



# **HikCentral Professional V1.7.1**

**Release Notes**

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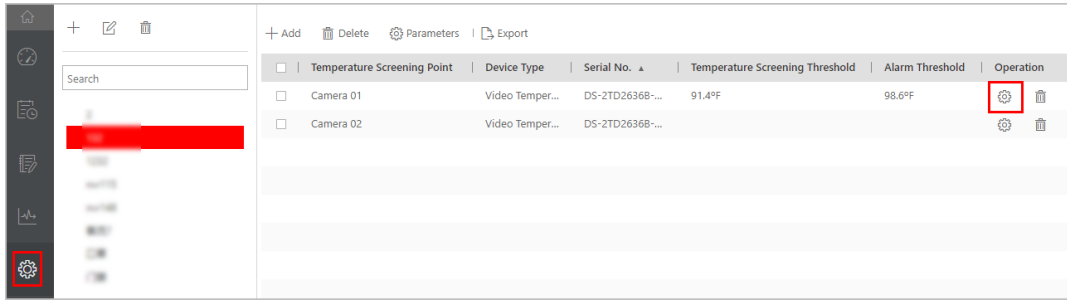
# Chapter 1 What's New

## 1.1 Skin-Surface Temperature Screening

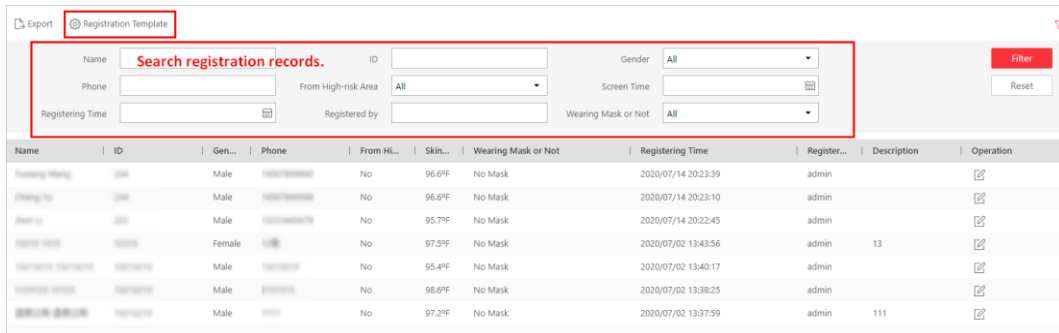
### 1.1.1 Added Features

No.	Feature	Brief Description
1	Device Compatibility	New device models are supported.
2	Real-Time Skin-Surface Temperature Screening	Temperature Screening Configuration, Registration Management, Real-Time Monitoring.
3	Skin-Surface Temperature Analysis	Supports generating and exporting skin-surface temperature analysis report.
4	Person Search	Supports searching captured pictures and matched person by skin-surface temperature and wearing mask or not.
5	Event and Alarm	Added events and alarms related with skin-surface temperature.

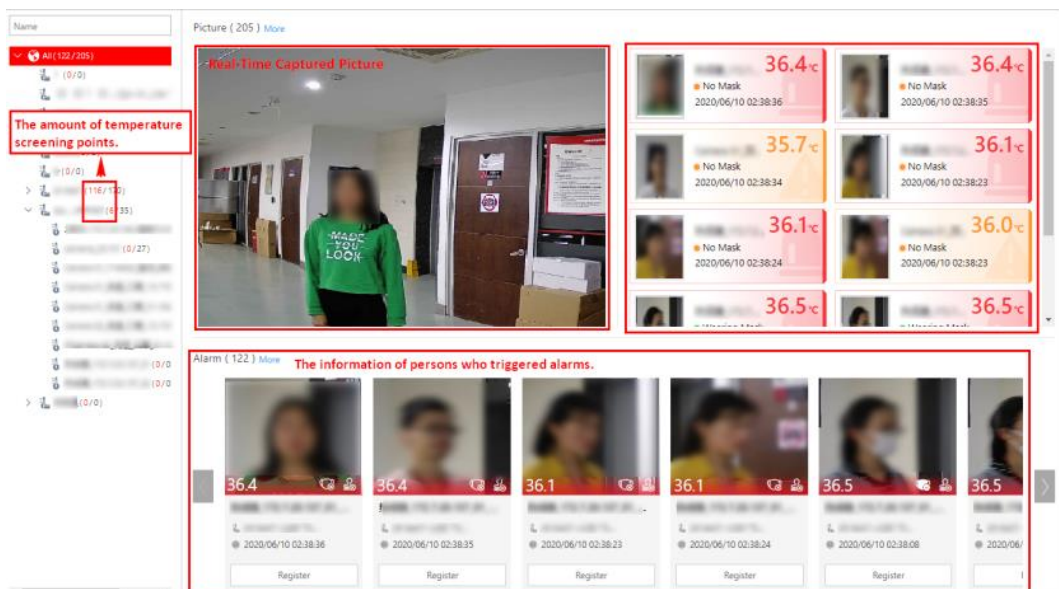
1. Skin-Surface Temperature Screening is a license control module.
2. Supports thermal cameras, people counting cameras, DeepinMind Server, and facial recognition terminals, including thermal cameras, people counting cameras, and facial recognition terminals connected via ISUP protocol. See *Compatibility List of HIKVISION Products* for details.
3. Real-Time Skin-Surface Temperature Screening
  - The Web Client supports temperature-screening configuration, including grouping temperature screening points and configuring temperature screening parameters (temperature screening threshold and alarm threshold).



- The Web Client supports registration management.
  - Supports registering for persons displayed on real-time skin-surface temperature page or history skin-surface temperature page.
  - Supports customizing registration template defining required person information for registration.
  - Supports searching for registration records by various conditions and saving the records in your PC.



- The Web Client supports real-time skin-surface temperature monitoring, which shows the latest captured face pictures marked by different colors, the latest skin-surface temperatures, and mask-wearing detecting results.



- Alarms triggered by abnormal skin-surface temperatures or persons wearing no mask are displayed.

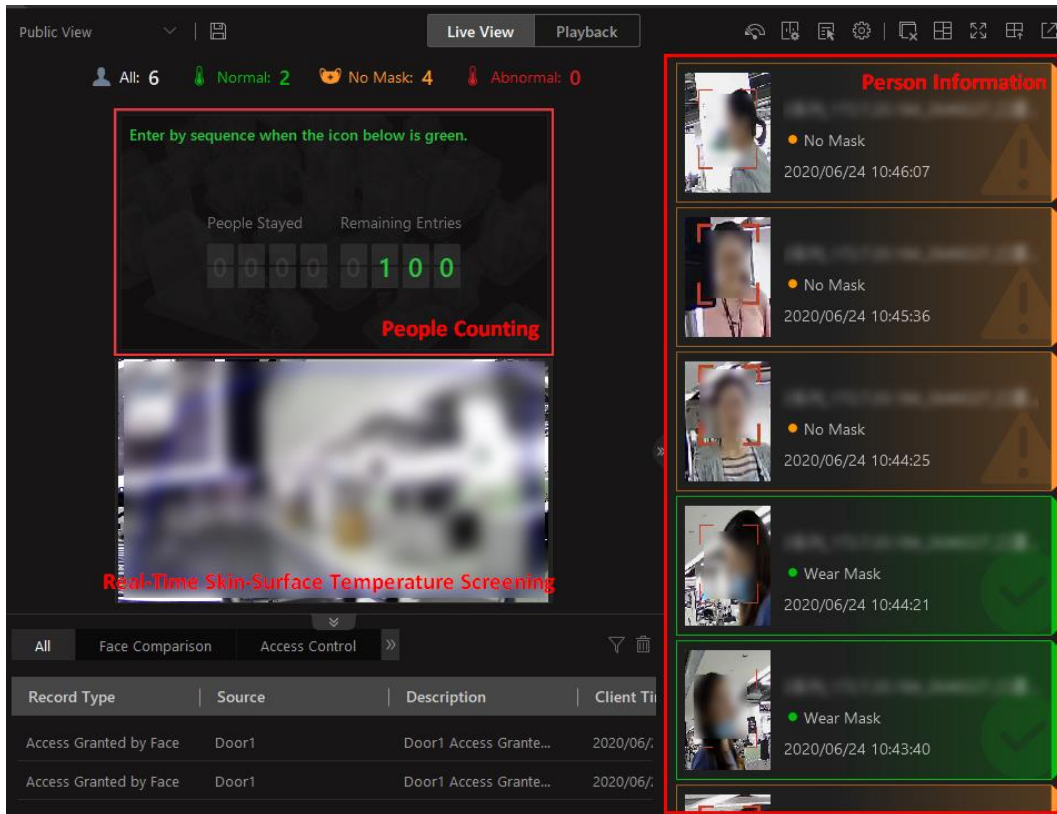
- The Web Client supports registering for persons who triggered alarms.

- The Web Client supports searching history temperature screening data. On the history temperature screening data page, supports filtering persons by various conditions, including start time, end time, skin-surface temperature, etc.

- The Web Client supports generating and downloading skin-surface temperature report which shows skin-surface temperature, mask-wearing detecting tasks, and registered person information.

Search	Skin-surface Temperature	Skin-surface Temperature Statu...	Wearing Mask or Not	From High-risk Area	D...	Picture	Temperatur...	Ten	
All Persons									
Abnormal Temperature									
No Mask	95.7°F	Alarm	No Mask	No			Camera 01	132	
2020/07/14...	Yuxia...	Male	96.6°F	Alarm	No Mask	No		Camera 01	132

- The Control Client supports live view of temperature screening points (including those linked with a door). During the live view, real-time people counting data, captured pictures, face comparison results, and real-time access records will be displayed.
- The Control Client supports displaying detected persons' information, including face pictures, skin-surface temperatures, and wearing mask or not.
- In All event area, you can view details of all the events triggered by face comparison, including skin-face temperature and wearing mask or not.



- The Control Client supports searching access records, captured pictures, and matched persons by temperature status and mask-wearing detecting results.

### Access Record Retrieval

All

Search by

Person/Visitor

Card No.

Person/Visitor

All

Person

Visitor

Search Mode

Select Person

Fuzzy Matching

All Persons

Temperature Status

Normal Abnormal

Wearing Mask or Not

Wear Mask No Mask

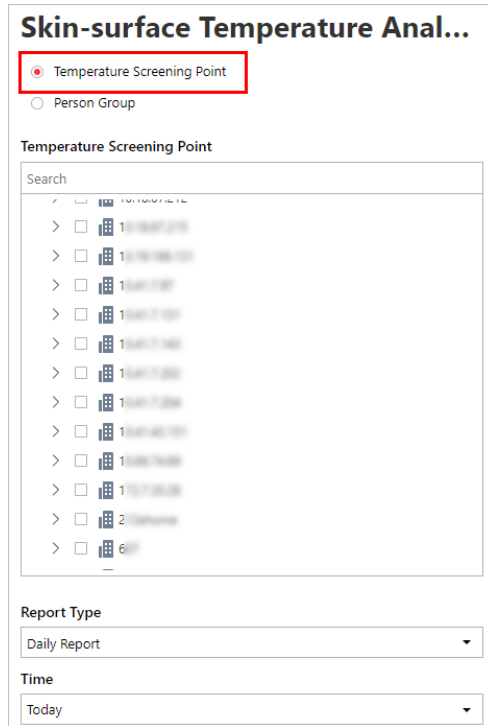
#### 4. Skin-Surface Temperature Analysis

- The Web Client supports displaying skin-surface temperature analysis report on the Dashboard.



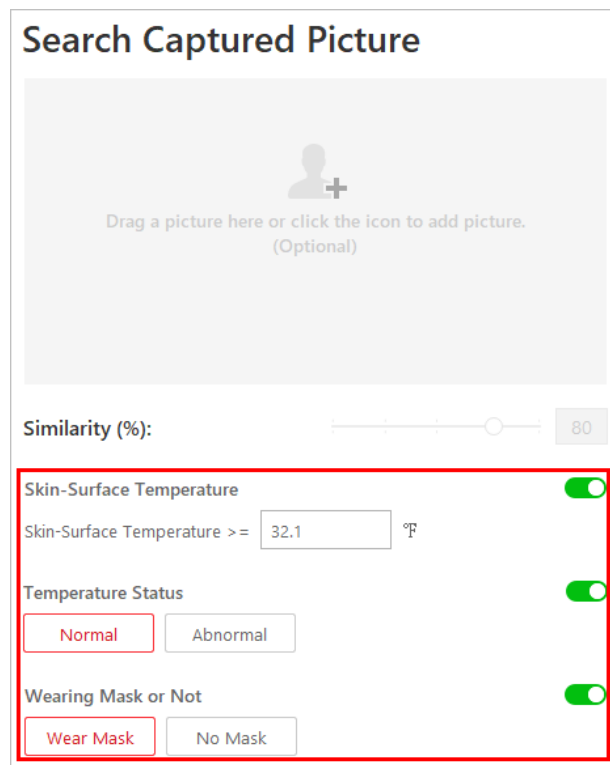
- Both the Web Client and Control Client supports generating skin-surface temperature analysis report showing trend of the number of people whose skin-surface temperatures are abnormal.





5. Person Search

- The Control Client supports searching captured pictures by skin-surface temperature, temperature status, and wearing mask or not.



- The Control Client supports searching matched persons by skin-surface temperature, temperature status, and wearing mask or not.

**Search Matched Person**

Time  
Today

Face Comparison Group

- All Face Comparison Groups
- [Person Icon]
- [Person Icon]
- [Person Icon]
- [Person Icon]
- [Person Icon]
- [Person Icon]
- [Person Icon]
- [Person Icon]

Skin-Surface Temperature

Skin-Surface Temperature >= 32.1 °F

Temperature Status

Normal  Abnormal

Wearing Mask or Not

Wear Mask  No Mask

## 6. Event and Alarm

- The Web Client supports configuring alarms and events triggered by skin-surface temperature.
- The Control Client and the Mobile Client can receive alarms triggered by skin-surface temperature. In the alarm information, temperatures, temperature status, wearing mask or not, and thermal pictures are provided.
- Supports exporting alarm information (including pictures).

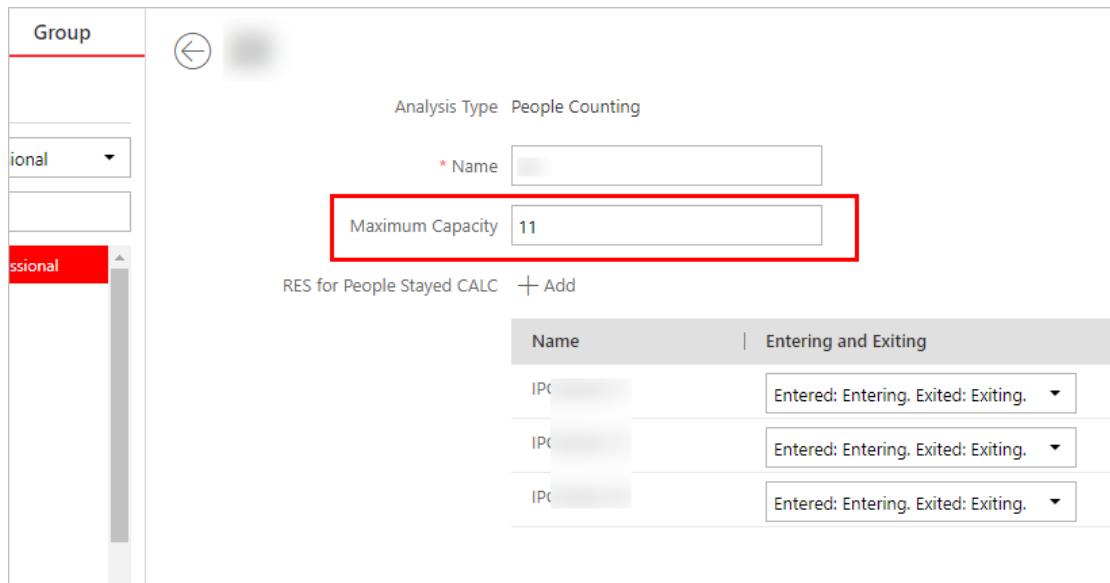
## 7. Data Retention

- The Web Client supports setting retention duration of skin-surface temperature data.
- Supports upgrading customized version to baseline version and upgrading temperature screening version to baseline version.

# 1.2 Real-Time People Counting

## 1.2.1 Updated Features

1. The Web Client supports setting the maximum capacity for people counting groups.



2. The Control Client supports viewing live view of people counting group, which displays the number of people stayed and remaining capacity.
3. The Control Client supports displaying real-time people counting data on the map after adding people counting group to the map.



4. The Control Client supports getting real-time people counting data and manually correcting the number of people stayed.

 **Note**

This function needs to be supported by devices.

5. The Control Client supports displaying real-time people counting data by two languages.

Edit
✕

Correct People Number in Headline 01

For data accuracy, please make sure the cameras in the peo...

