



DHI-DSS4004-S2

Release Notes



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Release Notes

1.1 Basic Version Information

Product name	DSS4004-S2
Version	V8.001.0000000.0.R
Software package information	General_OverseasDSS4004S2_Eng_Basic_V8.001.0000000.0.R.20220629.tar.gz
Release date	June 2022

1.2 Newly Added or Optimized Functions

1.2.1 New Functions

Module	Function Description
Device management	Supports voice intercom when using devices added through ONVIF Profile T protocol.
User management	Reset your password through the email address you configured.
Storage	<ul style="list-style-type: none">● Recorded videos can now be stored on the device itself.<ul style="list-style-type: none">◇ Images of faces, license plates, metadata events, and alarms can be stored on EVS.◇ Recorded videos from alarms can be stored on devices such as EVS, IVSS, NVR, and DVR.◇ You can configure and obtain the retention period of videos and images stored on EVS.● The platform will notify you when read/write exceptions or faults occur in a IPSAN or local disk.
System deployment	<ul style="list-style-type: none">● Supports using 2 network adapters. This function is mainly applied to 2 network segments that are separated from each other, such as the Internet and a local network, or 2 local networks. By configuring 2 network adapters, devices on 2 network segments can be added to and accessed by the platform.● Supports LAN and WAN mapping with 2 network adapters:<ul style="list-style-type: none">◇ 1 network adapter is connected to a local network, and the other one to the Internet.◇ 2 network adapters are both connected to a local network, and the IP

Module	Function Description
	address of one of them is mapped to the Internet.
Recording plan	Added motion detection recording plan.
Event management	<ul style="list-style-type: none"> Added 8 types of alarms: Wearing Face Mask, Wearing Glasses, Wearing Hat, Wearing Safety Helmet, Wearing Helmet, Wearing Bag, Violence Detection, and People Counting. Added alarm types supported by fire detectors: Device Self-Check, Smoke Alarm, Fire Sensor Fault Alarm, Fire Equipment Tamper Alarm, Device Disconnected, and Fire Alarm. Added other alarm types: Stranger Alarm, Illegal Parking (Motor Vehicle), Illegal Parking (Non-Motor Vehicle), Smoke Alarm, Fire, Full Garbage, Garbage Exposure, Sleep Detection, Using Mobile Phone, Off-duty Detection, Smoking Detection, And Non-Compliant Work Uniform.
Person management	Supports extracting person information on door stations.
Arming list	Supports sending face comparison groups to face recognition IPC cameras connected to EVS.
Monitoring center	<ul style="list-style-type: none"> Supports displaying the recording status of a device connected to IVSS when you are viewing its real-time video. Added E-PTZ target tracking in multi-window modes. <ul style="list-style-type: none"> Added 2 window modes. The tracking function can be disabled. The camera will be tracking the target until it disappears. Supports acquiring playback streams directly from devices. Supports acquiring real-time video streams and playback streams directly from devices added through P2P.
Alarm controller	Third-generation alarm control panels can be added to the platform through automatic registration.
Parking lot	<ul style="list-style-type: none"> Supports multiple fuzzy match rules for license plate recognition. Supports excluding certain vehicles from parking space counting. Supports verification before opening the barrier: Manual verification by security and verification by card swiping. Supports configuring the parameters of parking lot events, including Parking Overtime and No Entry and Exit Record.
Intelligent analysis	<ul style="list-style-type: none"> Supports AI heat maps. Supports sending historical people flow data on a regular basis to one or more email addresses.
Top menu	Added a notification center to display system messages, such as an export task is complete, or the information of a device was edited or deleted.
Local settings	Supports configuring display duration for alarm pop-up windows. This configuration only applies to the current client.
System parameter configuration	Added file security policies: You can configure whether authentication is needed when downloading data, and whether export files need encryption.
Multi-language support	Added Hebrew.

Module	Function Description
Mobile App	<p>DSS Agile:</p> <ul style="list-style-type: none"> ● Supports controlling alarm output channels. ● Supports adding faces to person groups, and plate numbers to vehicle groups. ● Supports soft trigger. ● Supports Russian. ● Supports clipping recorded videos. ● Updated the UI and interaction of the preview and playback screen. ● Supports searching for recorded videos by category.
Others	<ul style="list-style-type: none"> ● The client supports Windows 11. ● Added SIRA.

1.2.2 Optimized Functions

Module	Function Description
Device management	<ul style="list-style-type: none"> ● Fixed the issue where the platform failed to obtain device information when too many channels were connected to EVS. ● Shortened the period between ONVIF devices go offline, and the platform detects that they are offline. ● Optimized the operations of adding devices: When adding a device, you can filter the supported device types based on the add mode and access protocol. The system displays only supported information of selected device. ● Optimized the order of video channels, alarm input channels, and more when editing devices. ● Optimized the display of the icon used to go to the webpages of devices. ● Optimized the operation of adding a single device by searching for an IP address. The window is automatically closed after the device is added. ● Optimized the support for obtaining the channel names of EVS. ● Fixed the issue where the setting of maximum split number of windows does not take effect on video wall control devices. ● Optimized stream acquiring from ONVIF devices in a LAN and WAN network.
User management	Optimized the names on the secondary menu of User Management: Uses the names of user modules for distinguishing.
Storage management	Fixed the issue where indexes were automatically repaired when the storage management service (the SS service) restarts, which led to the deleted data being recovered.
Authorization	Displays the number of resources that you can add to the platform, such as 100 video channels can be added to the platform besides the 50 video channels that have been added.
Recording plan	<ul style="list-style-type: none"> ● Optimized device recording management: <ul style="list-style-type: none"> ◇ The platform can obtain the recording plans of EVS, or configure and send recording plans to EVS. In either way, the recording plans on the device and the platform are the same.

Module	Function Description
	<ul style="list-style-type: none"> ◇ For devices not installed with the latest version, the original configuration logic for device recording plans remains unchanged. The platform only sends recording plans, but not obtain the changes of device recording plans. ● Increased the maximum number of from 100 to 1,000 when configuring general recording plans and motion detection recording plans for multiple channels at the same time.
Event	<ul style="list-style-type: none"> ● Supports configuring the stream type of the real-time video when an alarm is triggered. ● For events whose recorded videos are stored on the platform, the platform will obtain the pre-recorded portion in the cache and add it to the event video. ● Increased the number of icons for soft trigger events from 8 to 100. ● Optimized the search function when configuring events for multiple channels or devices: After you select a category of events, all events under that category are selected by default. ● Added double confirmation when clearing real-time events. ● Optimized parking lot events. <ul style="list-style-type: none"> ◇ The default email template contains plate number and vehicle group. ◇ Event details contain information such as plate number and vehicle group. ● Plate number and vehicle group are added to the event email template. ● Vehicle arming events can display plate numbers. ● Optimized the search function when searching for history events: <ul style="list-style-type: none"> ◇ Multiple event categories can be selected at the same time. ◇ After you select an event category, all events under that category are selected by default. ◇ No limit is set on the number of selected events. However, a search timeout occurs if the search range is too large. ● Supports configuring multiple temperature monitoring rules for a thermal channel. The rules can also be displayed when viewing real-time video. ● Added sequence numbers for the display of the alarm search list to help you know the number of alarms on each page. ● Optimized alarm linkage videos. <ul style="list-style-type: none"> ◇ When the same alarm source reports the same event, the real-time video will be replaced. When different alarm sources report the same event, the platform will find an available alarm window. If there is no available alarm window, the earliest real-time alarm video will be replaced. ◇ The issue is fixed where the top tool bar covers the OSD information in the alarm video. ◇ The issue is fixed where the top tool bar covers the OSD information when the pop-up window displays real-time alarm video.
Monitoring center	<ul style="list-style-type: none"> ● Supports saving webpage information in views. ● Displays the buttons for access control functions in the upper-right tool bar only when you are viewing the real-time video of an access control channel. ● Optimized the function of opening real-time videos on maps.

