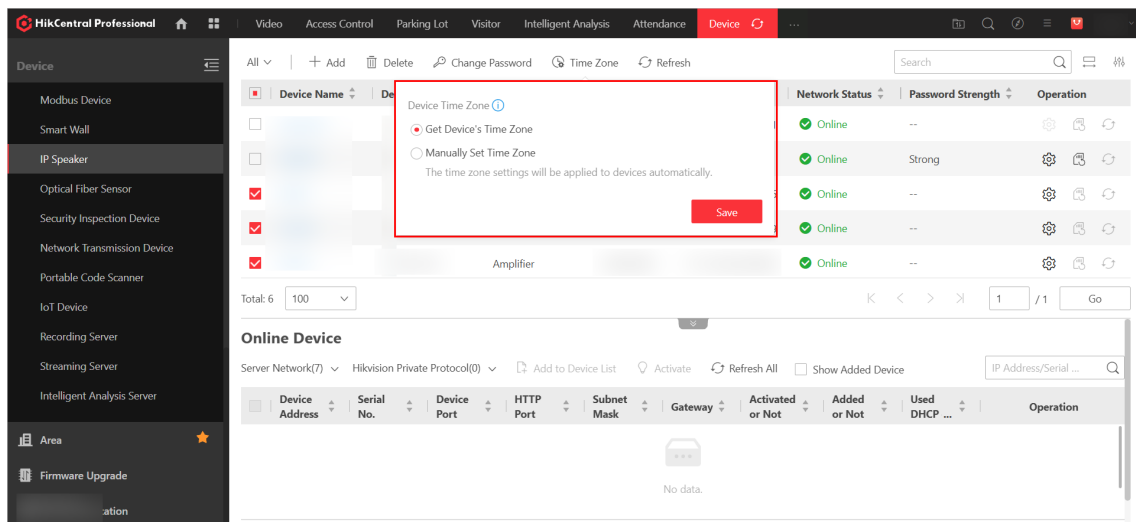


Figure 24-4 Batch Set Time Zone

- (Web Client) Optimizes the media library. Adds duration to the size column and adds a play button in the operation column.

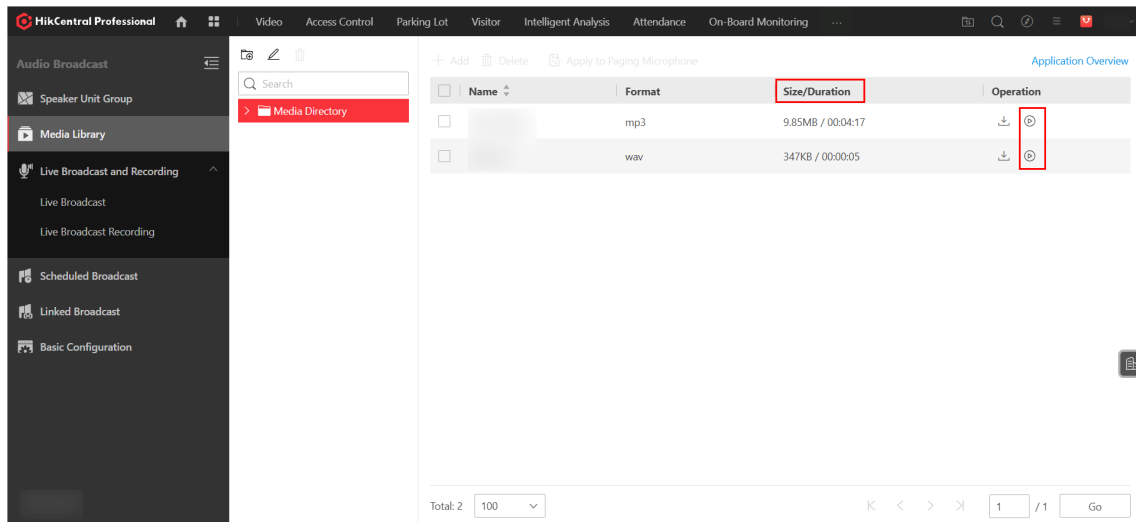


Figure 24-5 Duration and Play Button

6. (Web Client) Optimizes user experience of the Live Broadcast page.
 - a. The interface switches to a dynamic live effect, giving you a clear, intuitive indication that you are now speaking live.
 - b. Adds a prompt of the connecting status. After you click **Start**, if no device is connected yet, the interface will clearly display a Connecting status, preventing the countdown timer from flashing abnormally.