Description for Normal Situation

Second Language

Exception Description

Second Language

Headline 01

Second Language

Headline 02

Second Language

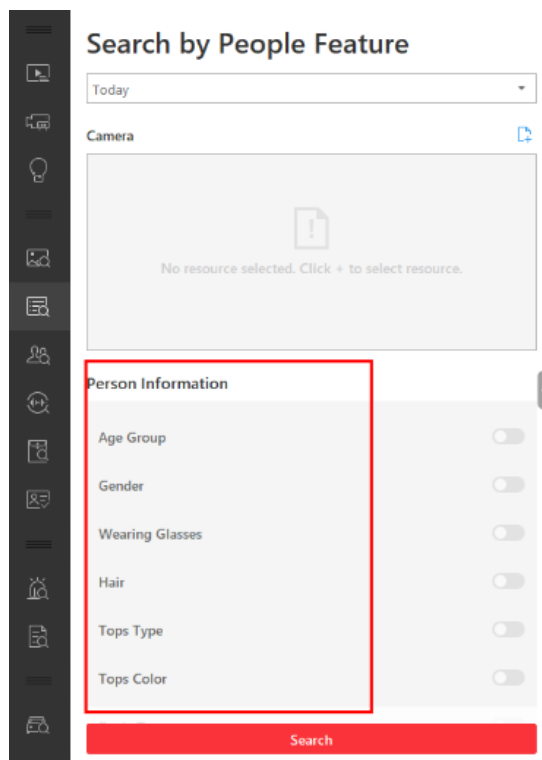
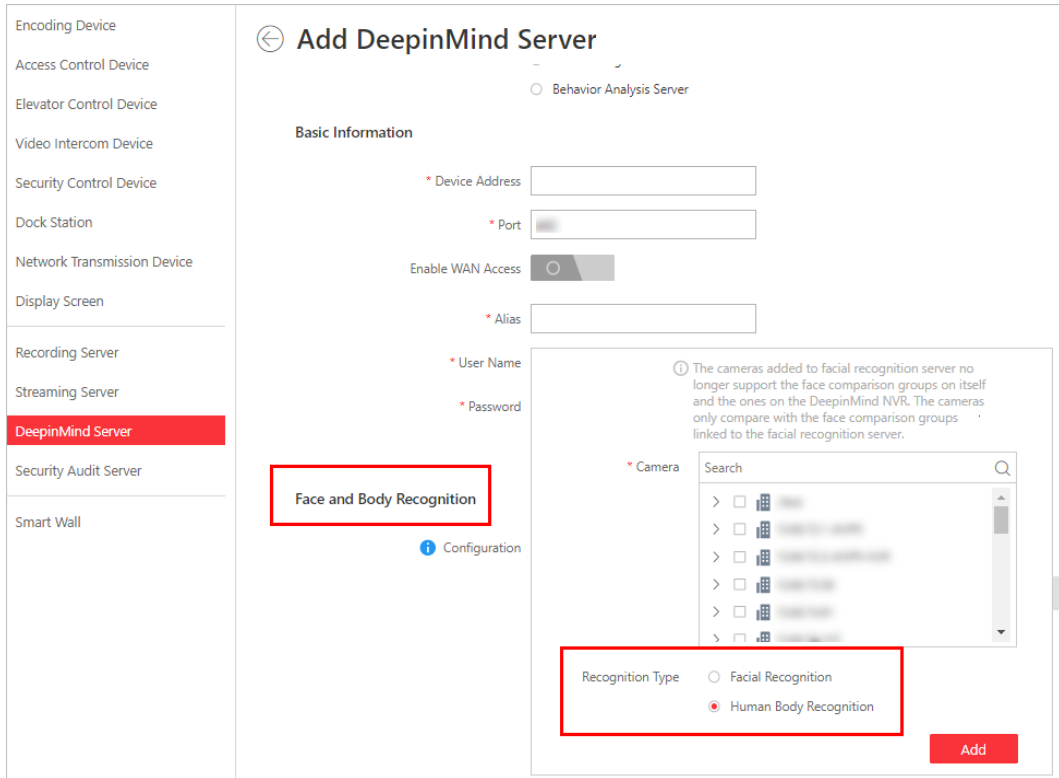
Save
Cancel

6. The Mobile Client supports real-time people counting monitoring.
7. In people counting report (both for one camera and in one region) generated by the Web Client and the Control Client, added **Total** (the sum of data in different time periods) and **People Exited** (the number of people exited) for analytical use.

People Counting in One Region							
Basic Information							
Export Time: 2020/07/01 11:40:05							
Exported by: admin							
Export Content: Enter, Exit							
Report Time: 2020/01/01 00:00:00 - 2020/12/31 23:59:59							
Tables of total people counting: 5							
Tables of Different Time Periods: 5							
No.	Time	Site	Area	Total	Resource Group	People Entered	People Exited
1	2020/01/01 00:00:00 - 2020/12/31 23:59:59					852	1214
2	2020/01/01 00:00:00 - 2020/12/31 23:59:59					852	1214
3	2020/01/01 00:00:00 - 2020/12/31 23:59:59					852	1214
4	2020/01/01 00:00:00 - 2020/12/31 23:59:59					852	1214
5	2020/01/01 00:00:00 - 2020/12/31 23:59:59					747	1119
No.	Time	Site	Area	Total	Resource Group	People Entered	People Exited
1	2020/06/01 00:00:00 - 2020/07/01 00:00:00					852	1214
2	2020/06/01 00:00:00 - 2020/07/01 00:00:00					852	1214
3	2020/06/01 00:00:00 - 2020/07/01 00:00:00					852	1214
4	2020/06/01 00:00:00 - 2020/07/01 00:00:00					852	1214
5	2020/06/01 00:00:00 - 2020/07/01 00:00:00					747	1119

### 1.3 Person Search

Added human body recognition for searching detected persons whose body features match your searching conditions (such as glass-wearing, age group, hair, etc.).



## 1.4 Video

### 1.4.1 Added Features

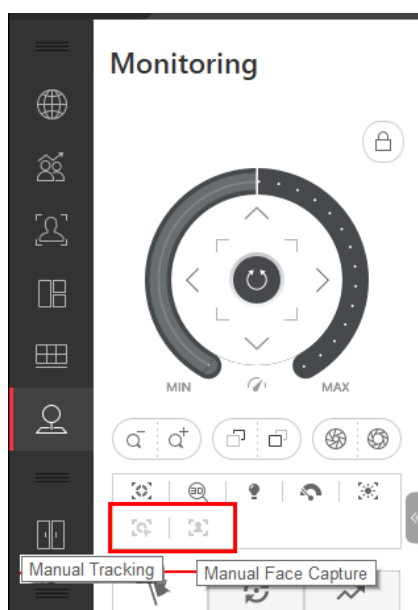
No.	Feature	Brief Description	Client	
			Web Client	Control Client
1	PTZ Control	New icons added.		√
2	Playback Permission	New user permission added.	N/A	N/A
3	Single Frame Playback	Quick switch between single frame playback and reverse playback.		√
4	Shortcut	New shortcuts on PC keyboard for live view added.		√
5	Smart Linkage	Added smart linkage that requires a bullet/box camera to work together with a linked PTZ camera.	√	√

1. On the PTZ Control panel of the Control Client, added Manual Tracking icon and Manual Face Capture icon.

How to operate:

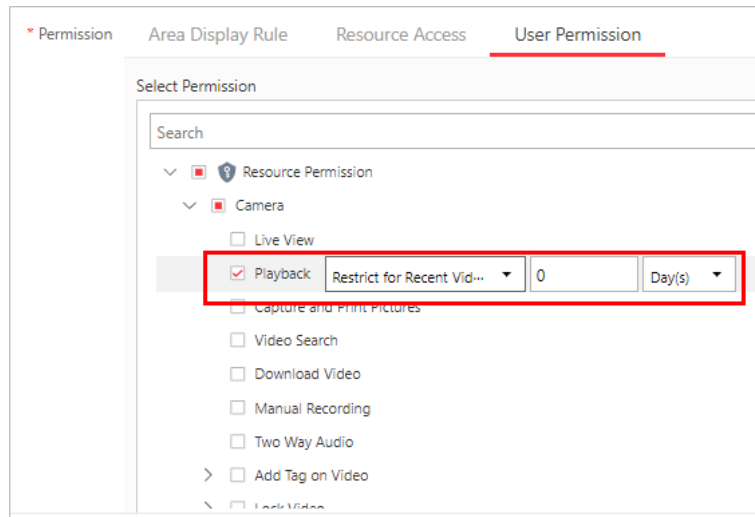
Click Manual Tracking icon and click a face in the image, the camera will track the face automatically. When a wanted person's face appears in the live view image, use this function to view the person's details.

Click Manual Face Capture icon and click a face in the image, the camera will turn to the face and capture a picture. Capture a face picture if you want to compare the face with other faces.

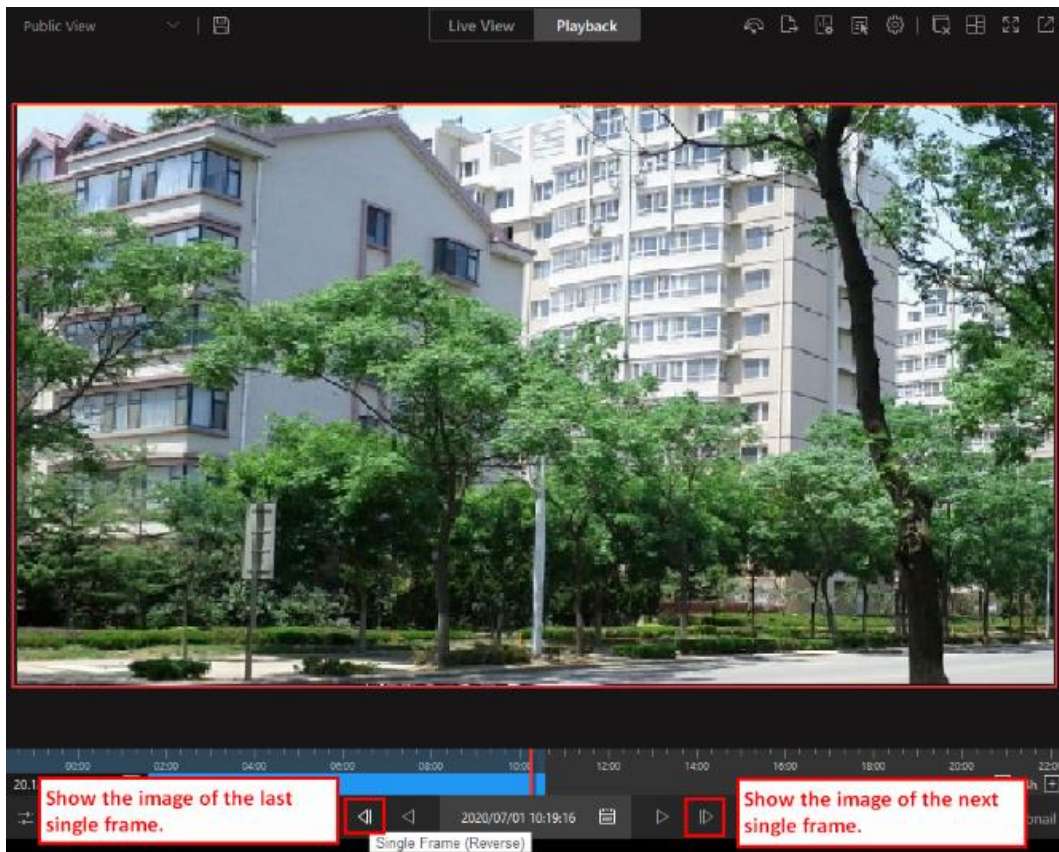


2. On the Add/Edit Role page of Web Client, supports setting time restriction for viewing and downloading videos. It controls the available video's length for a

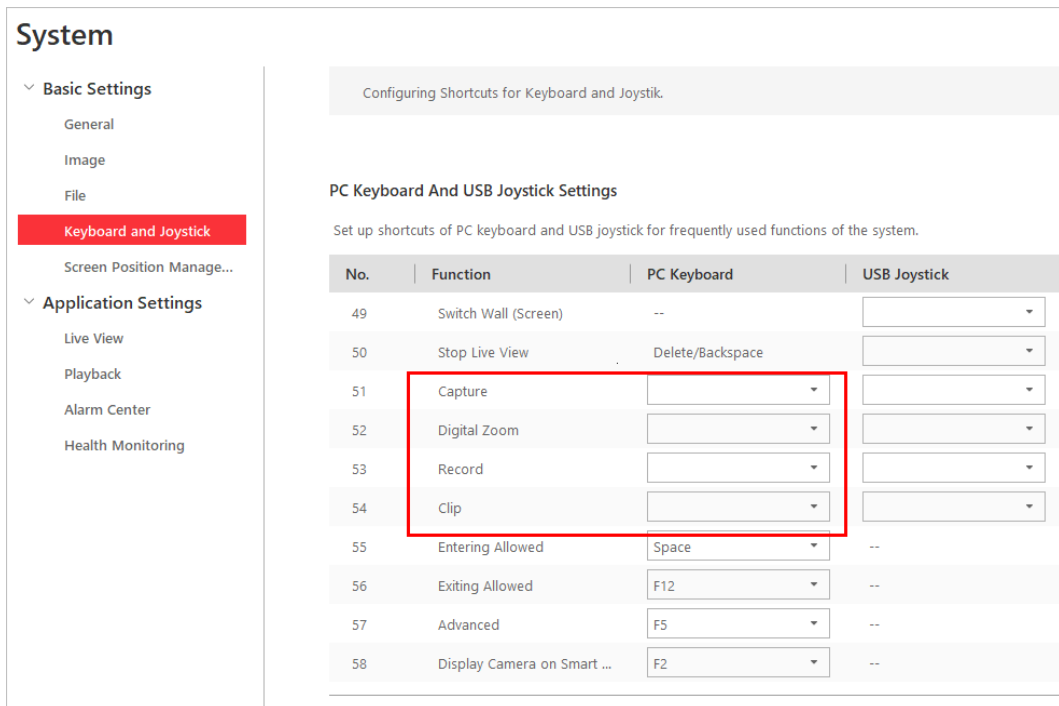
role. For instance, you set 10 minutes for a role’s playback permission; users assigned with the role will only be able to view/download videos of the recent 10 minutes. With this function, you can flexibly control the available video length of certain users with playback permission for security reasons.



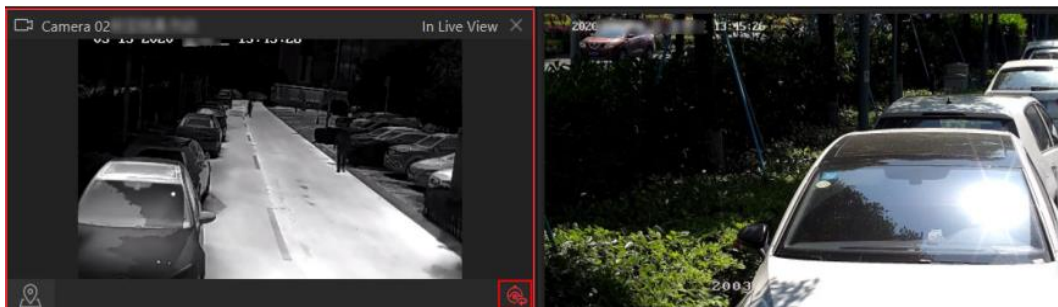
3. The Control Client supports switching between single frame playback and reverse playback quickly during playback. If you need to learn details from the image, try this function.



4. On the Control Client, supports setting shortcuts of PC keyboard for capture, digital zoom, record, and clip. If you use the four functions frequently during live view or playback, you can use shortcuts to call them quickly.



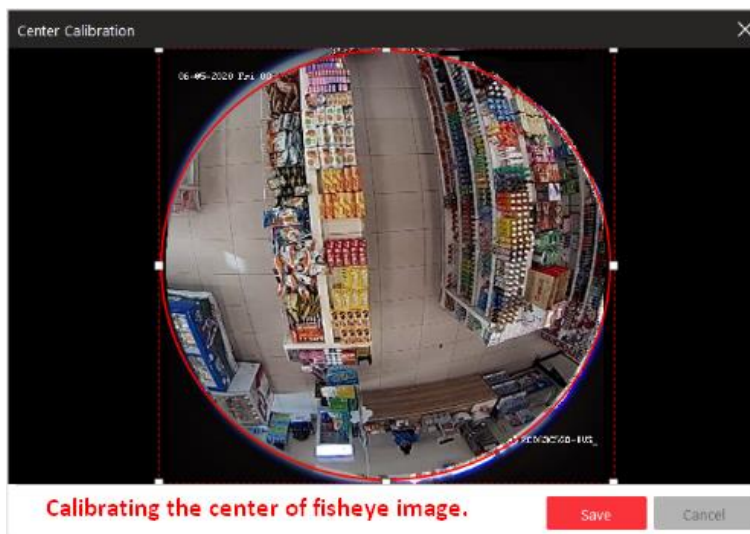
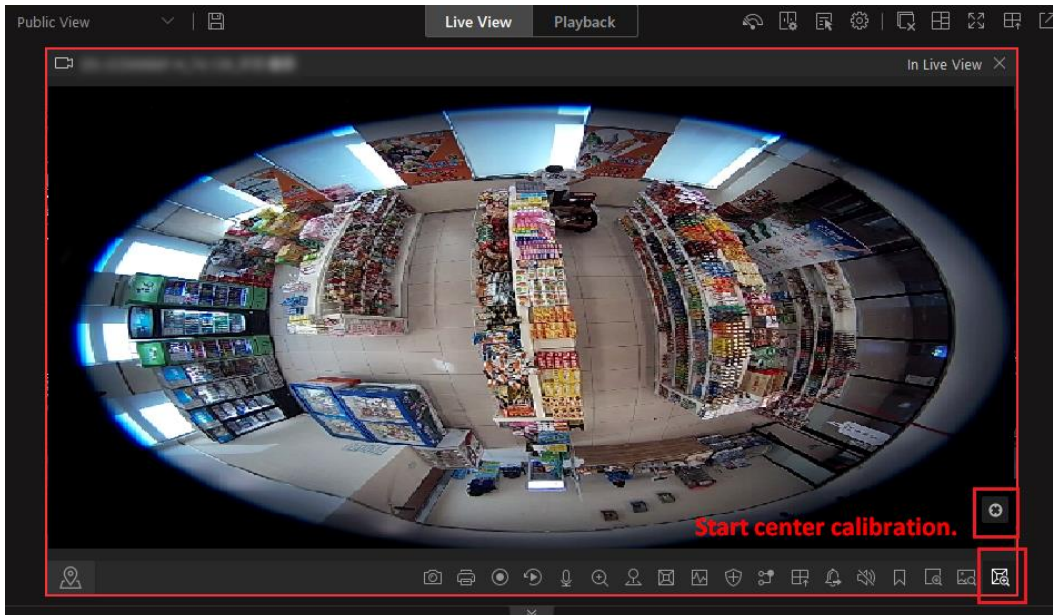
- Added smart linkage that requires a bullet/box camera to work together with a linked PTZ camera. Configure parameters on the Web Client's Edit Camera page and then use this function on the Control Client.