Module	Function Description
	<ul style="list-style-type: none"> ◇ Double-click a video on a map to open the real-time video of a device in an available window. ◇ When the monitoring center is fully occupied, the system selects an available window from another monitoring center tab to open the real-time video of a device. ● Zoom level will be kept when you pause a playback.
Electronic map	<ul style="list-style-type: none"> ● Supports canceling operations such as selection by pressing Esc. ● Supports double-clicking a channel to open its real-time video. ● Added tips for moving resources, selecting a single or multiple channels, adding submaps, and adding marks. ● For selecting channels, adding submaps, and adding marks, you can perform multiple operations until you press Esc to cancel the function. ● Optimized the selection that you can move the map when you are looking for channels to select. ● When you click a channel and the pop-up card is not fully visible, the system automatically adjusts its location to show a full card. ● Increased the levels that you can zoom in and out on raster maps. ● The platform only loads the part of the map that is visible in the current page to display icons of channels faster. ● You can hide the names of resources.
Video wall	<p>Optimized the display modes.</p> <ul style="list-style-type: none"> ● Screenshots of channels can be displayed on the video wall. ● The platform can open the real-time videos of all the channels bound to the video wall at the same time.
Access control	<ul style="list-style-type: none"> ● Event linkage recording on the access control console: Only displays the recorded video of the channel linked to the access control channel. ● Event linkage image on the access control console: Displays the snapshots reported by access control devices and captured through events.
Parking lot	<ul style="list-style-type: none"> ● Changed the dual-camera collaboration time from 1 s–10 s to 1 s–5 s. ● Information displays of the latest version can connect to entrance/exit cameras through RS-485 without being connected to the platform. You can click it and quickly go to the web page of the display to make configurations. ● Added 2 general passing rules. ● With custom passing rules, you can configure whether to enable card swiping for opening barriers. If card swiping is disabled, you cannot open a barrier by swiping a card. ● You can send the allowlist and blocklist to specified entrance/exit points. ● Optimized real-time monitoring at the entrance/exit of parking lots. <ul style="list-style-type: none"> ◇ The device tree on the left is canceled and changed to the pop-up mode, so that there is more space to display videos. ◇ You can select an entrance or exit point to open its real-time video in a window. ◇ For dual-camera entrance or exit, the real-time videos of both cameras will be displayed in the same window.

Module	Function Description
	<ul style="list-style-type: none"> ◇ The recent records of barrier not opened will be displayed when you open a real-time video. ◇ The passing permissions of vehicles are displayed. ◇ The passing records can be displayed in a list or cards. ◇ You can configure whether to count parking spaces after manually opening the barrier. ◇ When you manually open the barrier, you can enter the plate number and capture an image of the vehicle. ◇ The entrance information will be displayed for a record of barrier not opened at an exit. ◇ Parking duration is displayed in records of barrier not opened. ● Optimized the voice talk function. <ul style="list-style-type: none"> ◇ When a call come through, records of barrier not opened are automatically displayed if there is any. ◇ When a call come through, the manual opening page is displayed if there is no record of barrier not opened. ◇ If the information in a record of barrier not opened is inaccurate, you can ignore it and manually open the barrier. ◇ The real-time video of the VTO will be displayed in the same window as entrance/exit videos. You can switch the videos for on the top of the window. ● Supports searching for vehicle based on card swiping information. ● Optimized record details. <ul style="list-style-type: none"> ◇ Card swiping information is displayed. ◇ The display of recognized license plates is from the display of license plates maintained by the system The plate numbers recognized and added to the platform will be clearly distinguished. ● Optimized the notification of barrier opened to prevent excessive notifications from affecting operations. ● Removed the limit on the length of duration you can search records from. However, a timeout error occurs if you search for an excessive amount of records at the same time.
Intelligent analysis	<ul style="list-style-type: none"> ● Optimized the algorithm of consolidating data from regular heat maps to ensure that the heat maps searched and displayed on the platform is the same as the ones generated on devices. ● Supports searching for real-time data of regular heat map on an hourly basis. However, you can only search for data uploaded to the platform generated by a device when it is disconnected from the platform on a daily basis.
Logs	<ul style="list-style-type: none"> ● Download logs are generated by file, with each including detailed device name, IP address, channel name, channel number, start and time of the video, and file name. ● Live view logs include detailed device name, IP address, channel name, channel number, and start and end time of live view.
Security	<p>TLS1.2 is used by default. You will be notified of the security risks if you enable TLS1.0.</p>

Module	Function Description
Network Configuration	Supports configuring IPv6 addresses for network cards.
Client login	<ul style="list-style-type: none">You can directly enter the IP address and port number of the platform.You can select the platforms both discovered by the client itself and you have logged in before from the drop-down list.
Others	<ul style="list-style-type: none">The maximum size of the logs of a single service is now 200 MB. This prevents logs from occupying too much storage.Optimized the presentation when too many buttons are in the top menu.Optimized how daylight saving time (DST) is processed. This mainly affects searching for recorded videos and time synchronization.Added verification process to APIs that the system will check whether a user have permission when operating a menu.Fixed bugs.

1.3 Description of Newly Added and Optimized Functions

1.3.1 Device Management

- When you add a device, you can filter the supported device types based on the add mode and access protocol.
- When you select a device type in the second step, you can only select from the supported device types.
- The platform displays only the resources supported by the device type.
- When you edit a device, the system sorts corresponding resource information based on business priority.