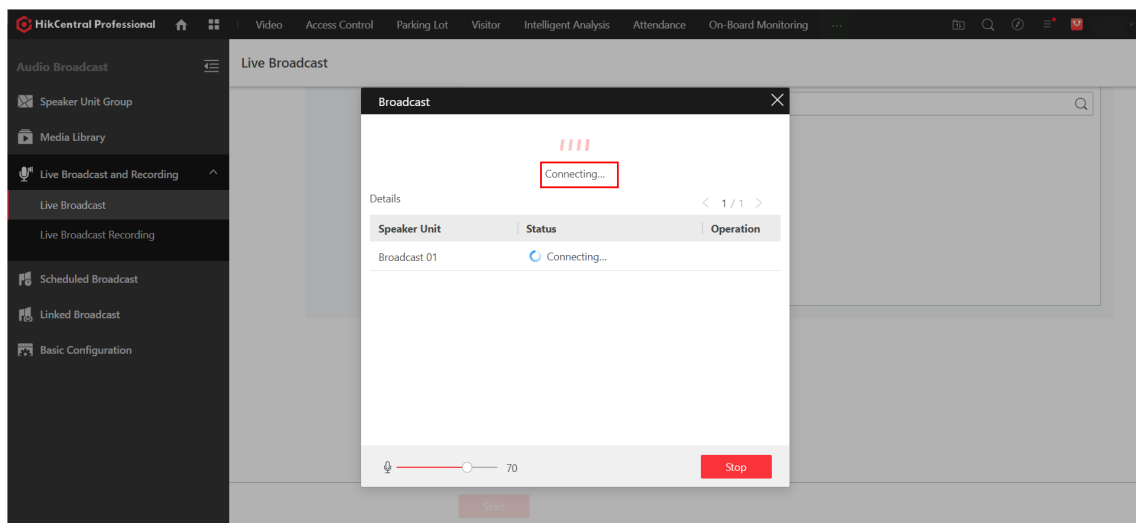


Figure 24-6 Connecting Status

- c. Shows a clear countdown animation, letting you know the system is playing a prompt sound to prepare for the broadcast.

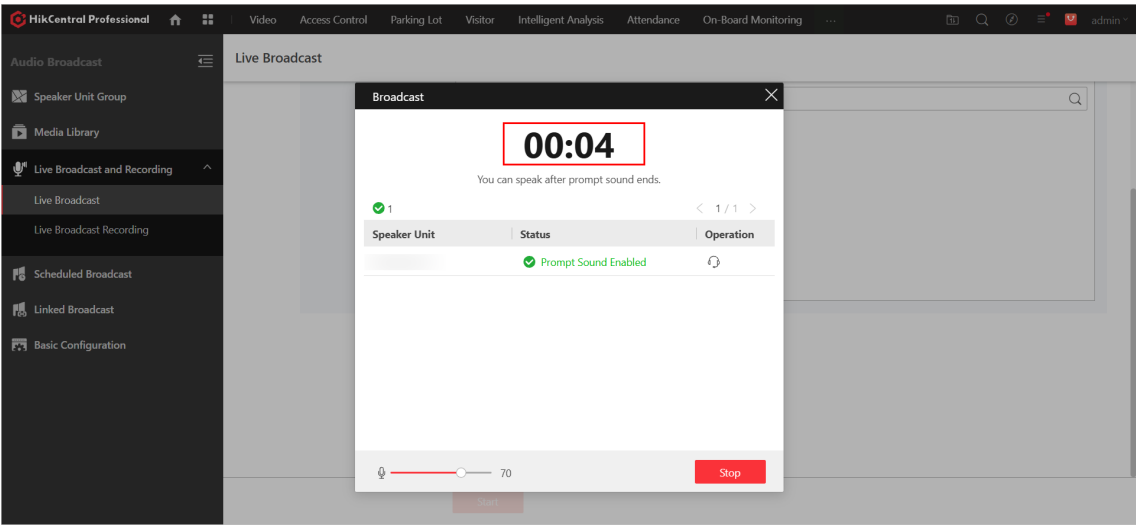


Figure 24-7 Countdown

- d. Adds Device Status Statistics: During a broadcast, a summary of device connection statuses is displayed at the top of the interface, eliminating the need to manually scroll through the device list.