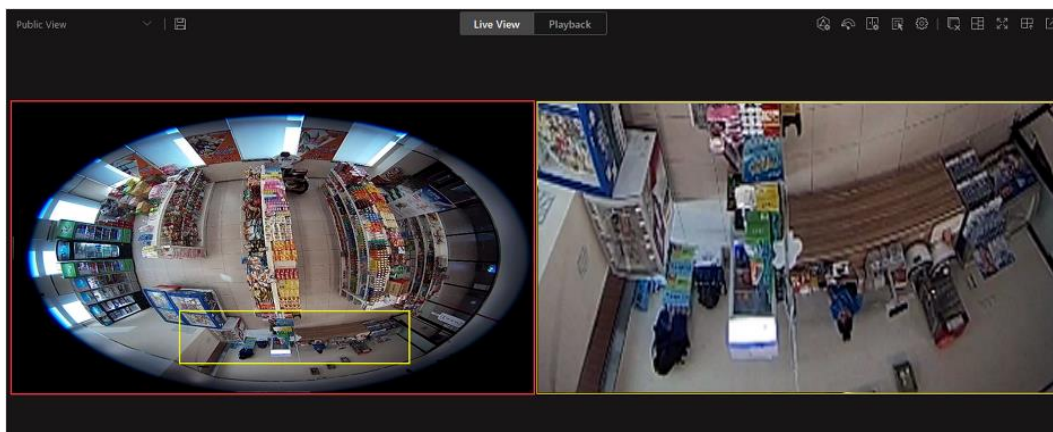
## 1.4.2 Updated Features

- Optimized the quality of live view & playback images.
  - Supports calibrating the center of fisheye image for a better view experience.



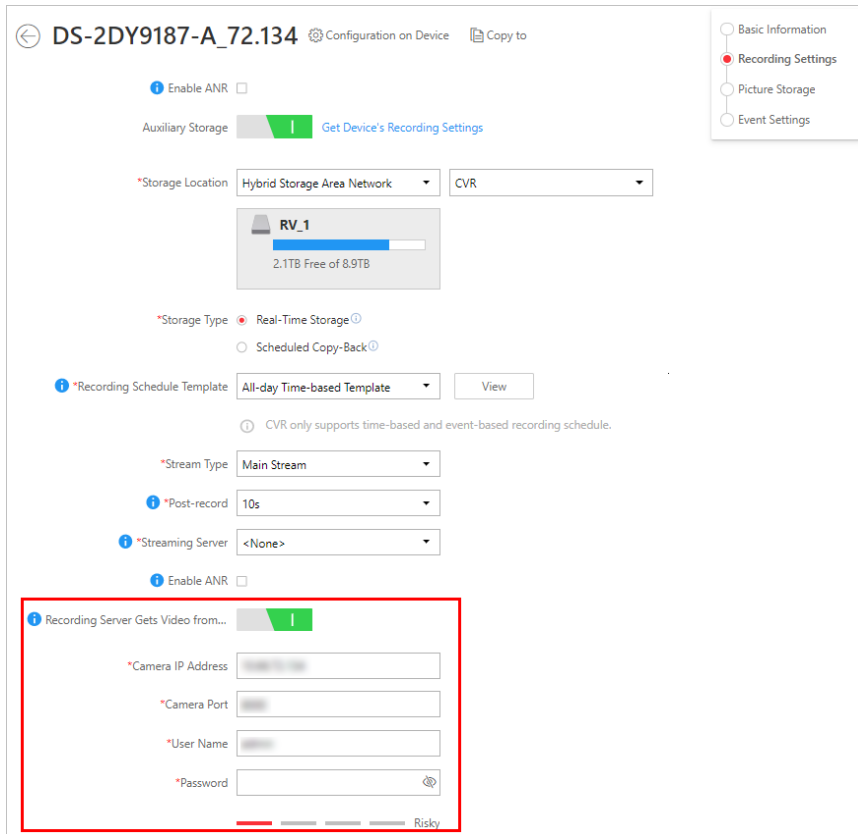


- Supports drawing a (dewarped) zooming area on the live view/playback window (original window) and displaying the drawn area on a new window. This lets you view both details from image of the drawn area and the overall live view image on the original window.



- Supports saving (dewarped) zooming window as a view.

- 2. Supports Recording Server getting video from cameras directly, avoiding the risk that if the NVR camera connected is offline, the recording server cannot get video from the offline NVR.



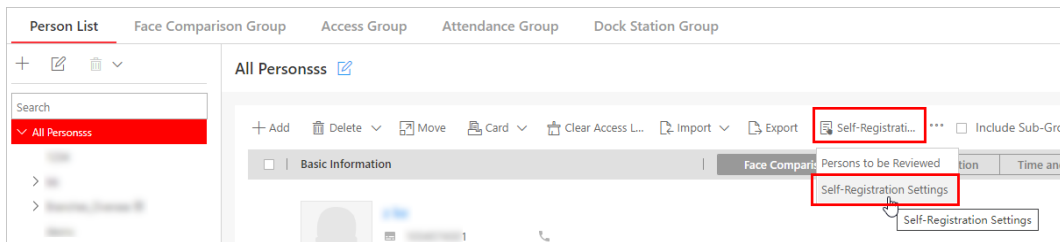
## 1.5 Access Control and Attendance

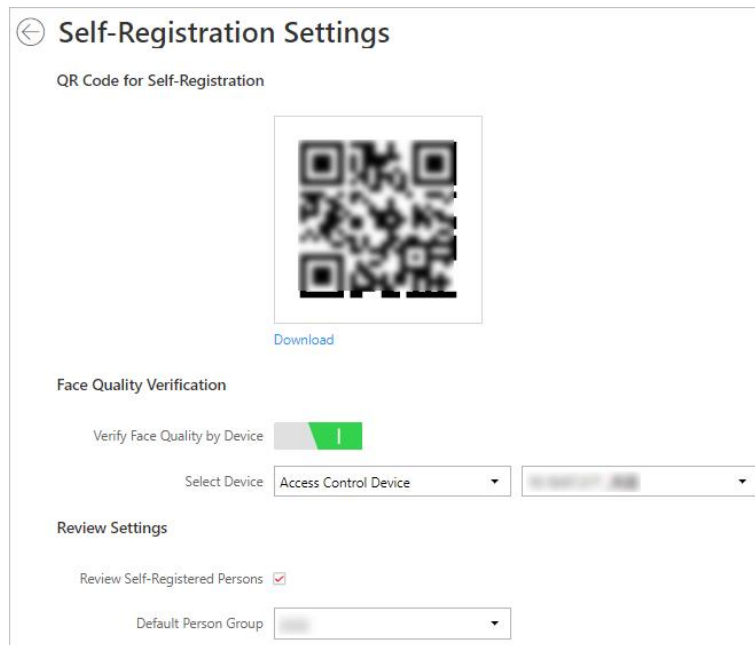
### 1.5.1 Added Features

No.	Feature	Brief Description	Client	
			Web Client	Control Client
1	Person Self-Registration	Supports persons to be added scanning QR code and providing personal information to register.	√	
2	Access Level	Supports clearing access levels of persons without access records for a certain duration.	√	
3	Person Search	Supports searching persons by reading cards.	√	
4	Anti-Passback Forgiving	Supports forgiving anti-passback regularly or when an alarm is prompted.	√	√
5	Alarm Input Linkage	Supports linking alarm input to system-monitored events and alarms.	√	
6	Printer Linkage	Supports linking printers to alarm.	√	
7	Video Intercom	Supports answering calls from an indoor station.		√
8	Video Intercom	Supports recording audio during video intercom		√
9	Batch Importing Person Information	Supports importing person information from video intercom devices.	√	
10	Access Control Alarm on Map	Supports displaying alarms of doors on the map.	√	√
11	Detector Alarm on Map	Supports displaying alarms of detectors on the map.	√	√
12	Attendance Shift Schedule	Supports setting multiple timetables for one day's attendance.	√	
13	Attendance Report	Added break report.	√	
14	Access Records	Supports dumping access records to SFTP regularly.	√	
15	Access Records	Supports selecting format for dumped access records.	√	

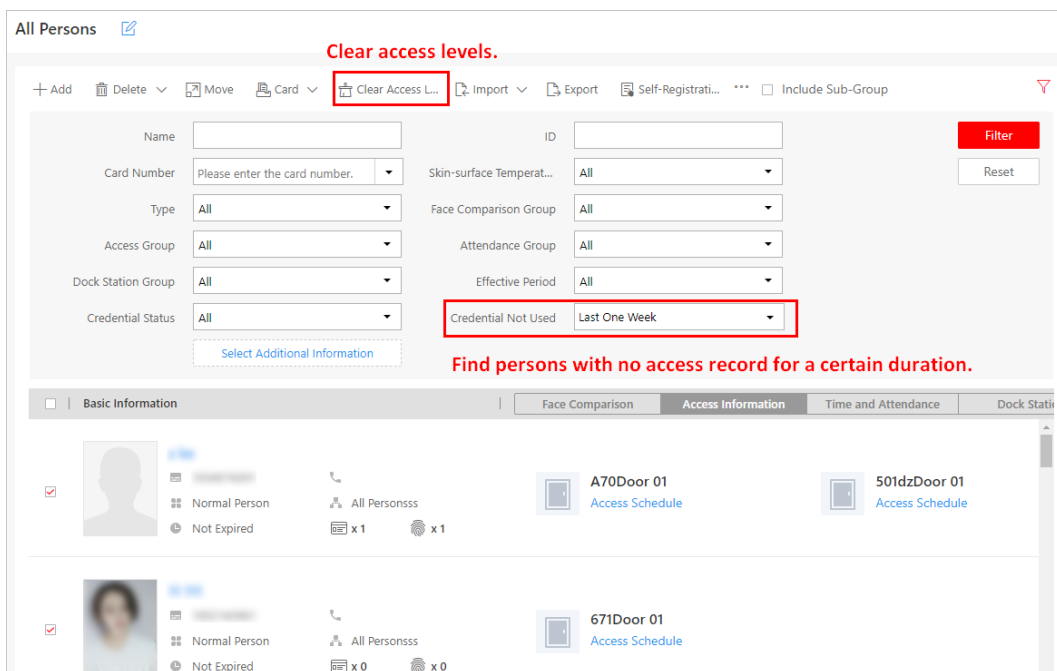
No.	Feature	Brief Description	Client	
			Web Client	Control Client
16	Third-Party Database Integration	Supports integrating with Oracle V12.2.0.1 and later.	√	
17	Visitor Self-Service Check-Out	Supports visitors checking out at self-service check-out points by themselves.	√	
18	Visiting Times	Supports setting valid times for visit.	√	
19	Device Compatibility	Supports two models of visitor terminal.	√	√
20	Visitor Access Level	Supports multiple ways of visitor access level application.	√	
21	Visitor Tracking	Supports finding a visitor who has not checked out yet by information contained in visitor record.	√	

1. The Web Client supports persons to be added scanning QR code and providing personal information to register. After the admin user reviews and approves the personal information, the person will be added to the system.

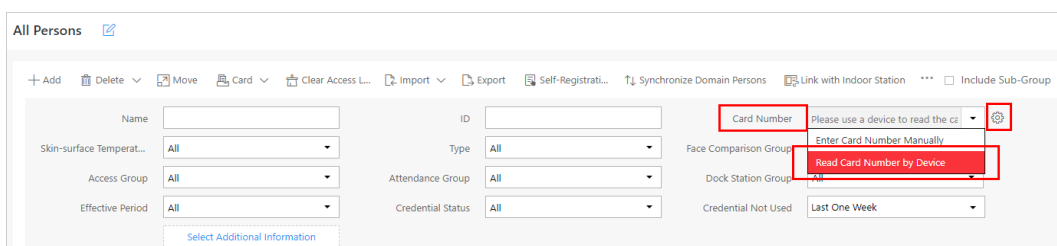


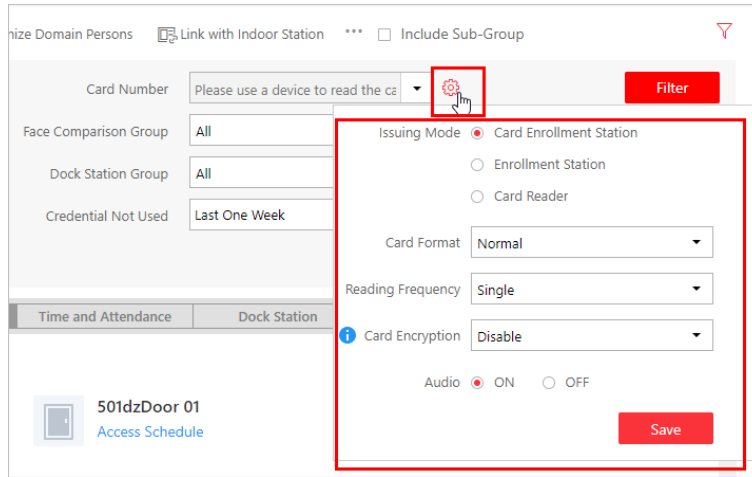


- The Web Client supports searching for persons without access records for a certain duration and clearing their access levels.



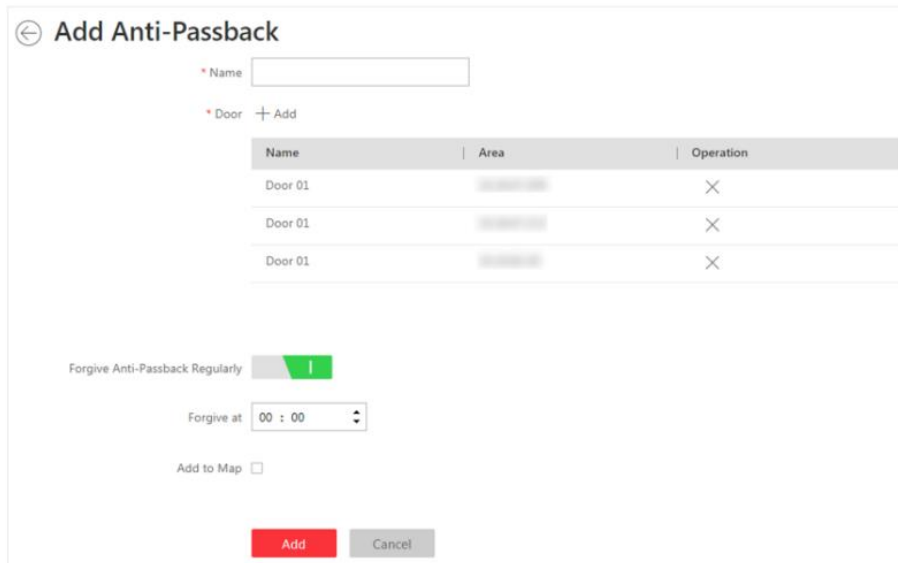
- Supports searching for a person by reading the person's card with a card enrollment station.