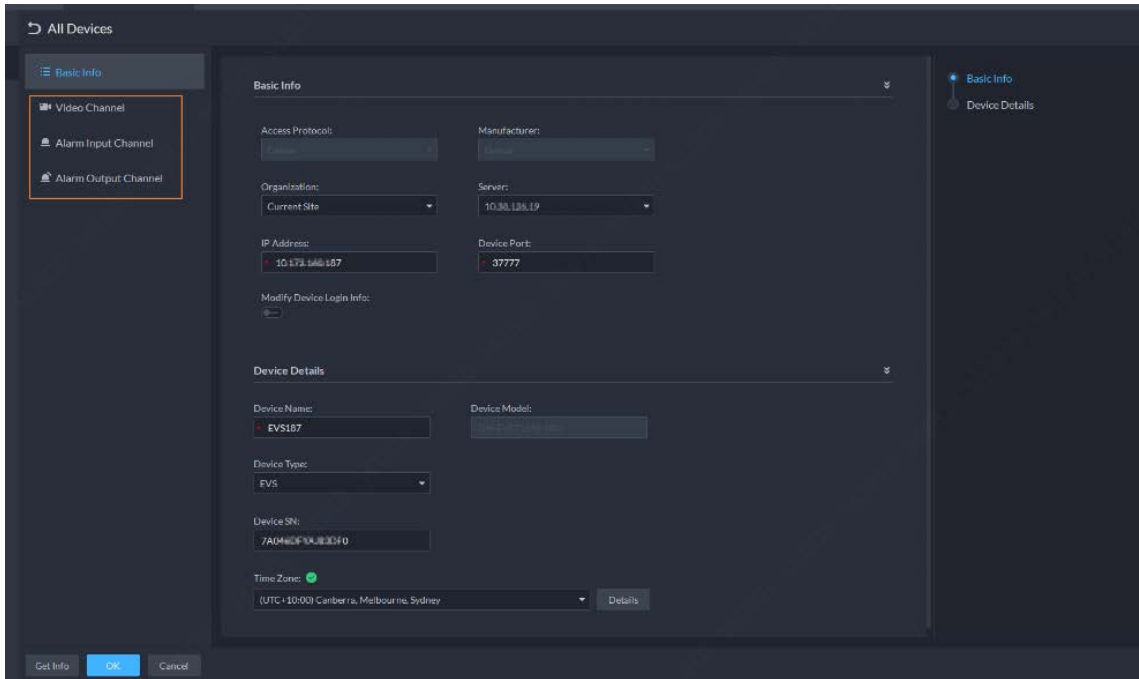
Figure 1-1 Select an add mode and access protocol

The screenshot shows the 'Add Device' configuration interface, specifically the '1. Login Information' step. The interface is dark-themed. At the top, there are two tabs: '1. Login Information' (active) and '2. Device Information'. Below the tabs, there are several input fields and dropdown menus. The 'Add Mode' dropdown is set to 'IP Address'. The 'Access Protocol' dropdown is set to 'Dahua'. The 'Device Category' dropdown is set to 'Encoder'. The 'IP Type' section has 'IPv4' selected. The 'IP Address' field is empty. The 'Device Port' field is set to '37777'. The 'Username' field is set to 'admin'. The 'Password' field is masked with dots. The 'Organization' dropdown is set to 'Current Site'. The 'Server' dropdown is set to '10.28.176.19'. At the bottom, there are 'Add' and 'Cancel' buttons.

Figure 1-2 Display device type and device resources

The screenshot shows the 'Add Device' configuration interface, specifically the '2. Device Information' step. The interface is dark-themed. At the top, there are two tabs: '1. Login Information' and '2. Device Information' (active). Below the tabs, there are several input fields and dropdown menus. The 'Device Name' field is empty. The 'Manufacturer' dropdown is set to 'Dahua'. The 'Device Type' dropdown is set to 'DVR/XVR'. The 'Device Model' field is empty. The 'Video Channel' dropdown is set to '0'. The 'POS Channel' dropdown is set to '0'. The 'Alarm Input Channel' dropdown is set to '0'. The 'Alarm Output Channel' dropdown is set to '0'. The 'Time Zone' dropdown is set to '(UTC-08:00) Baja California'. At the bottom, there are 'Previous Step', 'Continue to Add', and 'OK' buttons.

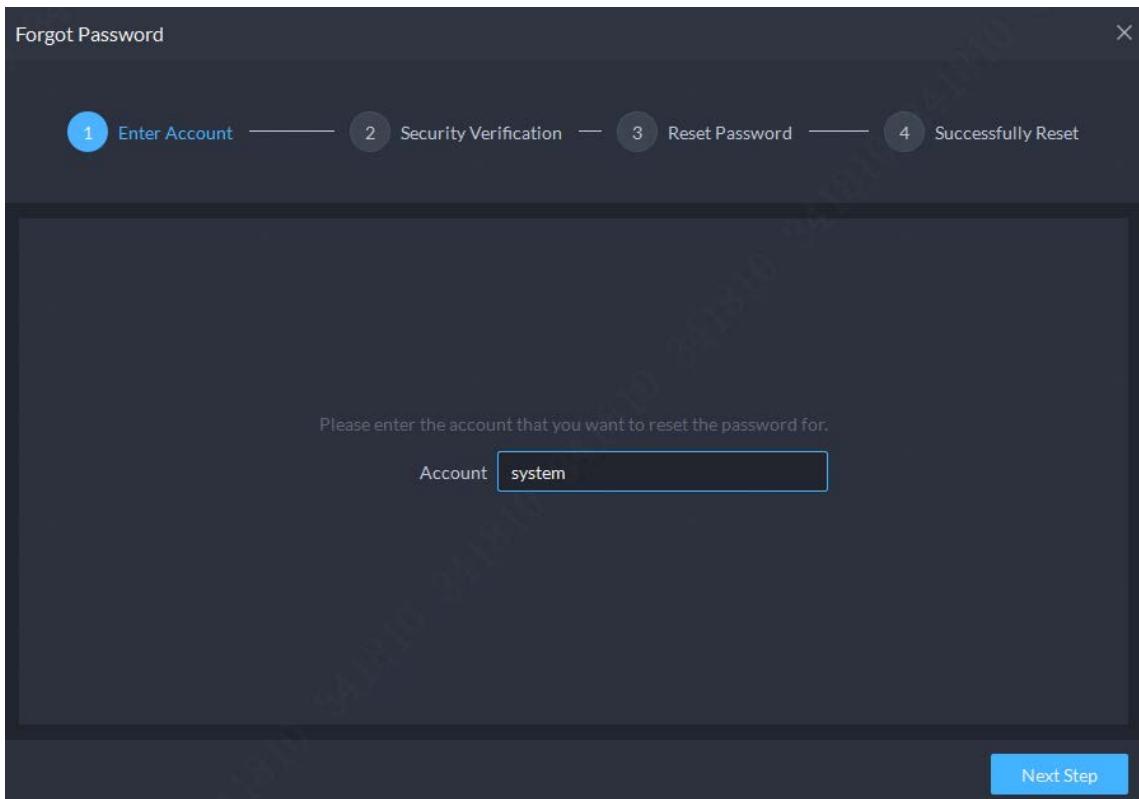
Figure 1-3 Sort device resources



1.3.2 User Management

If the platform has been configured an email server and an email address has been configured in a user, this user can reset its password through the email address.

Figure 1-4 Reset your password through email



1.3.3 Storage Management

Event images and recordings can be stored on devices.

- The images of faces, license plates, metadata events, and alarms can be stored on EVS.
 - ◇ Rule 1: If an image is captured by the platform in an alarm, the image can only be stored on the platform no matter the image is captured by the alarm source or a linked channel.
 - ◇ Rule 2: If a device (such as an IPC) is connected to the platform through EVS and an event image (alarm, face, license plate, and target detection event) is generated by the event source, you can select a location to store the image.
 - ◇ Rule 3: If a device (such as an IPC) is directly connected to the platform and an event image (alarm event, face, license plate, target detection event) is generated by the event source, the image can only be stored on the platform.
- Alarm recordings can be stored on devices such as EVS, IVSS, NVR, and DVR.
 - ◇ Rule 1: If a device (such as an IPC) is connected to the platform through IVSS, EVS, NVR, or DVR, you can normally view alarm videos on the platform, but they are linked to the ones stored on the devices.
 - ◇ Rule 2: If a device (such as an IPC) is directly connected to the platform, alarm videos can only be stored on the platform.
 - ◇ If you store alarm recordings on devices, we recommend you configure a 24-hour device recording plan.
 - ◇ When you configure events, you can view the storage location of recordings of channels.
 - ◇ You can configure and obtain the retention time of videos and images stored on EVS.