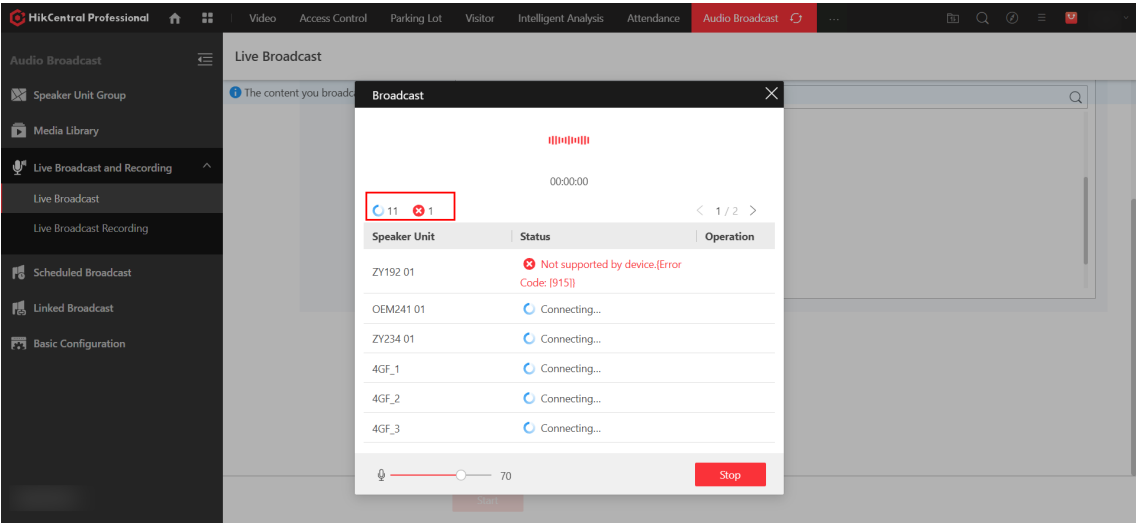
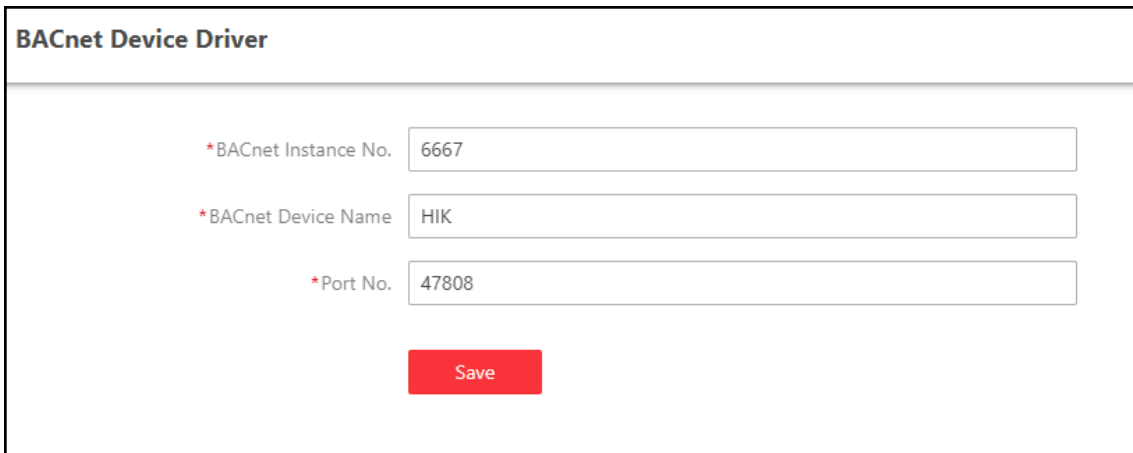


Figure 24-8 Speaking Status

Chapter 25 Third-Party Integration

New Features

1. (Web Client) Adds the "BACnet Device Driver" page, allowing users to flexibly configure core parameters (instance number, port number, and device name) for the BACnet device driver (bacnet.d).