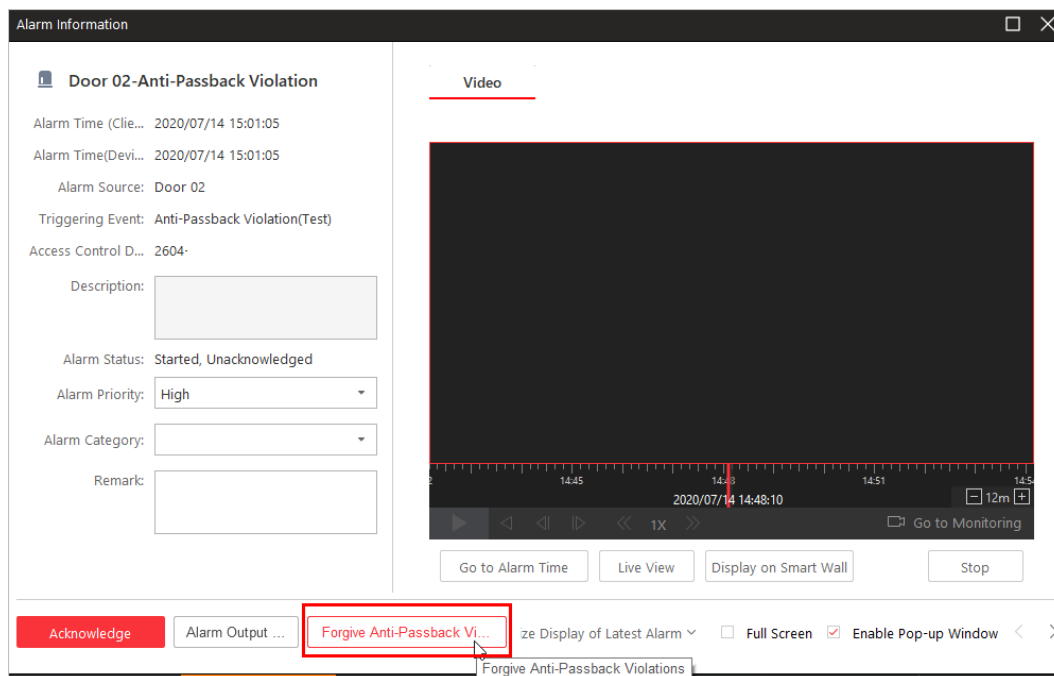




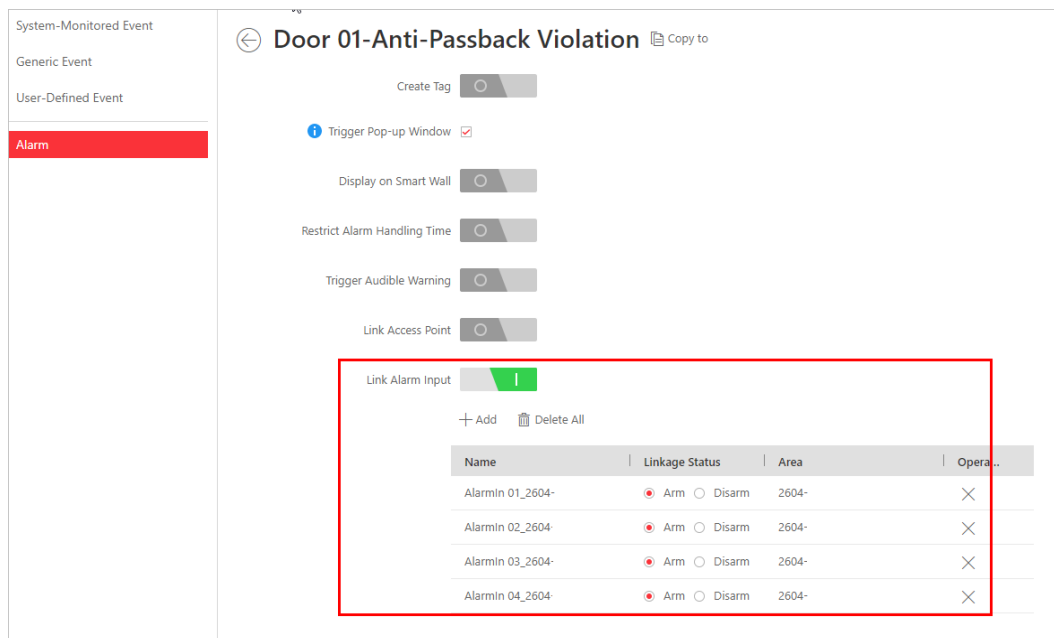
4. The Web Client supports forgiving anti-passback regularly.

The Control Client supports forgiving anti-passback on the prompted alarm information window.

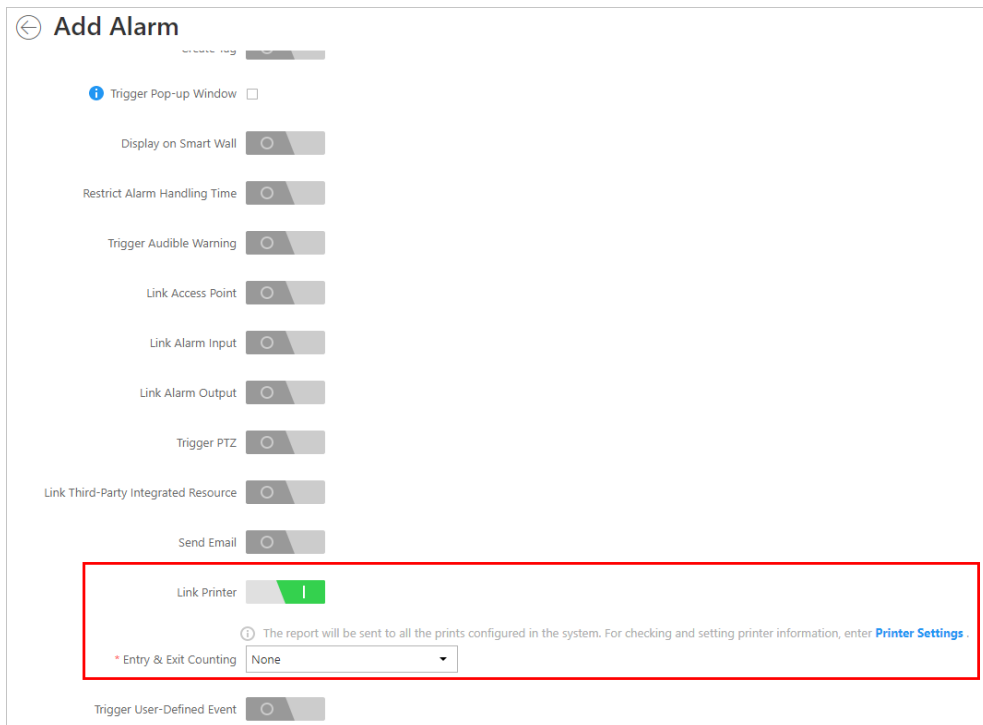
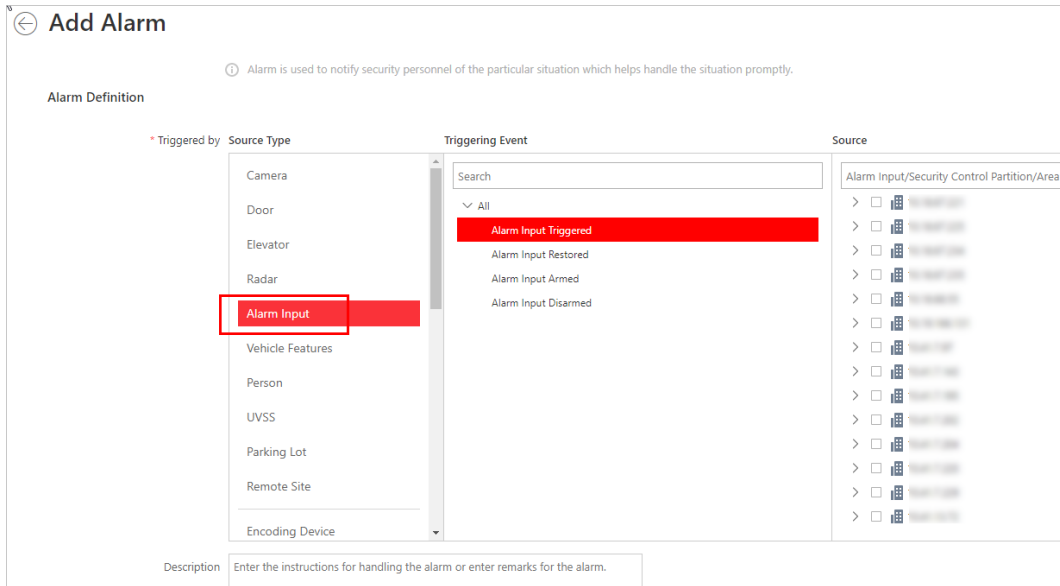




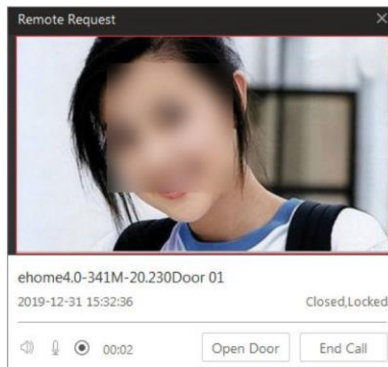
- Supports linking alarm input to system-monitored events and alarms. The selected alarm inputs will be armed or disarmed when an alarm is triggered.



- When adding an alarm triggered by alarm input, supports linking printers to the alarm. Once the alarm is triggered, the printer will automatically print person list. This function is applicable to scenarios such as a building on fire. The platform will send entry & exit counting report to all the printers configured in the system to provide critical information like stuck persons' names, profiles, locations, etc.

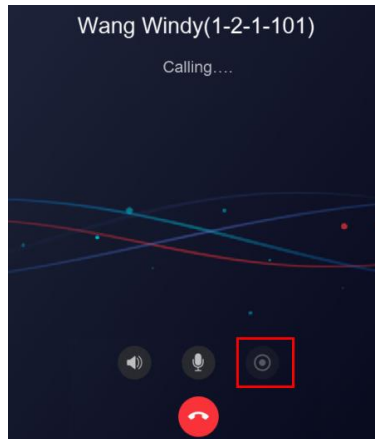


7. The Control Client supports answering calls from an indoor station.

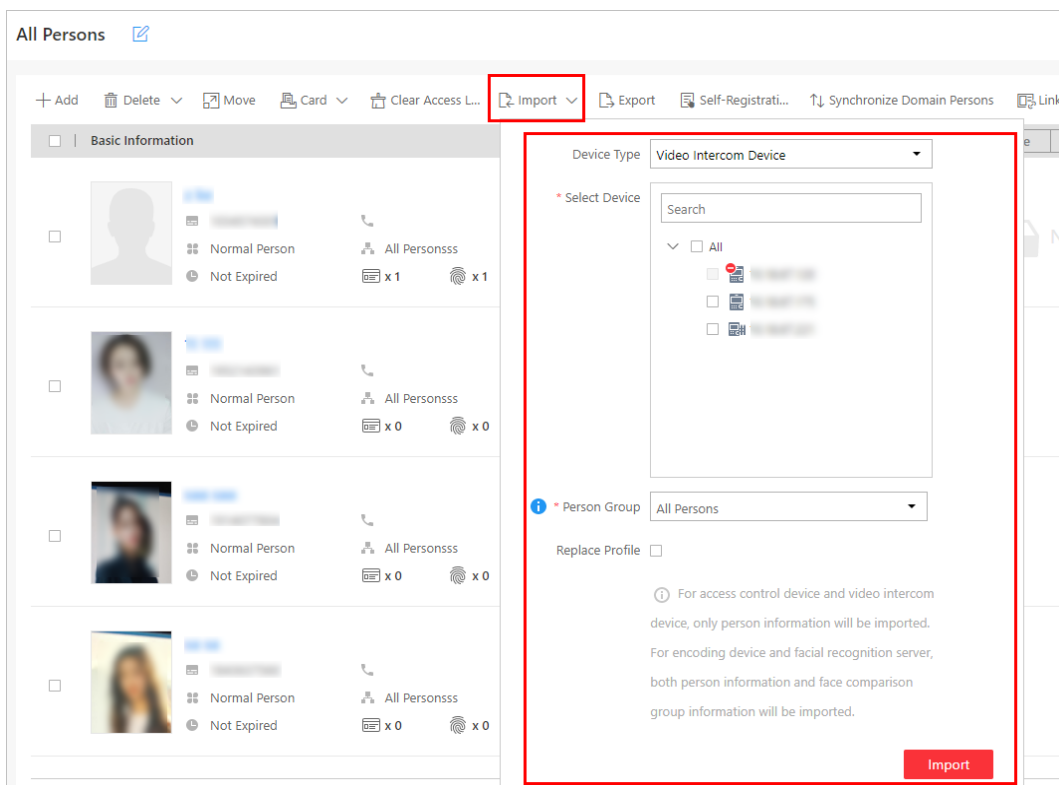




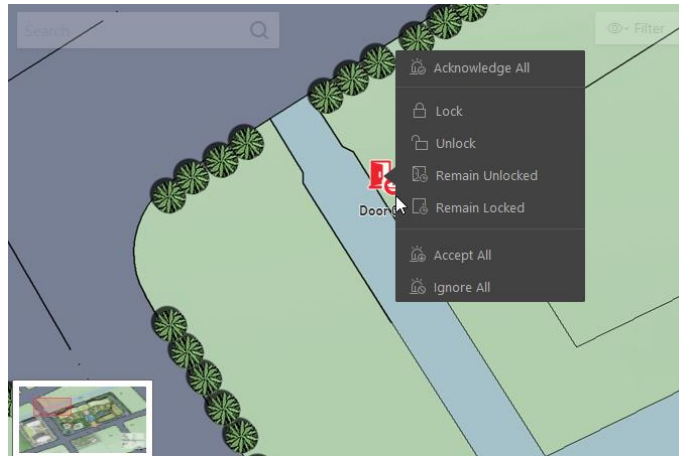
- The Control Client supports recording audio during video intercom with an indoor station.



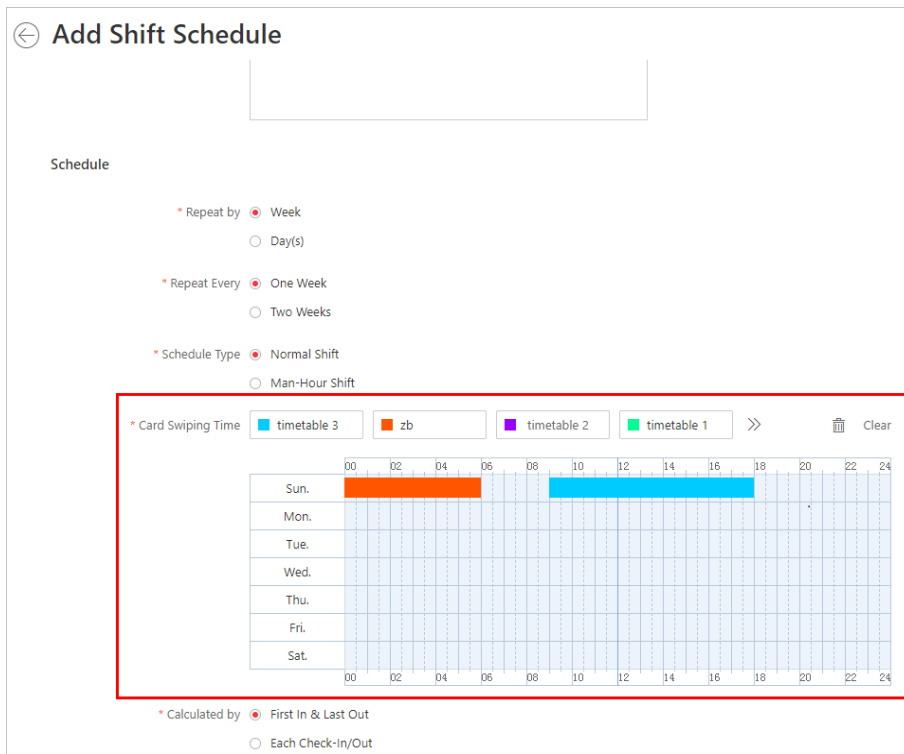
- The Web Client supports importing person information (including card numbers, fingerprints, and profiles, etc.) from video intercom devices.



- Supports viewing alarms triggered by doors on the map



11. On the map, supports viewing alarms triggered by alarm input (including PIR, door contact, smoke detector, etc.) hot spots.
12. Supports setting multiple timetables for one day's attendance.



13. Added Break as a new attendance report.

### Attendance Report

Report Template

\* Report Type

Normal Attendance	Department Report
Abnormal Attendance	Daily Report
Overtime	Monthly Overview
	Access Records
	Start/End Work Time
	First/Last Access
	Break

Export Settings

\* Attendance Group: All

\* Timetable: 2020/05/11-2020/05/11

\* Format: PDF

The previous 30,000 attendance records will be exported while the exceeded ones will not.

**Export**

14. Supports dumping access records to SFTP regularly.

### Data Interchange

Data Synchronization I

Resource for Card Swiping + Add Delete All

Name	Resource Type	Belong to Area	Operation
A70Door 01	Access Point	A70-测温冒烟勿动	×
501dzDoor 01	Access Point	501道闸-冒烟勿动	×

Total 2 Record(s) 50 < > >> 1 / 1 Go

Type  Database Synchronization  Access Record Dump

\* File Name:

The file should be in CSV or TXT format.

Storage Location  Local Storage  SFTP Storage

\* SFTP Address:

\* Port:

\* User Name:

\* Password:

Path:

15. Supports selecting TXT or CSV as format of dumped access records.

### Data Interchange

Path

\* Content `$(Person ID)$(First Name)$(Last Name)$(Person Group)$(Access Time)$(Access Date)$(Attendance Status)$(Device Name)$(Device Serial No.)$(Access Mode)$(Temperature)`

Click following items to add content for display.

Person ID	First Name	Last Name
Person Group	Access Time	Access Date
Attendance Status	Device Name	Device Serial No.
Access Mode	Temperature	

Click following items to add separators.

Tab	;	,
-----	---	---

**i** Min. Length of Person ID

\* Length (Bit)

\* File Format  CSV  TXT

\* Dump Frequency

\* Dump Time

16. Supports integrating with Oracle V12.2.0.1 and later.
17. Supports setting self-service check-out point for visitors, and visitors can check out at the point by themselves.
18. Supports setting valid times for visit which means the maximum times a visitor can enter/exit certain doors by QR code authentication.

19. Supports two visitor terminals: DS-K5032-D/DS-K5032-3XFD with functions including visitor registration, visitor check-out, viewing visitor details, and exporting visitor information.
20. By default, visitors' access level will be applied to devices once they are added. If failures occurred, you can apply the access level manually by the Web Client.
21. Supports finding a visitor who has not checked out yet by information contained in visitor record, including location of last access, entering location, exiting location, etc.