Figure 1-5 Networking requirements for storing event and alarm images on devices

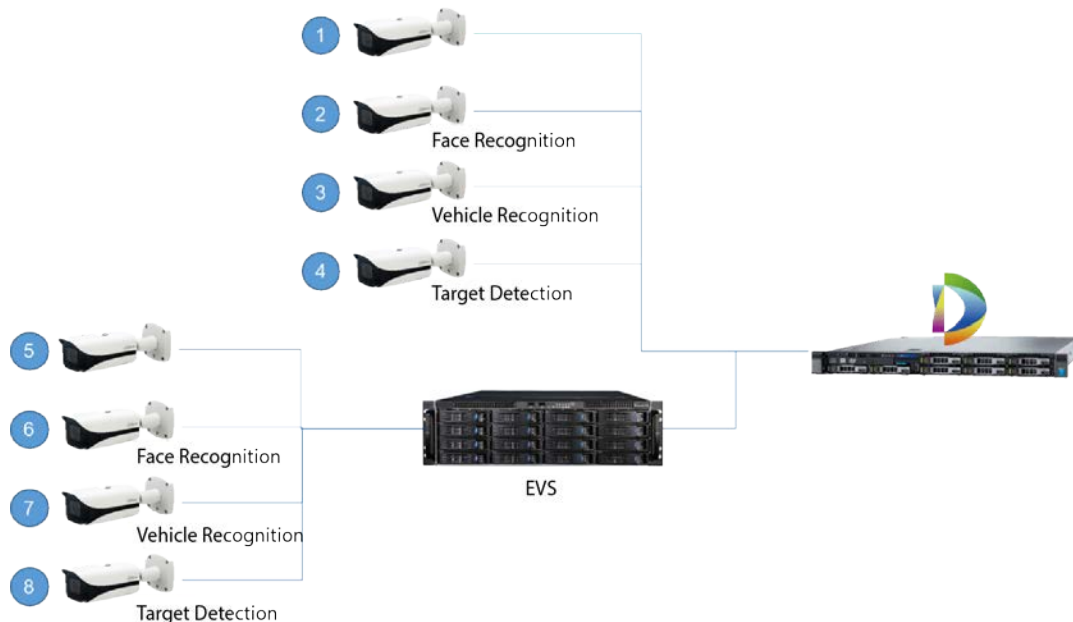


Figure 1-6 Configure device storage

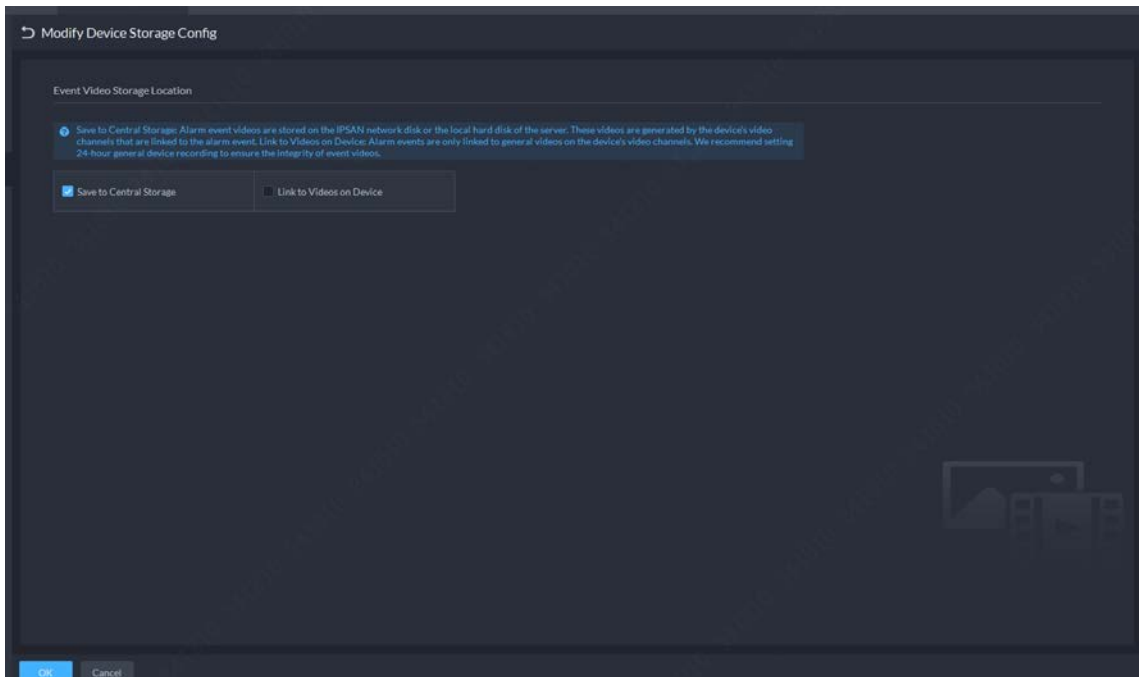
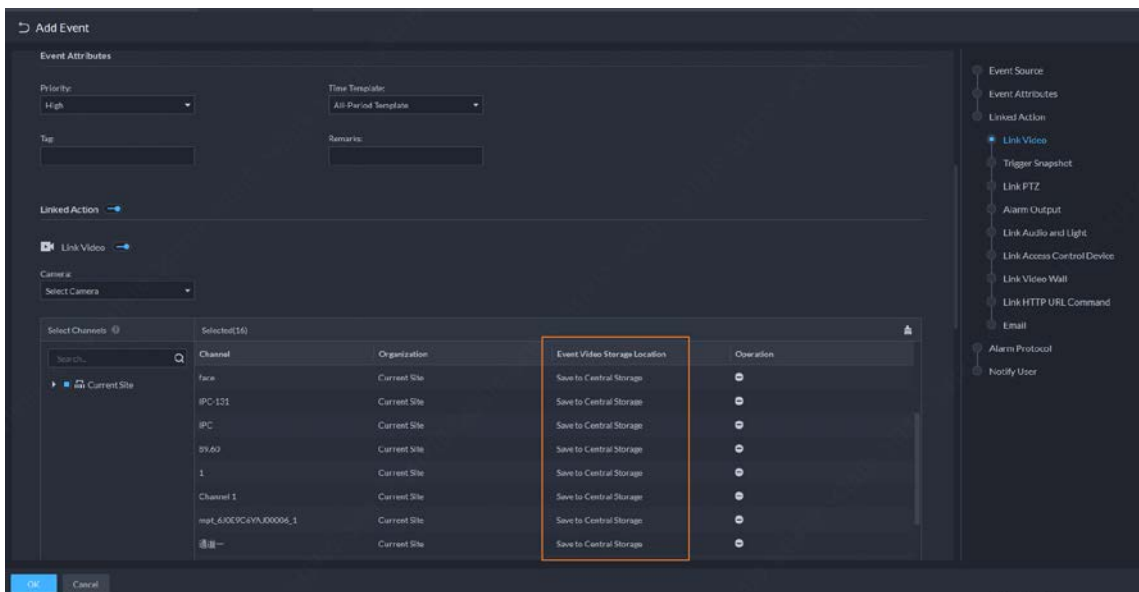


Figure 1-7 Display the storage location of associated event recordings



1.3.4 Authorization

Displays the types and number of resources that you can add to the platform, such as 100 video channels can be added to the platform besides the 50 video channels that have been added.