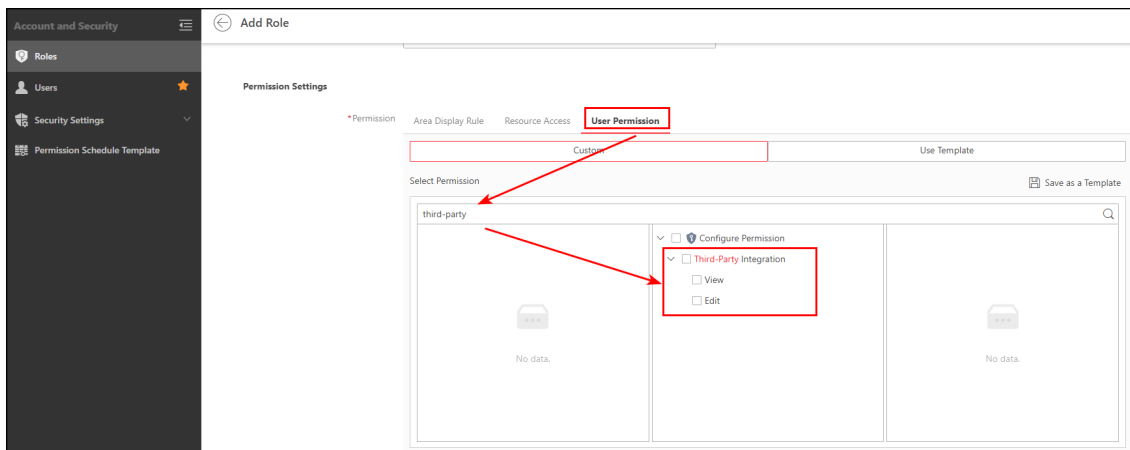


The screenshot shows the "BACnet Device Driver" configuration page. It has a title bar "BACnet Device Driver". Below it, there are three input fields: "*BACnet Instance No." with the value "6667", "*BACnet Device Name" with the value "HIK", and "*Port No." with the value "47808". At the bottom, there is a red "Save" button.

Figure 25-1 BACnet Device Driver

Optimization

1. (Web Client) Supports granular permission control for third-party integration. On Add Role page of the Account and Security module, adds the third-party integration permission configuration.



2. (Web Client) The "SIA Event Access" page has been renamed to "SIA Device Driver" and now includes the following new features:

SIA Device Driver

Sub-Protocol Management Basic Configuration Event Configuration

+ Add Delete ▾ Protocol Name / Protocol ... 🔍

☐	Protocol Name	Protocol ID	Protocol Description	Operation
☐	SIA DC-09	SIA-DCS	This sub-protocol manages user authentication and authorization. It defines ...	
☐	sia	SIA-DCS	--	
☐	CID	SIA-DCS	--	
☐	SIA DC-09 - Copy	SIA-DCS	This sub-protocol manages user authentication and authorization. It defines ...	
☐	WLL-test	123	11111	
☐	11	141	--	

Figure 25-2 SIA Device Driver

- Add/delete SIA sub-protocols for device access and data parsing.
 - Set the SIA device offline threshold. An SIA device will be considered offline once the consecutive missed heartbeats reach the configured value.
 - Add/delete custom event types in addition to the built-in standard SIA event types.
3. (Web Client) Supports exporting BACnet object configurations to an Excel file.

BACnet Gateway

Basic Configuration Object Configuration Object Template

+ Add Delete ▾ Export 🔍 🗨 🔄

☐	Object Name	Source Type	Resource Type	Resource	Object Template	Notify Event
> ☐	Camera 1	Logical Resource	Camera	🔊 1	Network Status(Binary Value)	Yes
> ☐	Camera 2	Logical Resource	Camera	🔊 1	Network Status(Binary Value)	Yes
> ☐	Door 1	Logical Resource	Door	🔊 2	Network Status(Binary Value)	Yes

Figure 25-3 BACnet Object Export

Chapter 26 OpenAPI

1. Supports getting the visitor PIN code.
2. Supports getting current area settings.
3. Supports editing the person's iris information.
4. Supports editing the palm print or palm vein.
5. Supports editing the visitor iris information.
6. Supports searching for people counting statistics by camera / resource group / entrance and exit / store.
7. Supports searching for person feature statistics by camera / resource group / store.
8. Supports getting the intelligent analysis scenario.
9. Supports getting store linked resources.
10. Supports getting store entrances/exits.



See Far, Go Further