Visitor Registration		Visitor List		Visitor Record		Access Group		Settings	
Basic Information		Visitee	Visit Reason	Location of Last Access	Entering Time	Entering Location	Exiting Time	Exiting Location	Status
		Business			2020/06/10 14:33:44				Registered
		Business			2020/06/10 14:32:02				Registered

## 1.5.2 Updated Features

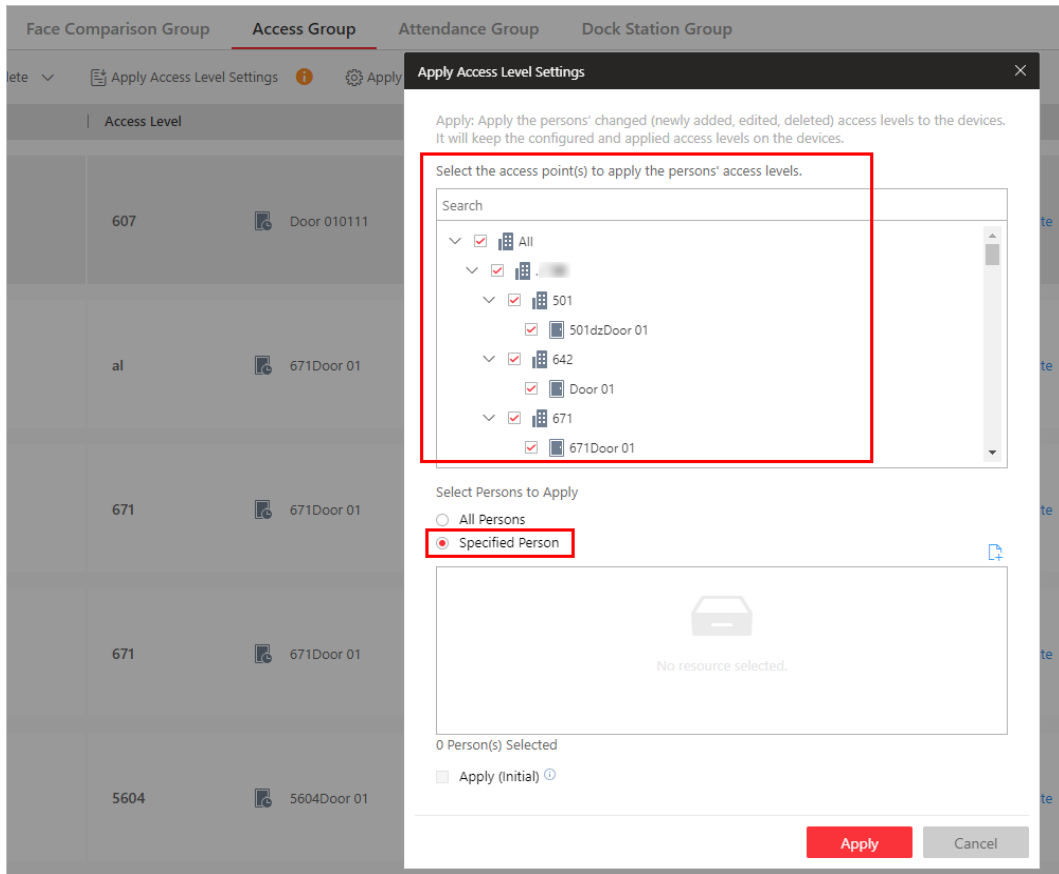
1. Supports adding up to 1024 access points.
2. Supports searching access record by card No.

- Deleted the Working Mode settings of facial recognition terminal.

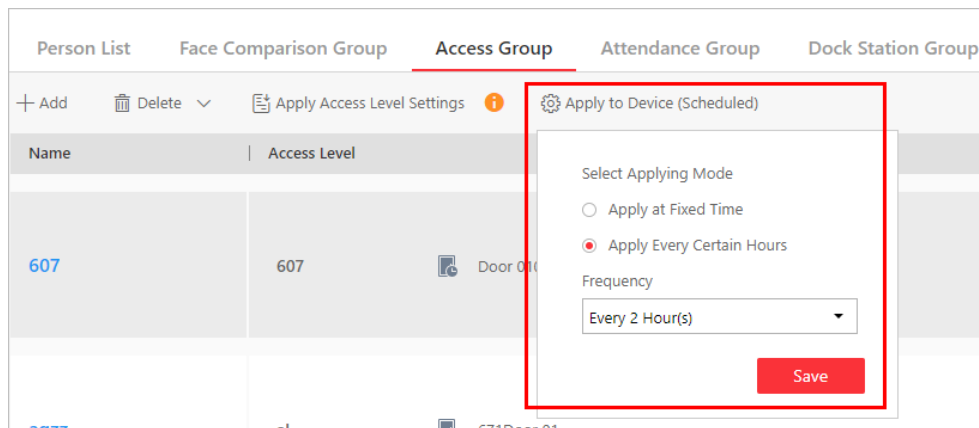
 **Note**

To control a contact, add a facial recognition terminal on the Access Control Device page of Logical View; to control a barrier gate, add a facial recognition terminal on the Door page of Physical View.

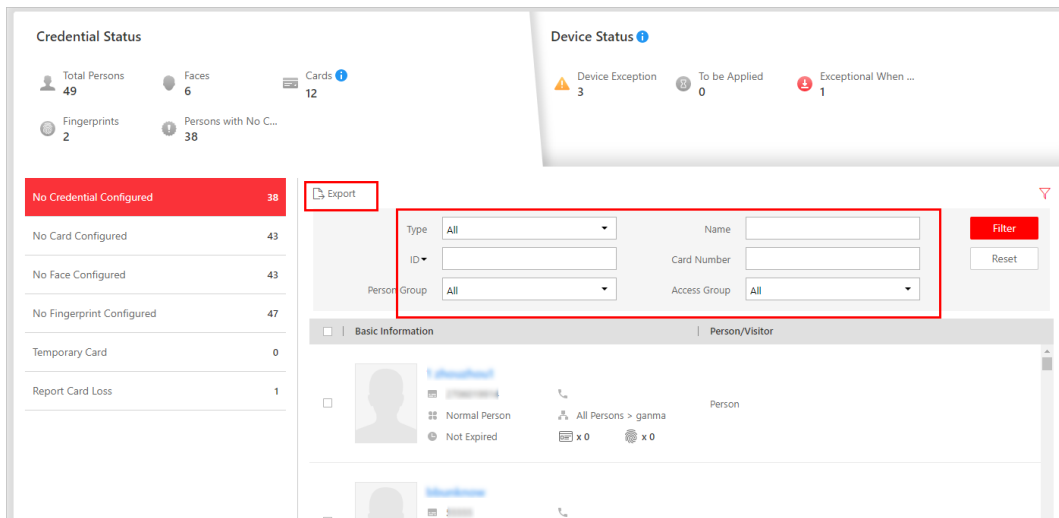
- Supports applying specified devices' access level to specified persons.



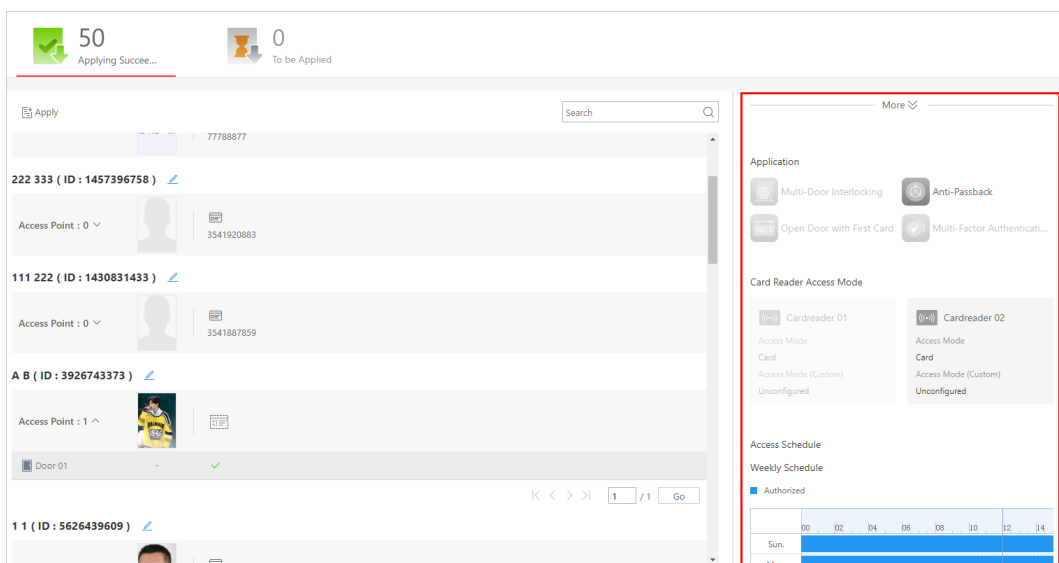
- Supports setting the frequency of access level application.



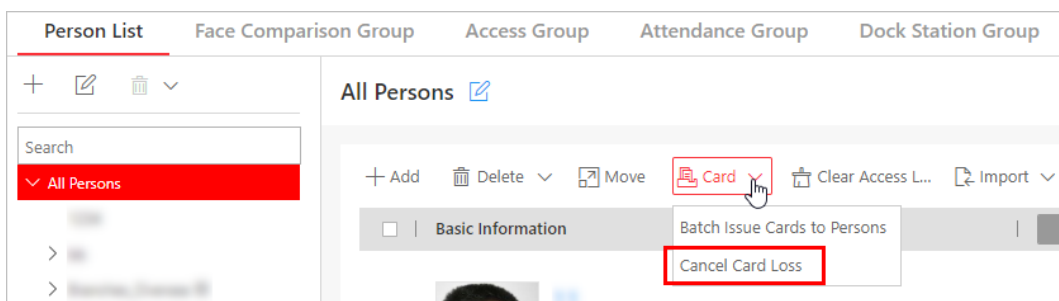
- On the Web Client, Access Control Test supports searching persons and exporting person information.



7. Access Control Test supports displaying configuration information of access control devices and access control applications.

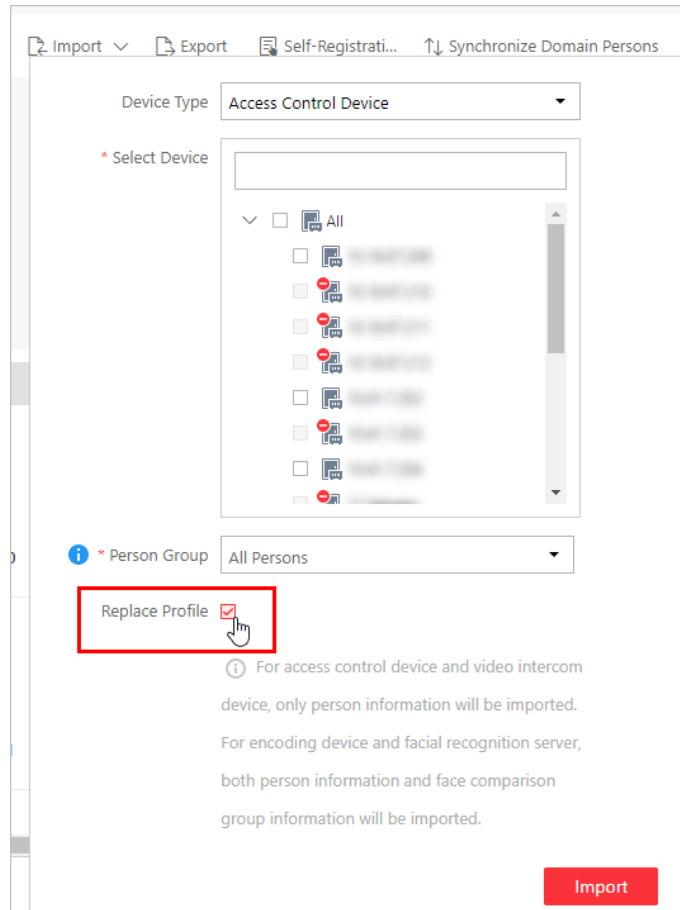


8. The Web Client supports canceling card loss.

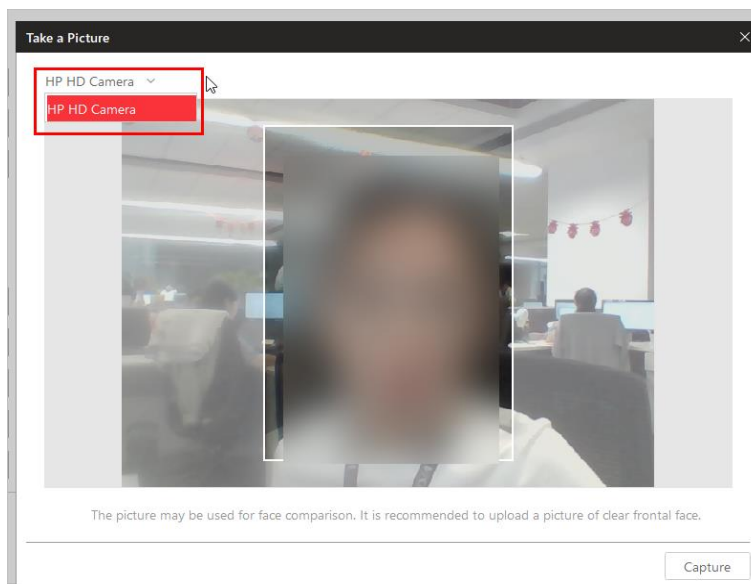


9. Supports importing information of persons in AD domain whose names contains special characters.
10. Supports replacing existing profiles when importing person information from devices.

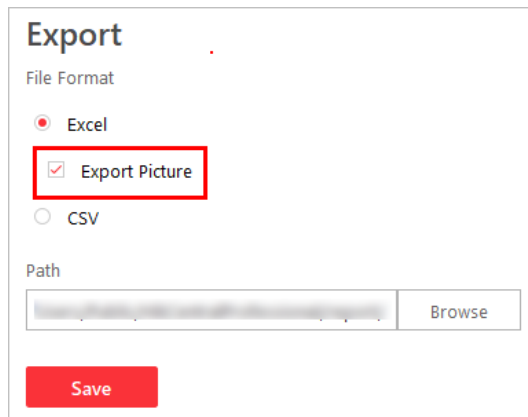




11. Supports selecting different cameras when taking a person's picture.

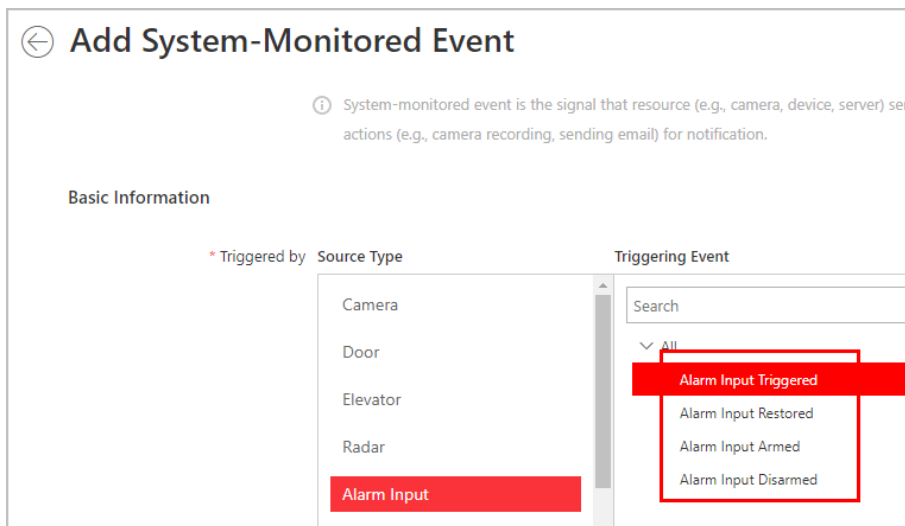


12. By default, the Control Client supports receiving and subscribing all access control events.
13. The Control Client supports exporting pictures captured by access control devices when exporting access records.