Figure 1-8 Types and number of resources allowed by the license

Resource Type	Total	Used	Unused
Video Channel	256 Channels	0 Channels	256 Channels
Access Control Channel	64 Channels	0 Channels	64 Channels
Video Intercom	1000 Devices	0 Devices	1000 Devices
Alarm Controller	16 Devices	0 Devices	16 Devices
DSS Agile VDP User	2000 Users	0 Users	2000 Users

1.3.5 Network Configuration

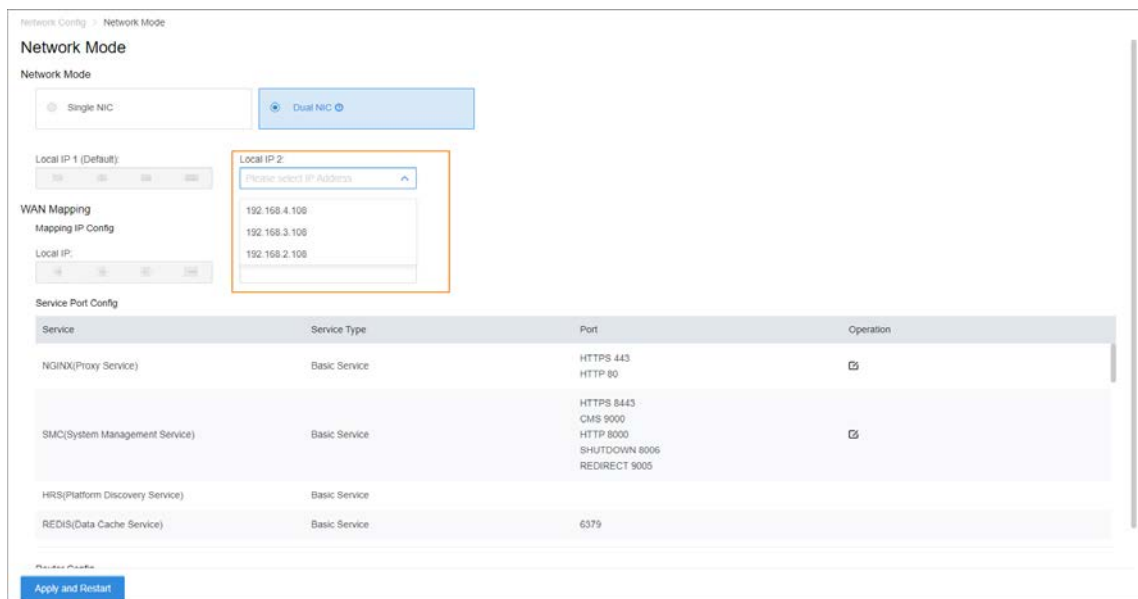
- You can configure IPv6 addresses for network cards on the configuration system so that the platform can access devices with IPv6 addresses.

Figure 1-9 IPv6 address

The screenshot shows the 'Network Card Config' interface. Under 'Select NIC Mode', 'Multi-address' is selected. Below, there are tabs for 'Network Card 1' through '4'. The 'IPv6' section is highlighted with an orange box and contains fields for 'IP Address', 'Length of Subnet Prefix', and 'Gateway'. There are also 'Preferred DNS' and 'Alternate DNS' fields for IPv6. At the bottom, there is a 'Default Network Card' dropdown set to 'Network Card 1' and an 'Apply and Restart' button.

- Supports LAN and WAN mapping with 2 network adapters:
 - 1 network adapter is connected to a local network, and the other one to the Internet.
 - 2 network adapters are both connected to a local network, and the IP address of one of them is mapped to the Internet.

Figure 1-10 Dual NIC mode



1.3.6 Recording Plan

- Added motion detection recording plan.
 - ◇ The platform records videos on motion detection events reported by devices.
 - ◇ The platform can record motion detection videos based on the motion detection recording plans.

Figure 1-11 Configure motion detection recording in storage plan

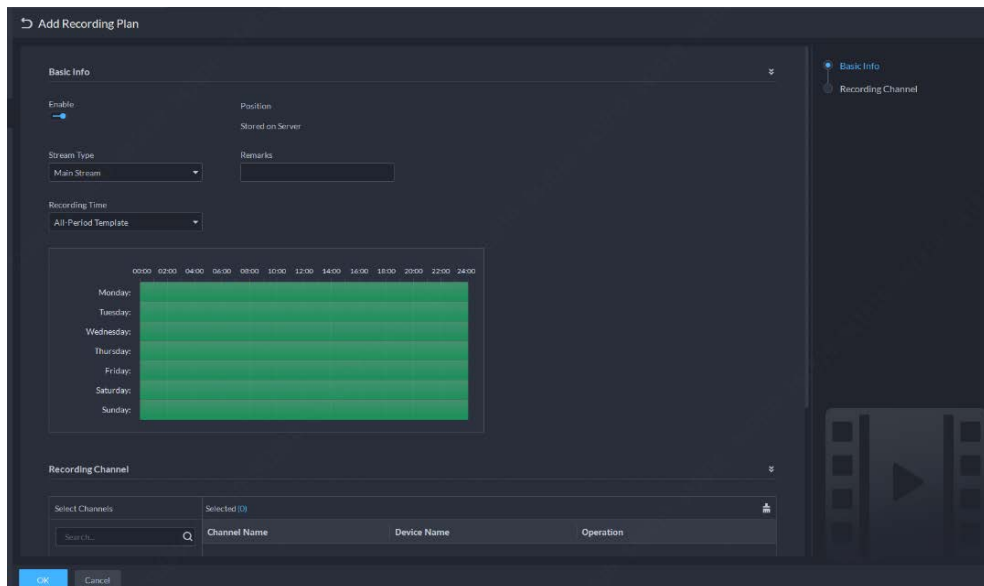
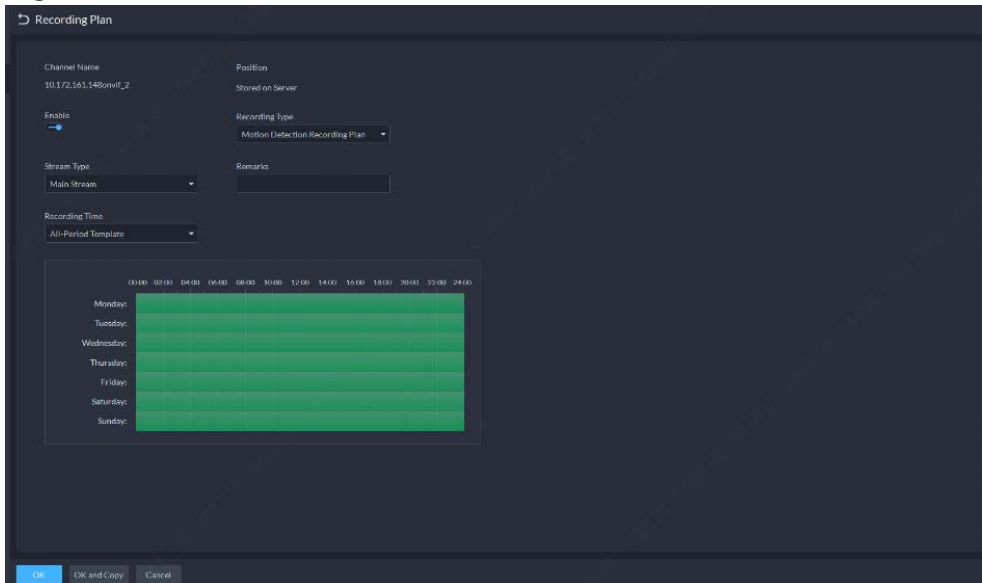