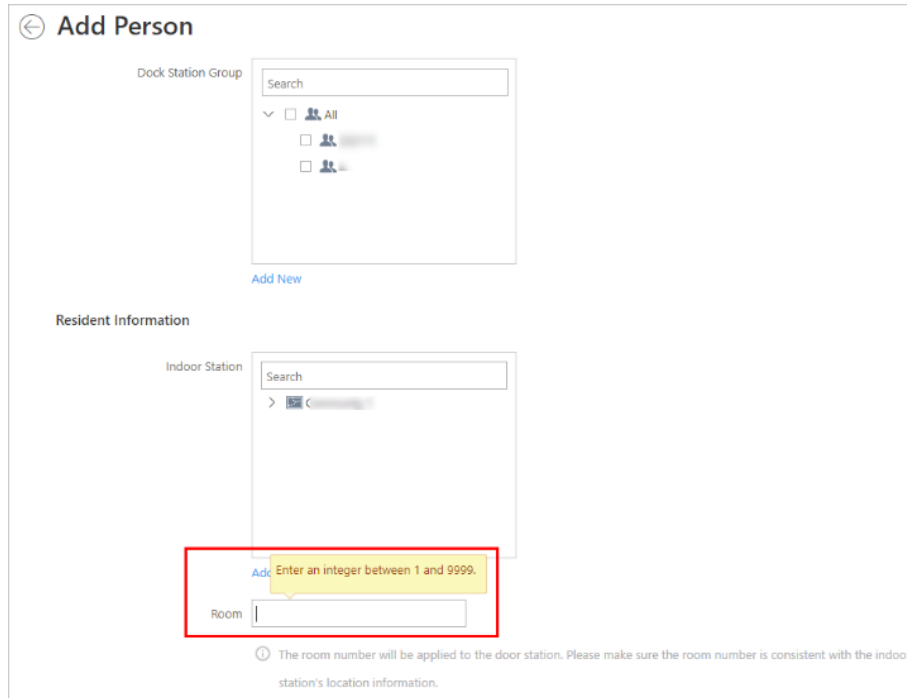


14. Provide four alarm input events and alarm input alarms, including:

- Alarm input triggered
- Alarm input restored
- Alarm input armed
- Alarm input disarmed



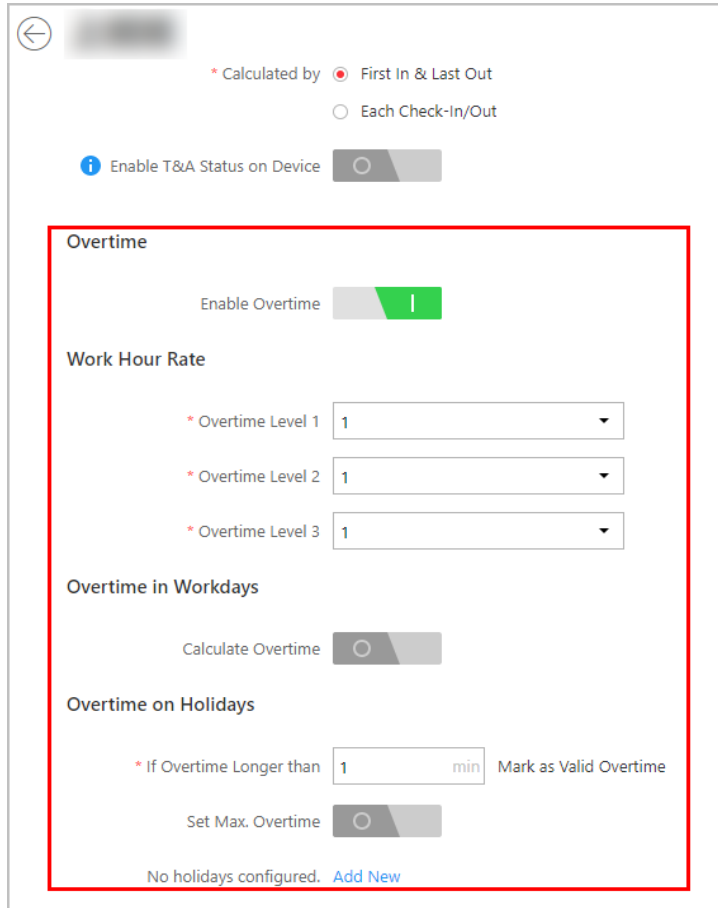
15. Supports up to 9999 rooms of indoor station.



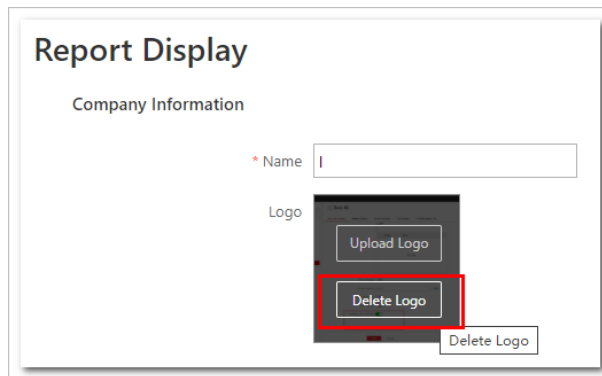
16. Optimized monthly attendance report.

Person ID	3257304861	Person Name	kq zhou	Department	All Persons/	Attendance Group	kq
Date	1	2	3	4	5	6	7
Check-In & Out	09:35/-	11:17/15:35	09:21/10:20	-	-	-	-
Late Duration	0	0	0	0	0	0	0
Early Leave Duration	0	0	0	0	0	0	0
Working Duration	0	258	59	0	0	0	0
Overtime Duration	0	0	0	0	0	0	0
Break Duration	120	120	120	120	120	120	120
Status	A/A	A/A	A/A	A/A	A/A	A/A	A/A
Analyze	Normal	0 Times	Holiday	0 Times	Leave	0 Times	Late

17. Supports setting overtime for a shift schedule.

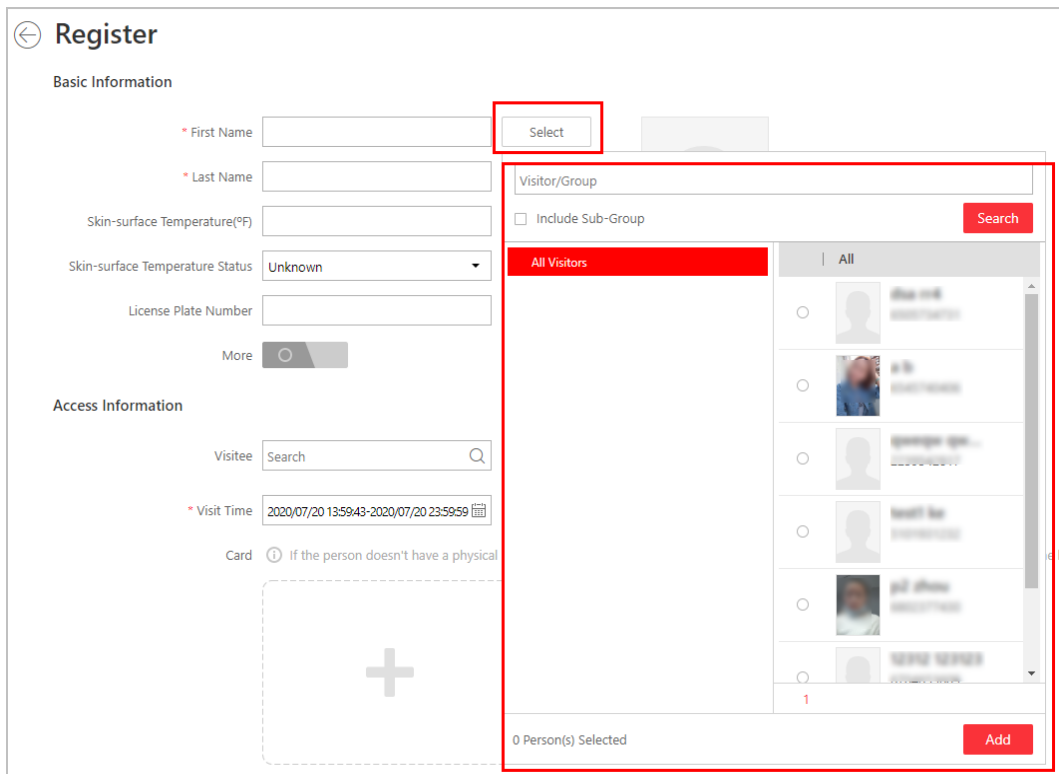


18. Supports deleting logo of attendance report.



19. Supports continuing uploading data to third-party database after the server resumes from offline status.

20. When registering a new visitor, the Web Client supports searching for visitors who have checked out.



21. Supports opening the Web Configuration page of access control devices, elevator control devices, and video intercom devices according to their capability.
22. New access control device models are supported.

## 1.6 Event and Alarm

### 1.6.1 Added Features

1. The following alarms and events are added:
  - Rarely Appeared Person Alarm
  - Hard Hat Detection Alarm
  - Face Matched/Mismatched Alarm
  - Vehicle Type Matched Alarm
  - Lost Card Authenticated Alarm
  - Frequently Appeared Vehicle Alarm
  - Playing Mobile Phone Event
2. Supports displaying events by different category and displaying each category's numbers of triggered events and exceptions.

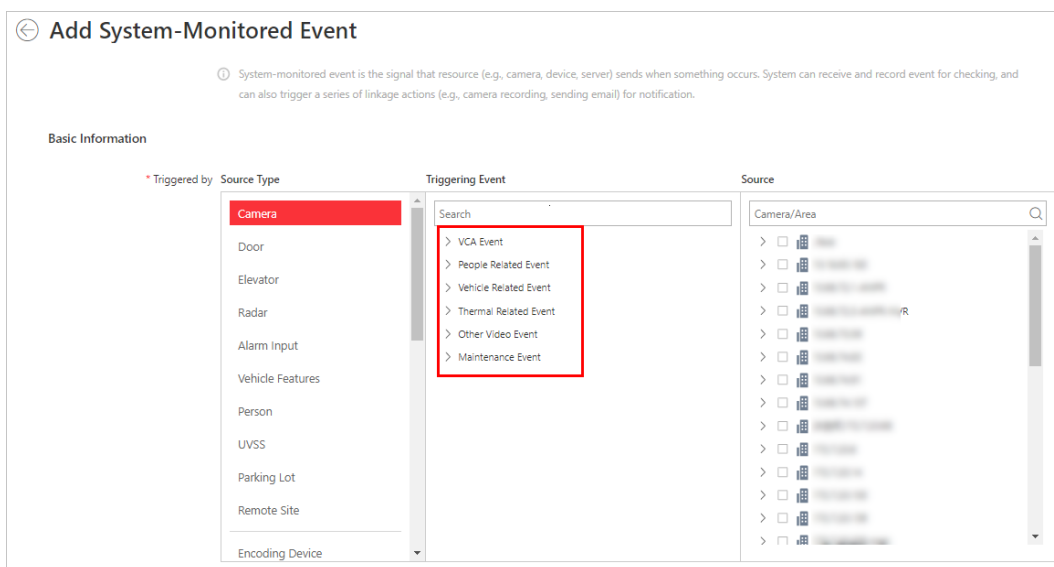
System-Monitored Event	Camera	Door	Parking Lot	Video Intercom Device
Generic Event	3 Configured	0 Exception	88 Configured	49 Exception
User-Defined Event			2 Configured	0 Exception
Alarm			7 Configured	0 Exception

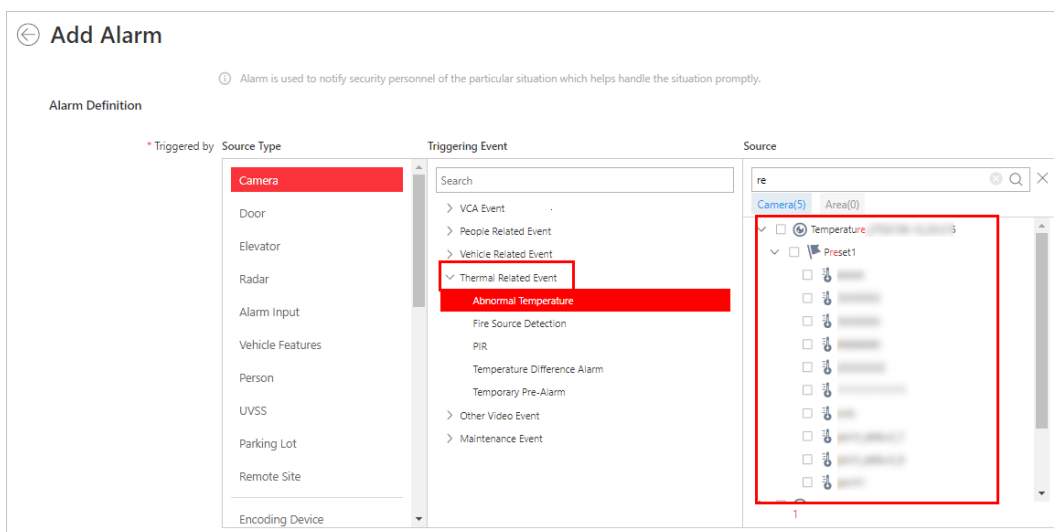
Event Name	Source	Triggering Event	Status
>		Call Center	Normal
>		Overstayed Event	Normal

## 1.6.2 Updated Features

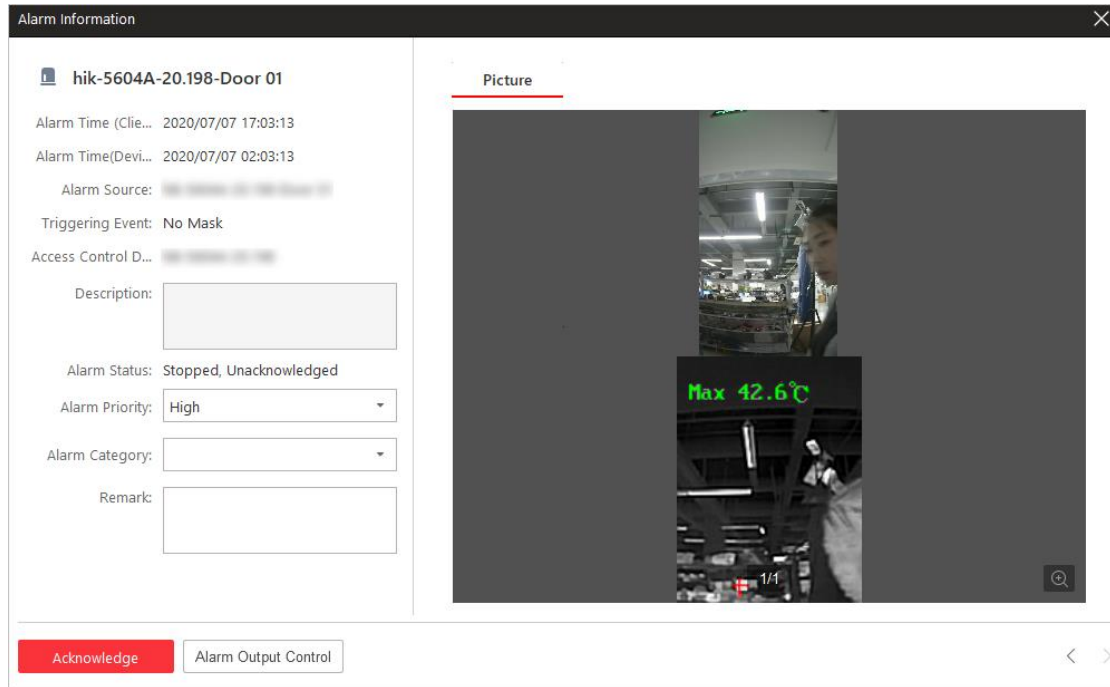
### 1. Optimized the category of triggering event.



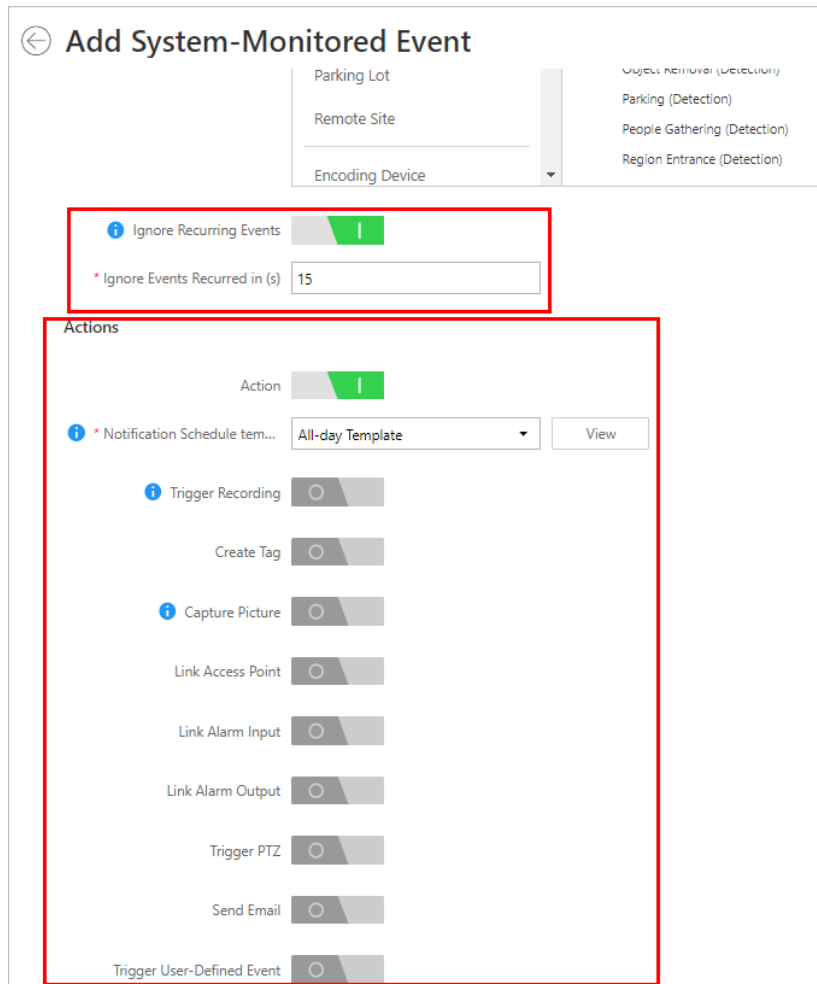
### 2. When setting a thermal related alarm for thermal cameras, you can select areas, points (presets), or lines defined in live view image as alarm sources.



### 3. On the Control Client, pictures of alarm triggered by thermal cameras will be displayed in two forms: optical and thermal.

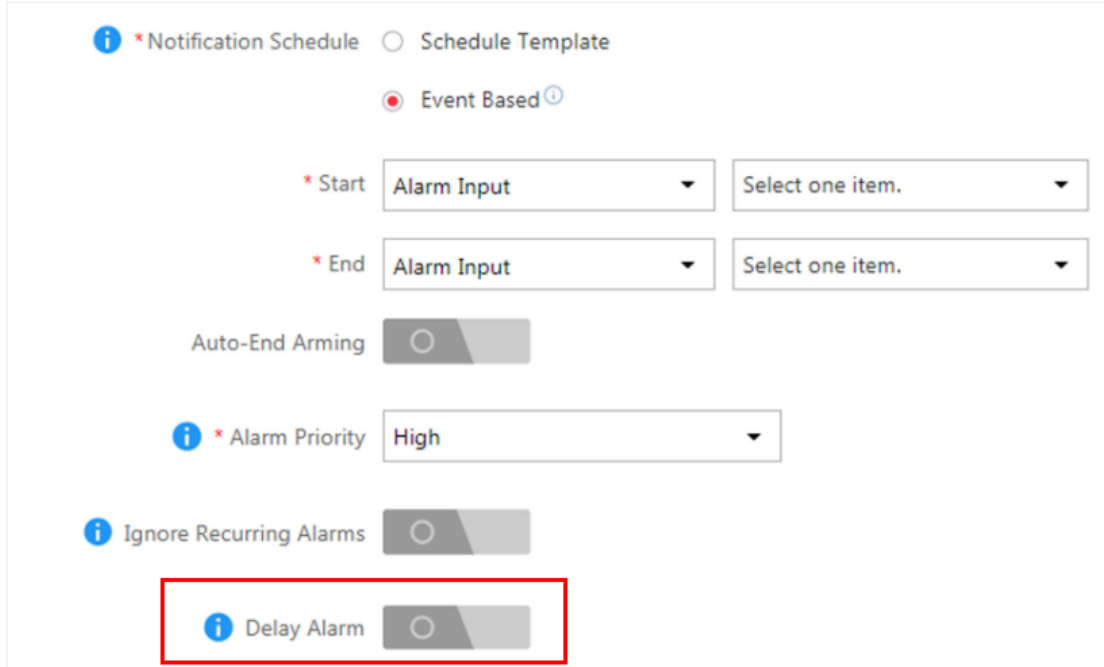


4. Changed Active Control into Ignore Recurring Events.
5. Updated event linkage actions.



6. Supports Delay Alarm.

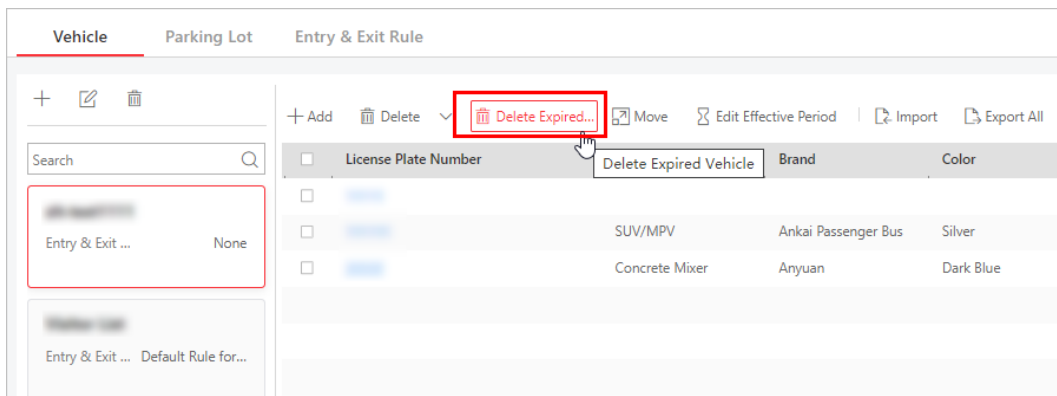
If the source type is camera and the triggering event is Camera Offline, you can enable this function and set a delay duration. During the delay duration, when the source detects the triggering event, the triggering event will not be uploaded to the system. After this duration, if the source still detects this triggering event, the triggering event will be uploaded to the system and trigger an alarm.



## 1.7 Vehicle

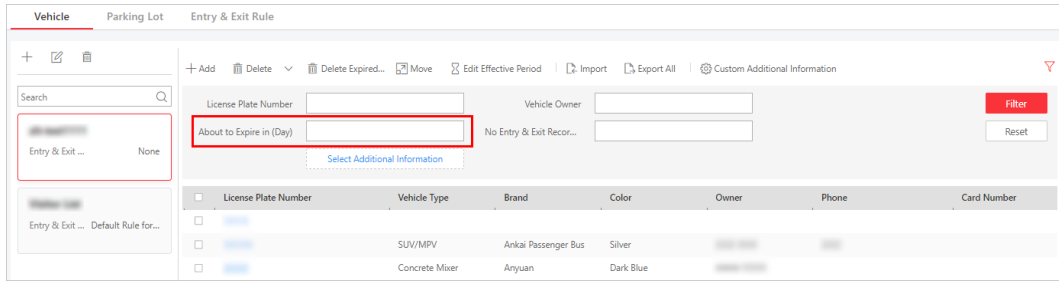
### 1.7.1 Added Features

1. On the Web Client, added Delete Expired Vehicle button. With this function, you can quickly delete all expired vehicles from a vehicle list.



2. On the Web Client, added a vehicle filtering condition: About to Expire in (Day). Enter a number to quickly display vehicles expiring in certain days.

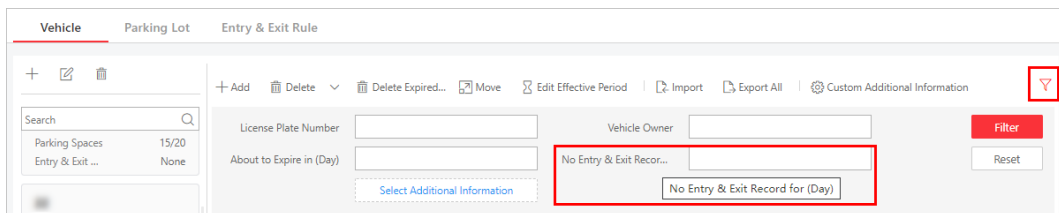




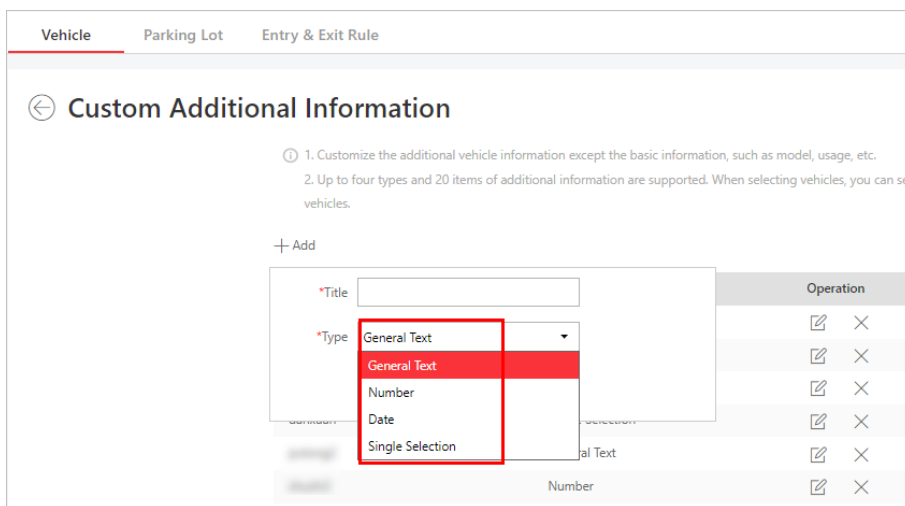
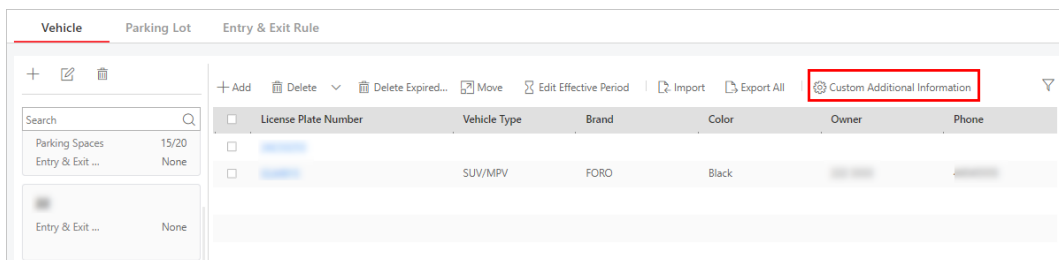
## 1.8 Entrance & Exit

### 1.8.1 Added Features

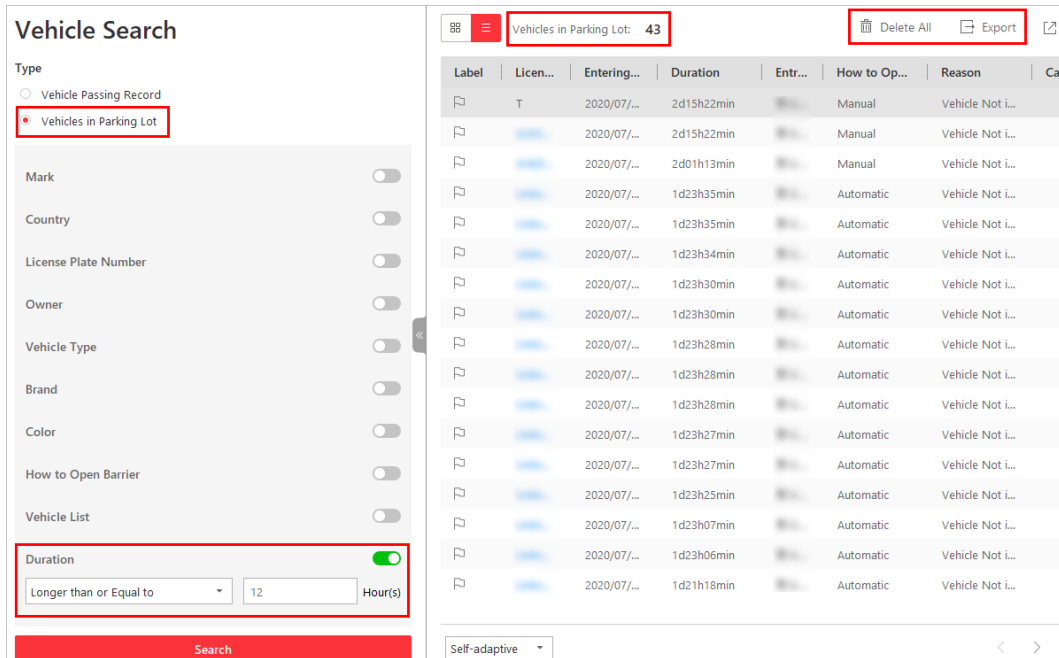
1. Supports searching for vehicles with no entry & exit record for certain durations.



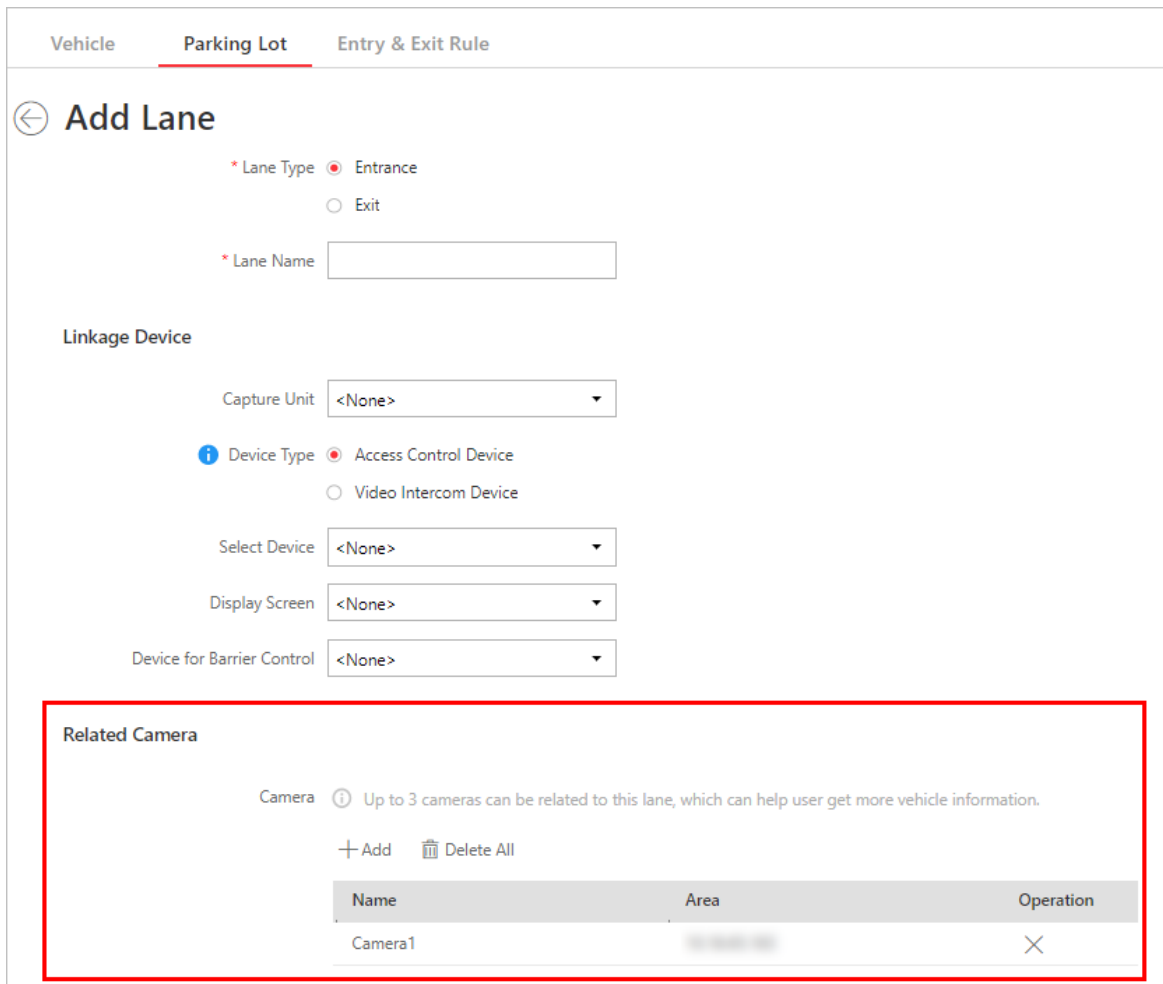
2. Supports customizing additional information for vehicles.



3. Supports searching for vehicles parked for certain durations and deleting them from parking lot.



4. Supports configuring related cameras for lanes.



5. Supports entering license plate number when adding a visitor.

← Register

**Basic Information**

\* First Name

\* Last Name

Skin-surface Temperature(K)

Skin-surface Temperature Status

License Plate Number

More

**Access Information**

Visitee

\* Visit Time

6. Supports searching vehicle passing records of vehicles in specified vehicle lists.

**Vehicle Search**

Vehicle Passing Record  
 Vehicles in Parking Lot

**Time**  
Today

**Source**  
 Camera  
 UVSS  
 Entrance and Exit

No resource selected. Click + to select resource.

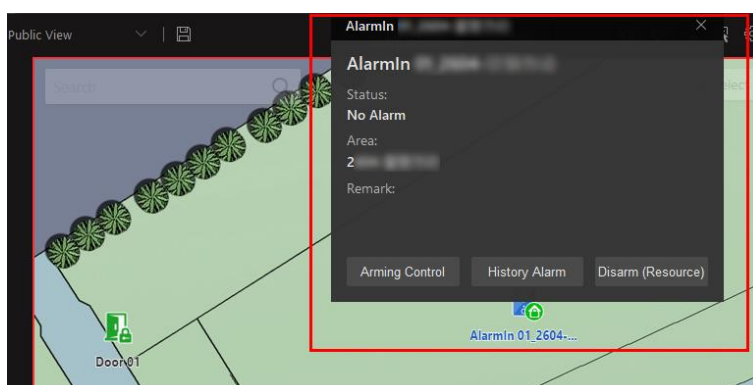
Mark   
Country   
License Plate Number   
Owner   
Vehicle Type   
Brand   
Color   
Driving Direction   
Vehicle List