Figure 1-12 Configure motion detection recording in device configuration



- Optimized device recording plan.
 - ◇ The platform can obtain device recording plans from EVS. The recording plans displayed on the platform are the same as the ones on devices.
 - ◇ The way to configure recording plans for EVS channels on the platform is largely the same as configuring on EVS.
 - ◇ For other devices, the way to configure device recording plans is the same as before.

Figure 1-13 Display EVS recording plan

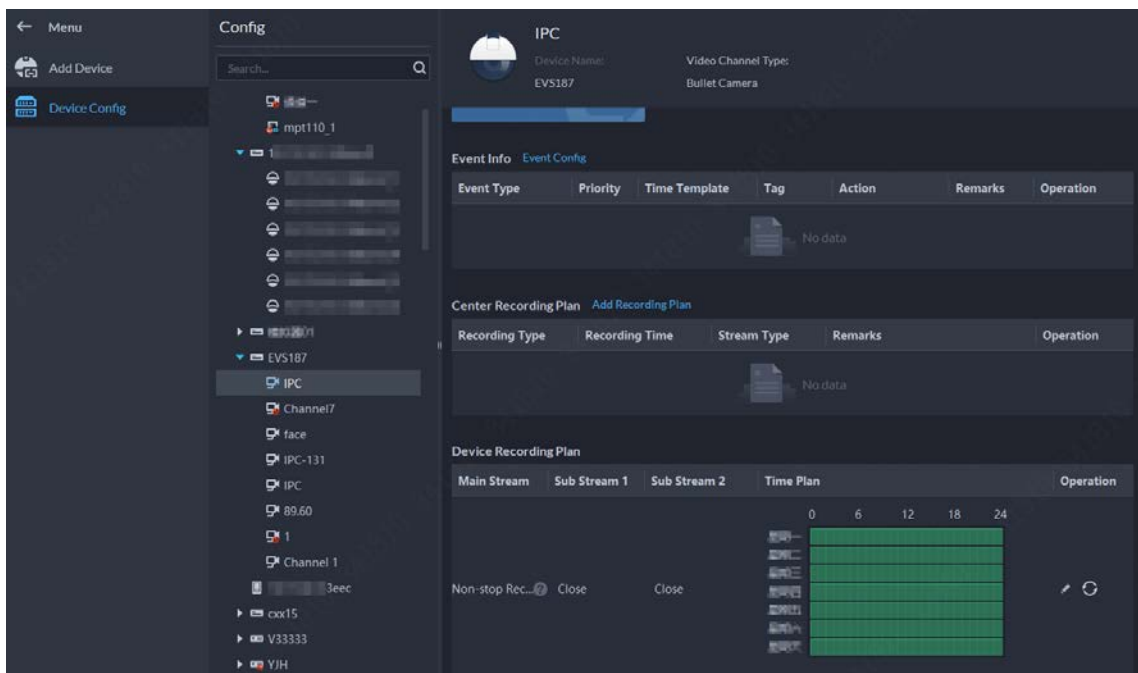


Figure 1-14 Configure EVS recording plan

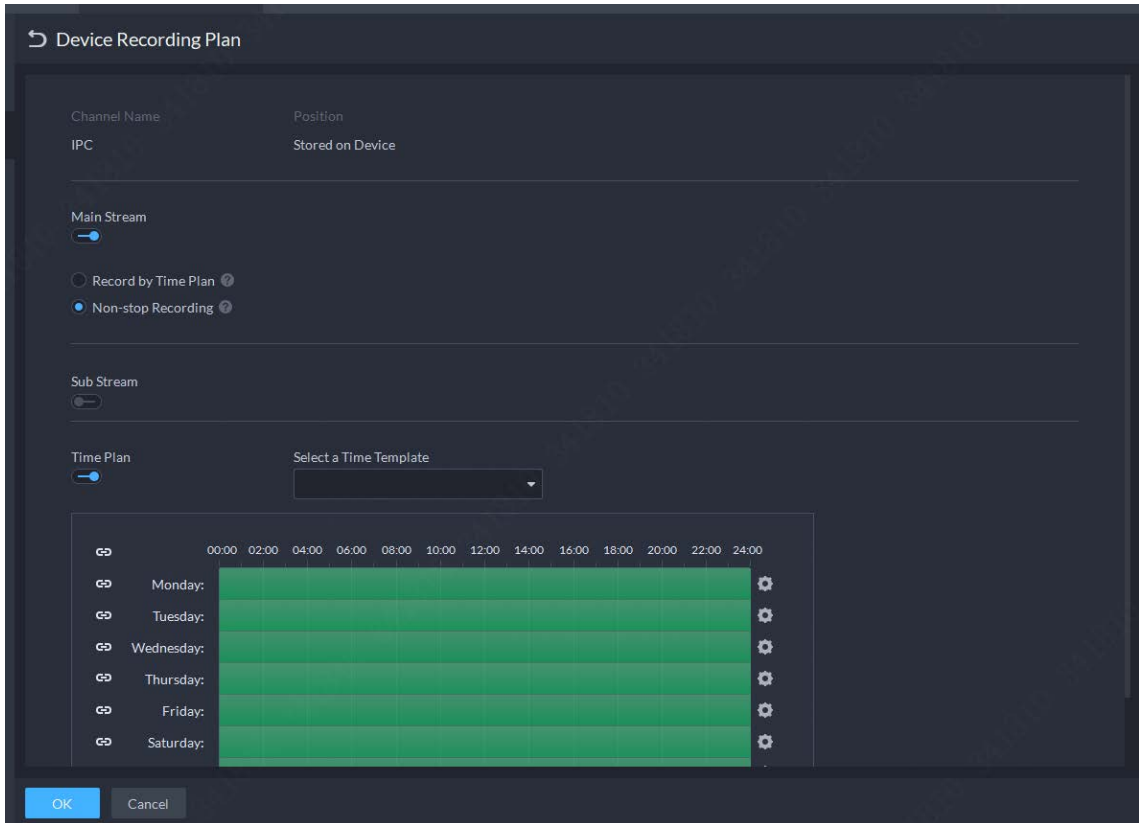
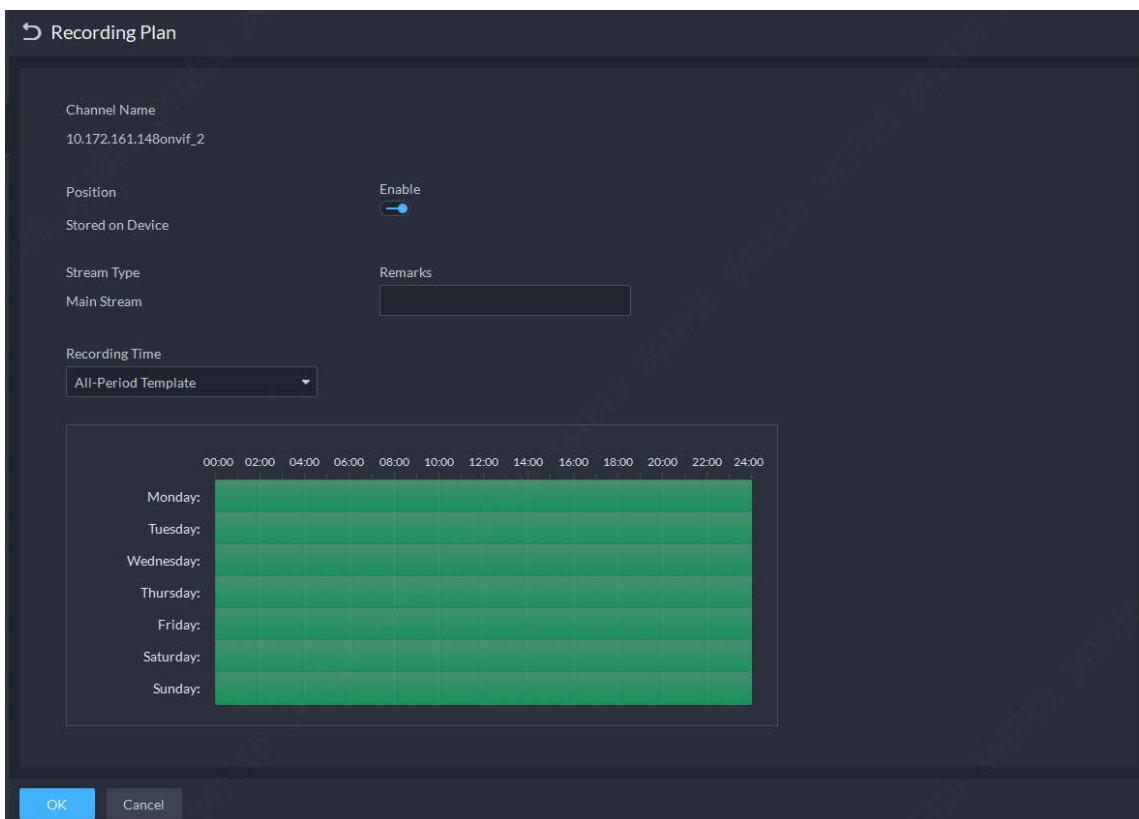