Search

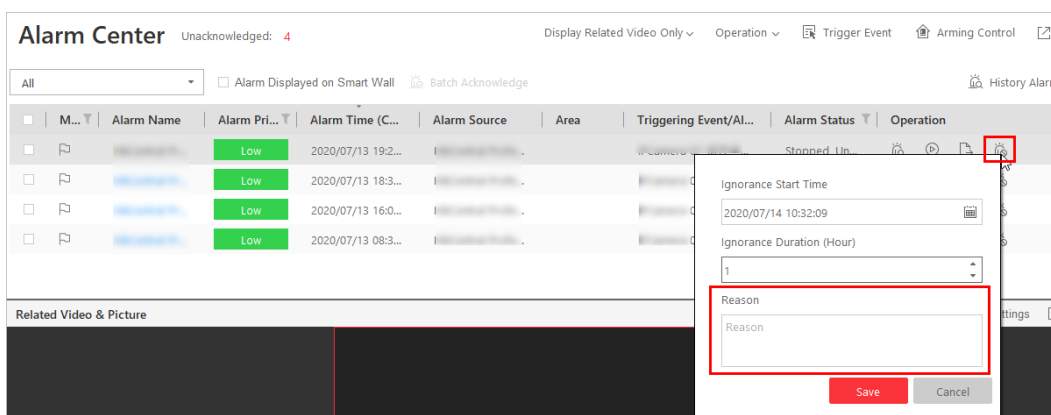
## 1.9 Security Control

### 1.9.1 Added Features

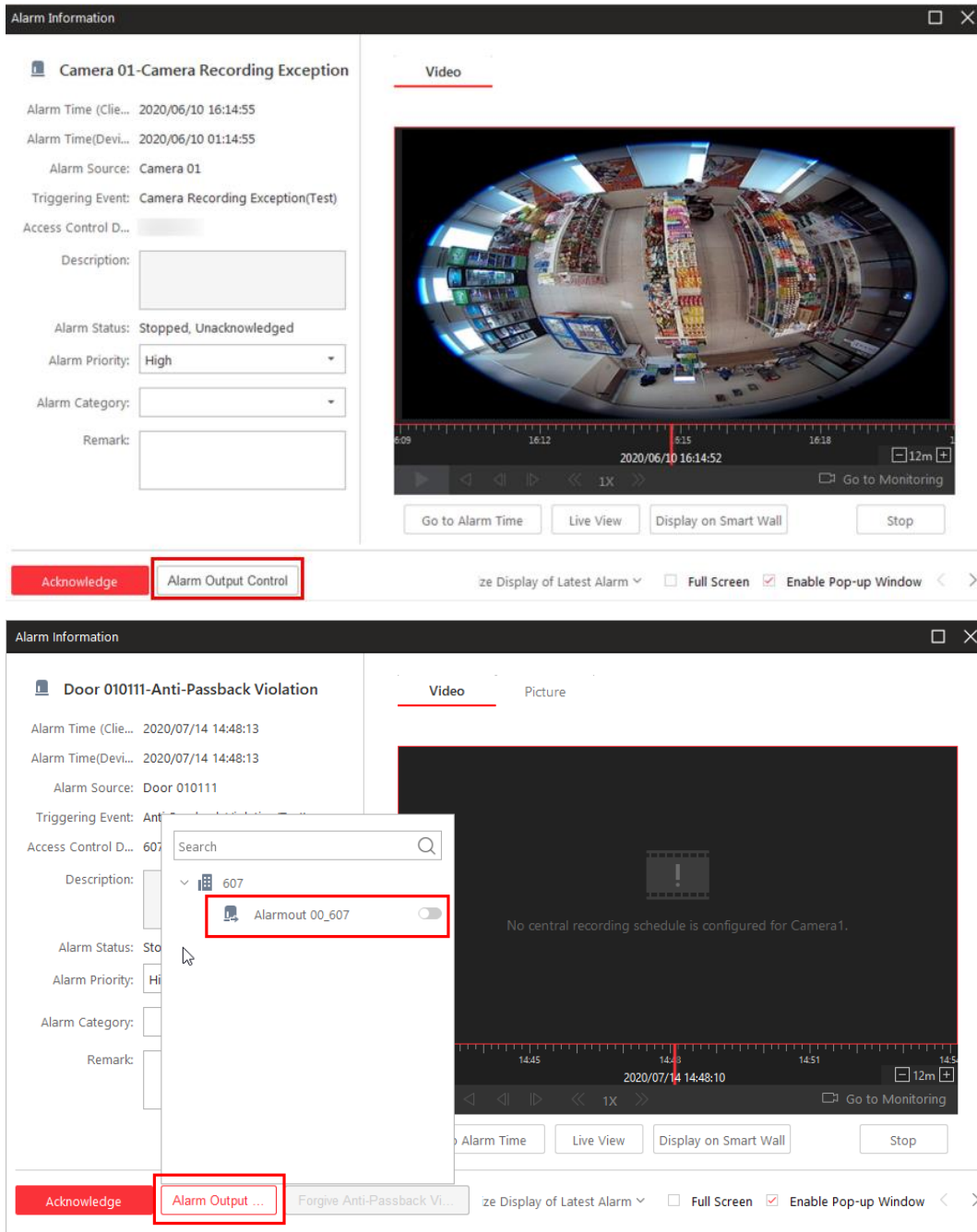
1. New device models are supported. See *Compatibility List of HIKVISION Products* for details.
2. Supports displaying status and perform operations (arming control, viewing history alarms, and disarming) of partition hot spots and alarm input hot spots on the map.



3. Supports entering reason when arming/disarming a device.



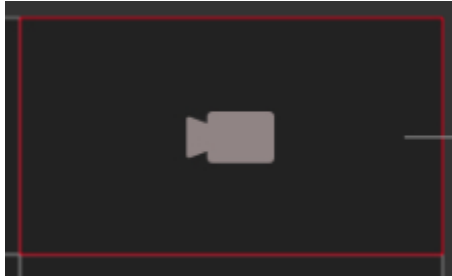
4. On the Control Client, added alarm output control button on the Alarm Information window. By the button, you can enable or disable alarm outputs when you receive an alarm.



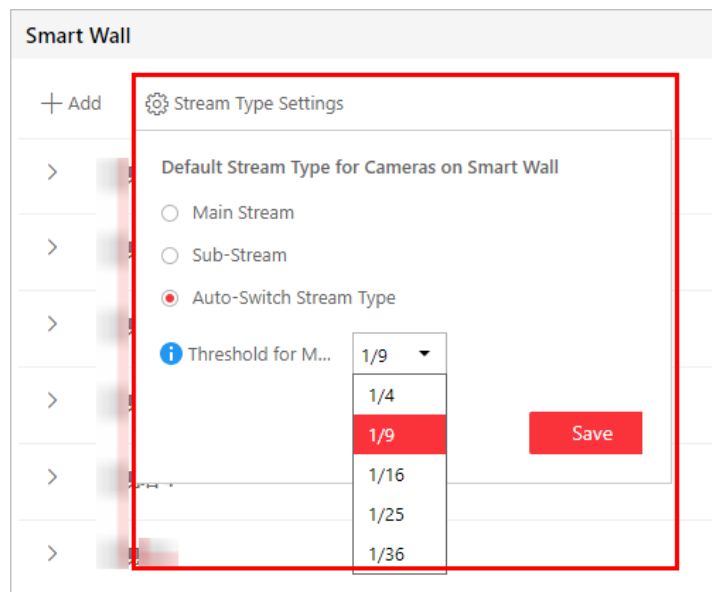
## 1.10 Smart Wall

### 1.10.1 Added features

1. Added an icon indicating on-going auto-switch on a window.



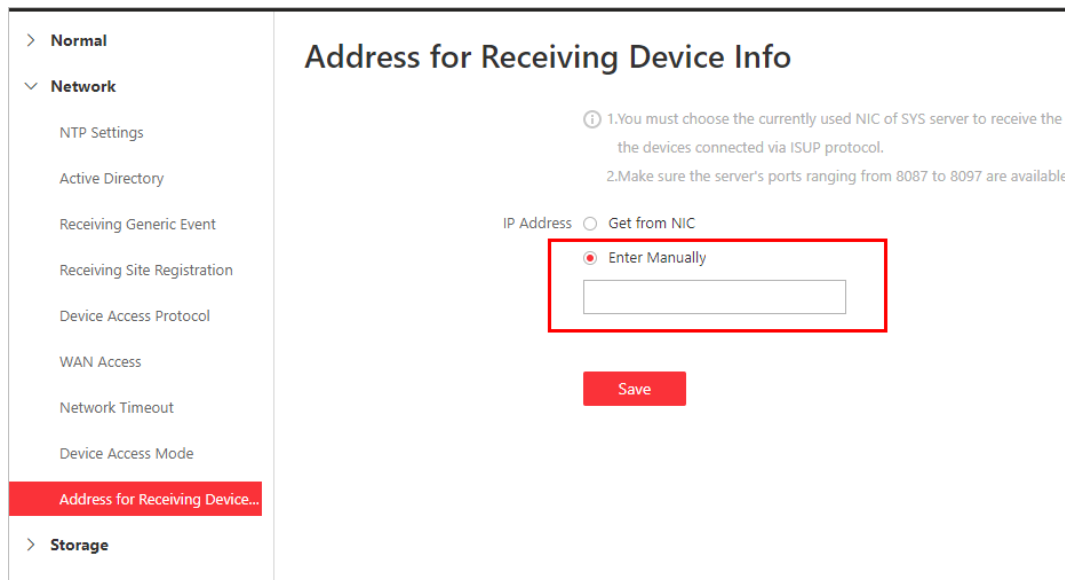
2. Supports selecting multiple cameras in different areas and dragging them to a window linked with a decoding output.
3. The Control Client supports automatically switching stream type. If a window's proportion of the smart wall is larger than the configured threshold, the stream type will be main stream. If the proportion is smaller than the threshold, it will be switched to sub-stream. Configure it on the Web Client beforehand.



4. Supports PTZ control and zooming in/out by 1005KI USB keyboard.
5. Supports displaying image on smart wall by entering camera ID on PC keyboard.
6. Supports managing new network keyboard models. See *Compatibility List of HIKVISION Products* for details.

## 1.11 Hot Spare Plan

For system hot spare, supports entering the virtual IP address configured on ROSE to make sure the system can receive the alarm information from devices connected via ONVIF protocol, and view live view and playback of devices connected via ISUP protocol when the spare server switches into operation.



## 1.12 Open API

### 1.12.1 Added Features

1. Added APIs to get the information of different servers, i.e., Stream Media Server, Storage Server, Intelligent Analysis Server, and Video Management Server.
2. Added APIs to add, edit, and delete a vehicle group or a vehicle.
3. Extended the request parameters when adding or editing a person.
4. Added an API to edit the information of the face linked with the person.
5. Added an API to edit the information of the fingerprint linked with the person.
6. Added an API to get people counting statistics of a camera.
7. Added an API to get picture data of access control events via URI.
8. Added an API to get status details of applying person information to device.
9. Extended the person information object.
10. Extended the vehicle information object.
11. Extended the object of access point event information.
12. Extended the event types or alarm categories.
  - Added two camera alarm category codes;
  - Added multiple door alarm category codes;
  - Added two alarm category codes of access control devices;
  - Added two person alarm category codes.

13. Extended the access control event message.
14. Added a message format of license plate matched or mismatched event.
15. Extended the face comparison event message.
16. Extended the request parameters of event search.
17. Extended the fingerprint information object.
18. Extended event record information object.
19. Added three error codes of OpenAPI Translation Service.
20. Extended the request parameters of card swiping record search.

## **1.13 License**

Added new license item for skin-surface temperature screening and mask wearing.

## **1.14 Other**

### **1.14.1 Added Features**

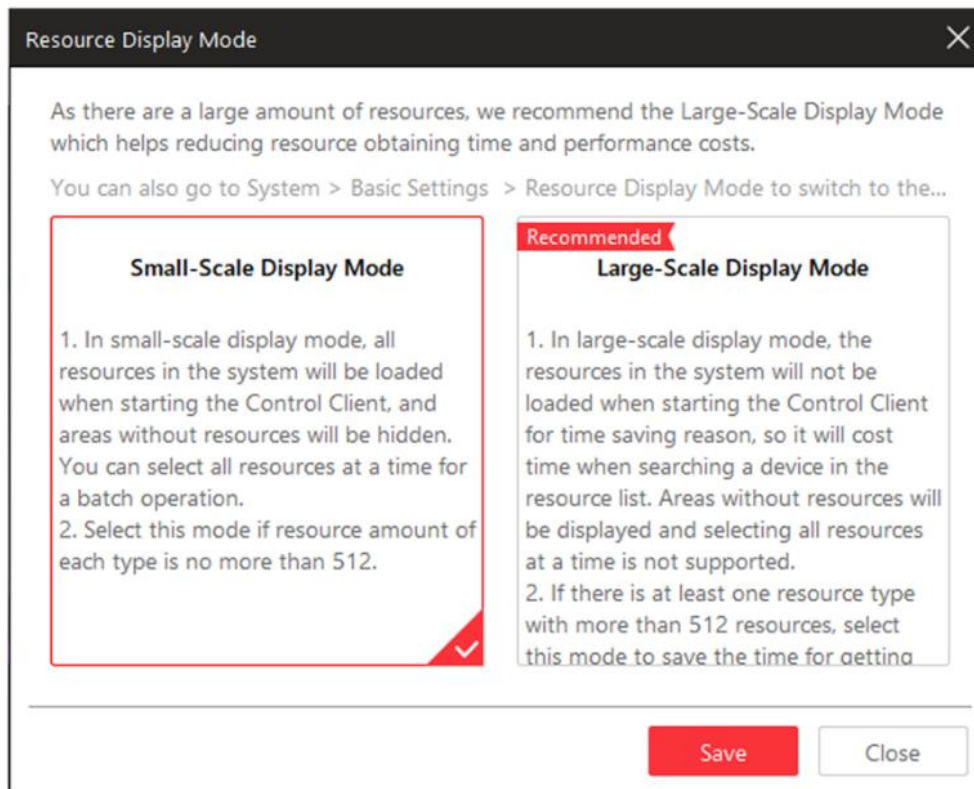
1. On the Control Client, added resource display mode. Supports setting the resource display mode as small-scale display mode or large-scale display mode.

In small-scale display mode, all resources in the system will be loaded when starting the Control Client, and areas without resources will be hidden.

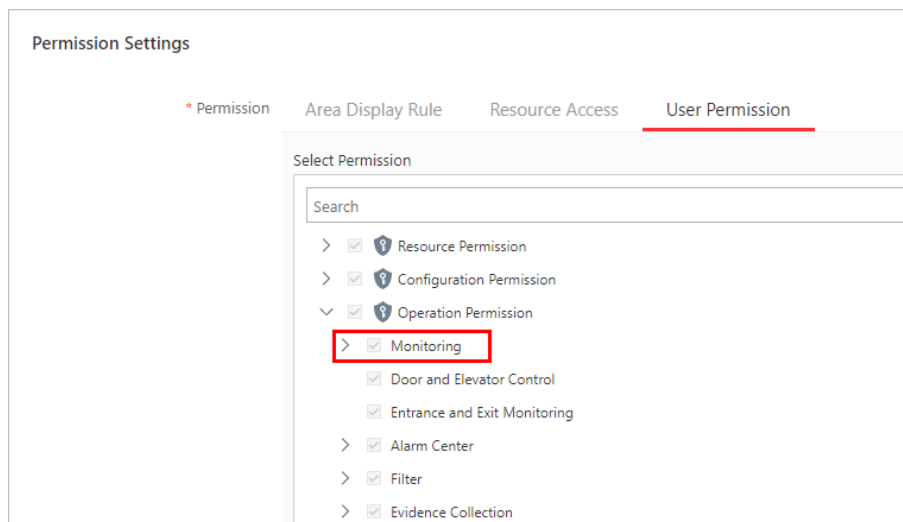
In large-scale display mode, the resources in the system will not be loaded when starting the Control Client for time saving reason, so it will cost time when searching a device in the resource list.

If resource amount of each type is no more than 512, select small-scale display mode; otherwise, large-scale display mode is recommended.





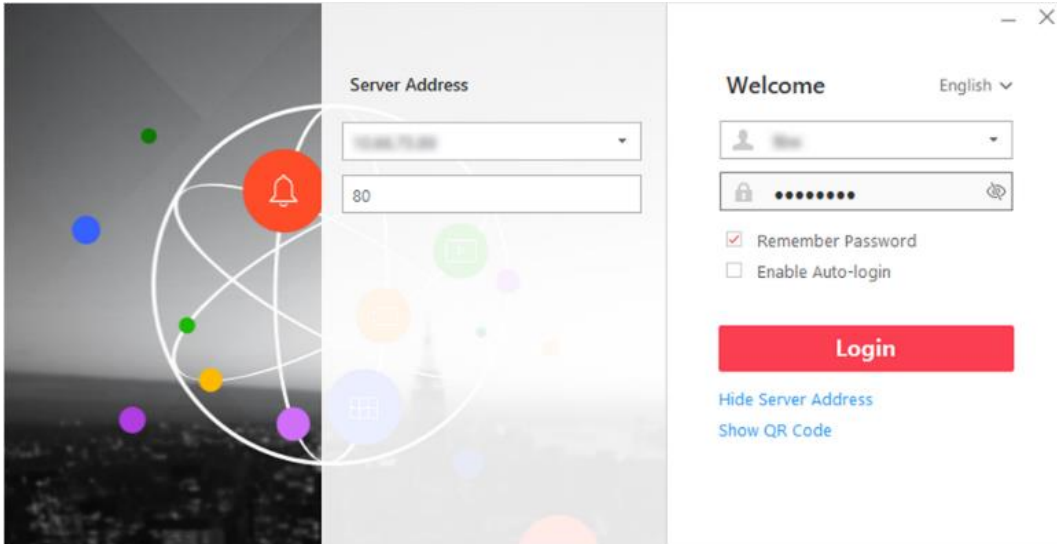
2. Added Monitoring as a new user permission.



3. On the Mobile Client, added Health Monitoring module for device status monitoring.
4. Supports Swedish.

### 1.14.2 Updated features

1. Deleted HTTP/HTTPS options on the login page.



2. Optimized the Control Client's installation package.
3. The Web Client supports enabling/disabling ISUP device ports.

### WAN Access

WAN Access

\*IP/Domain

\*Client Communication Port

\*Client SSL Communication Port

\*Real Time Streaming Port

\*Video File Streaming Port

\*Web Client Streaming Port

\*Receiving Generic Event Port (TCP)

\*Receiving Generic Event Port (UDP)

\*Receiving Site Registration Port

\*ISUP Registration Port

\*ISUP Alarm Receiving Port (TCP)

\*ISUP Alarm Receiving Port (UDP)

\*ISUP Streaming Port (via VAG)

\*ISUP Streaming Port (via Plugin)

## Chapter 2 Issues Fixed

The following are issues fixed in this version.

No.	Issue Description
1	Fixed the bug that no pictures are provided in vehicle passing records generated by ISUP devices.
2	Optimized overtime parking alarm logic. Vehicles parked overtime will trigger alarm before exiting the parking lot.



See Far, Go Further