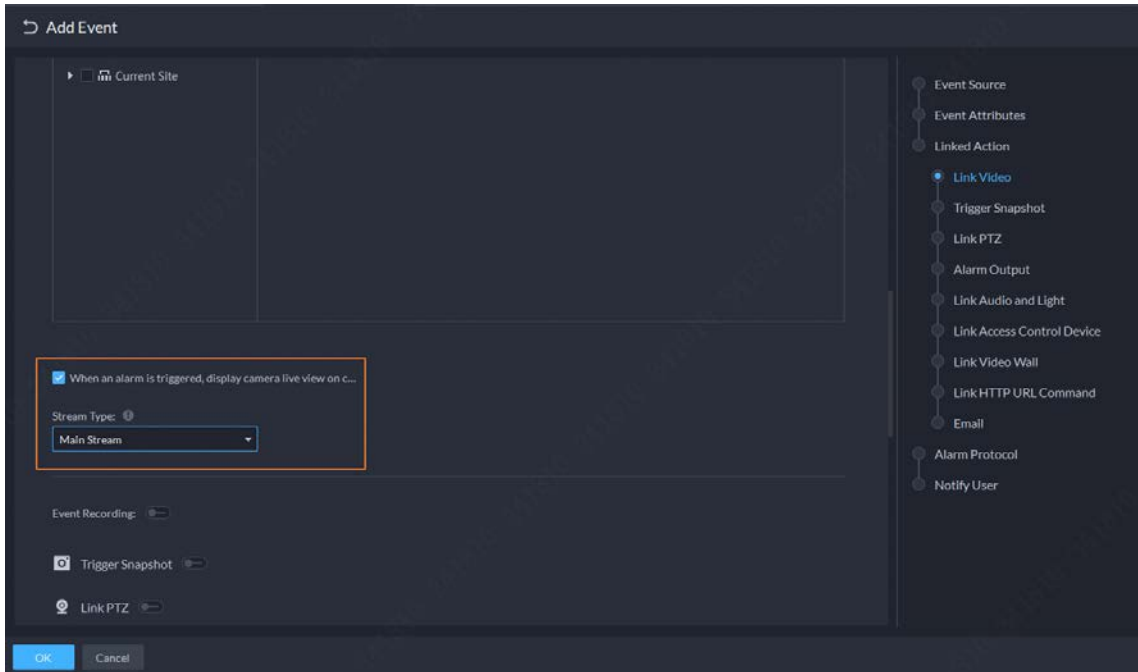
Figure 1-15 Configure recording plans for other devices



1.3.7 Event

- You can configure the stream of real-time video when an alarm is triggered.

Figure 1-16 Configure the stream of a real-time video



- The platform will obtain the pre-recorded portion in the cache and add it to the event video
 - The platform continuously stores 10 s of video in the cache.
 - When pre-recording bandwidth exceeds the limit for a single service, the platform sends a prompt message.

Figure 1-17 Stream pulling for alarm center recordings



- Optimized alarm event-linked videos.
 - When the same alarm source reports the same event, the real-time video will be replaced. When different alarm sources report the same event, the platform will find an available alarm window. If there is no available alarm window, the earliest real-time alarm video will be replaced.
 - The issue is fixed where the top tool bar covers the OSD information in the alarm video.
 - The issue is fixed where the top tool bar covers the OSD information when the pop-up window displays real-time alarm video.

Figure 1-18 Alarm displayed in an alarm window

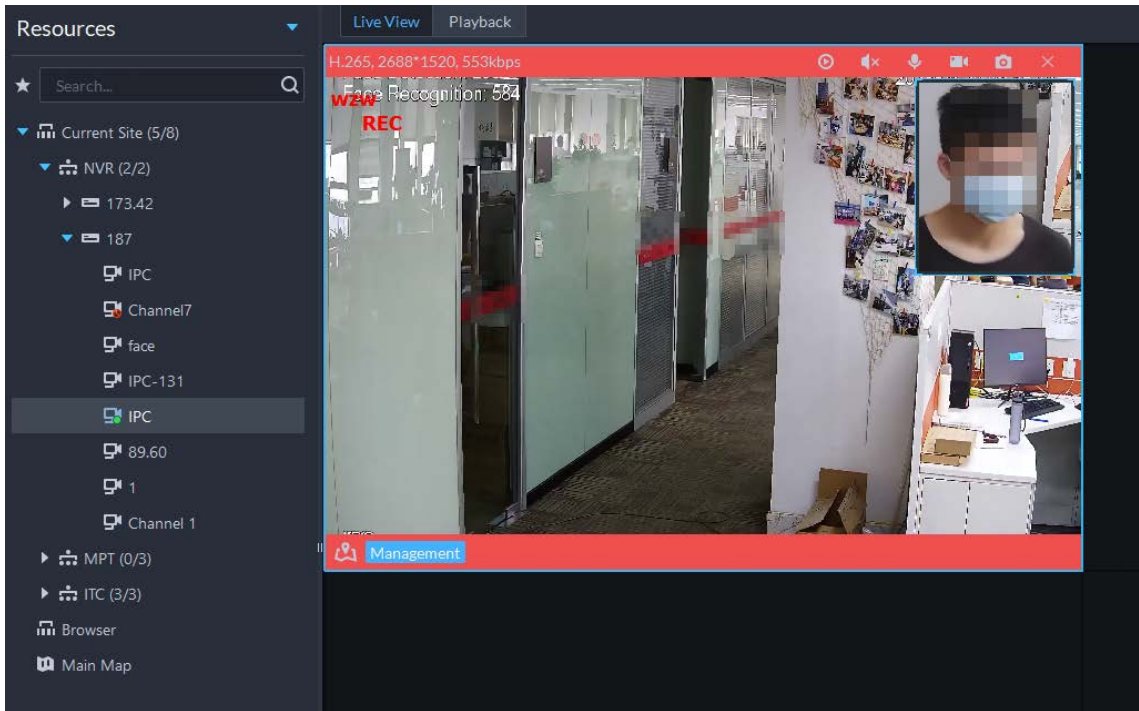
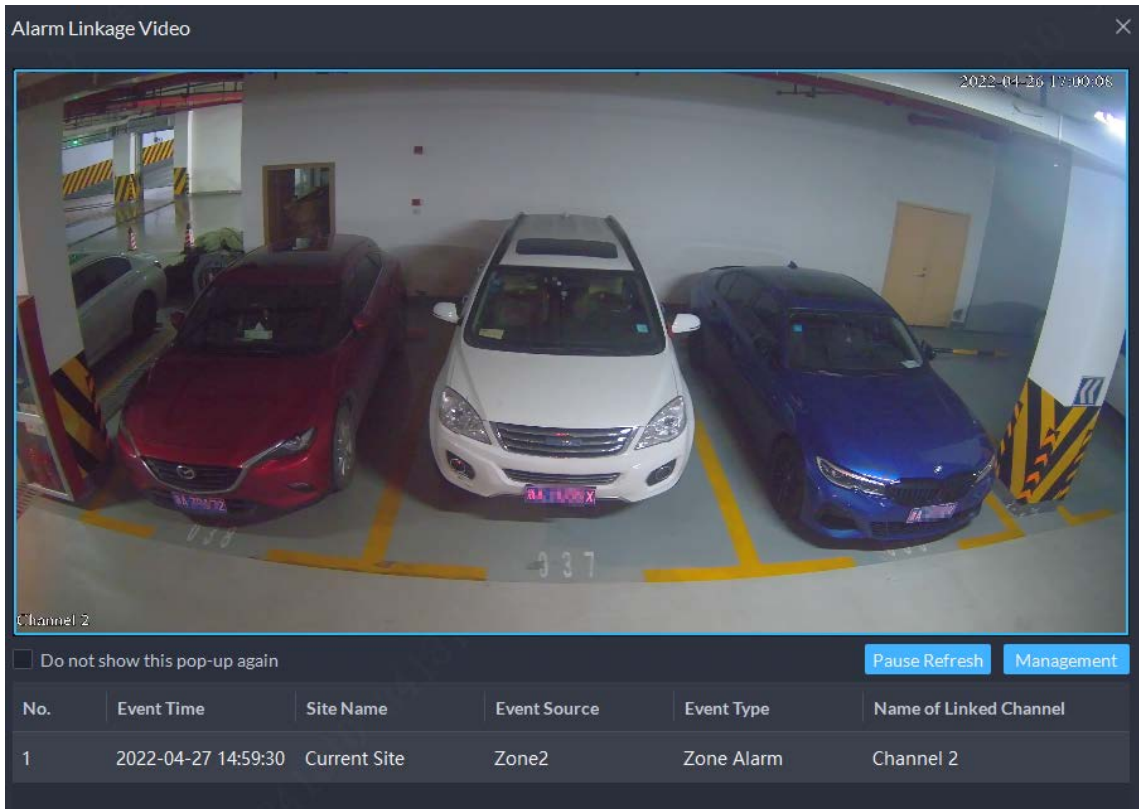
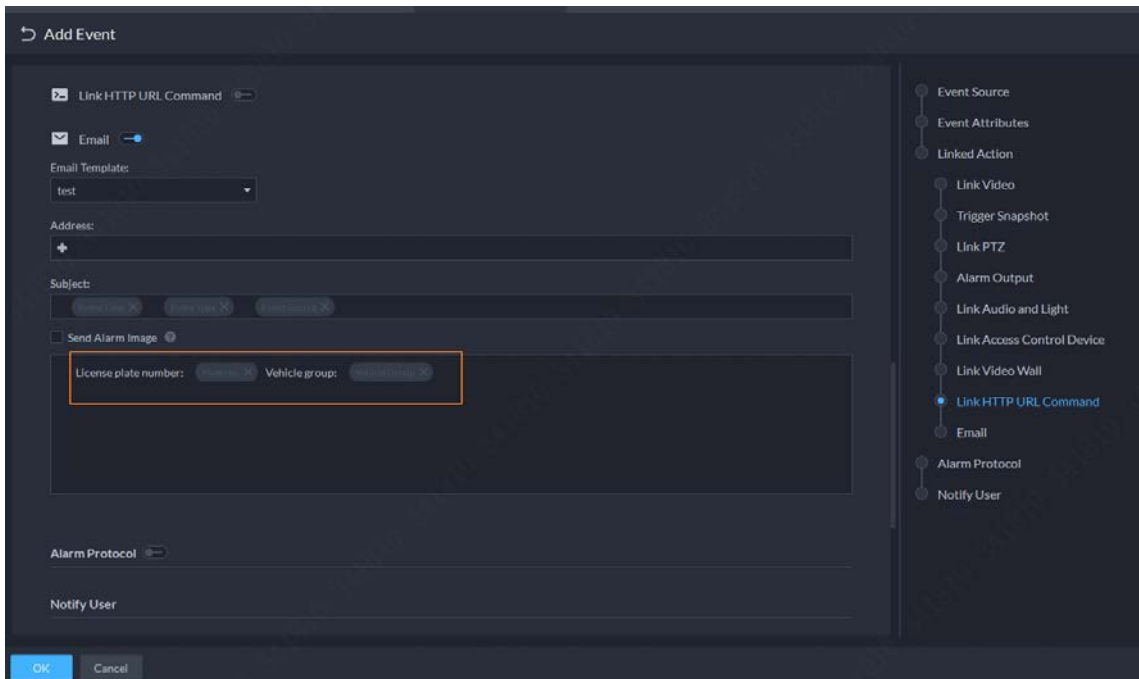


Figure 1-19 Alarm in a pop-up window



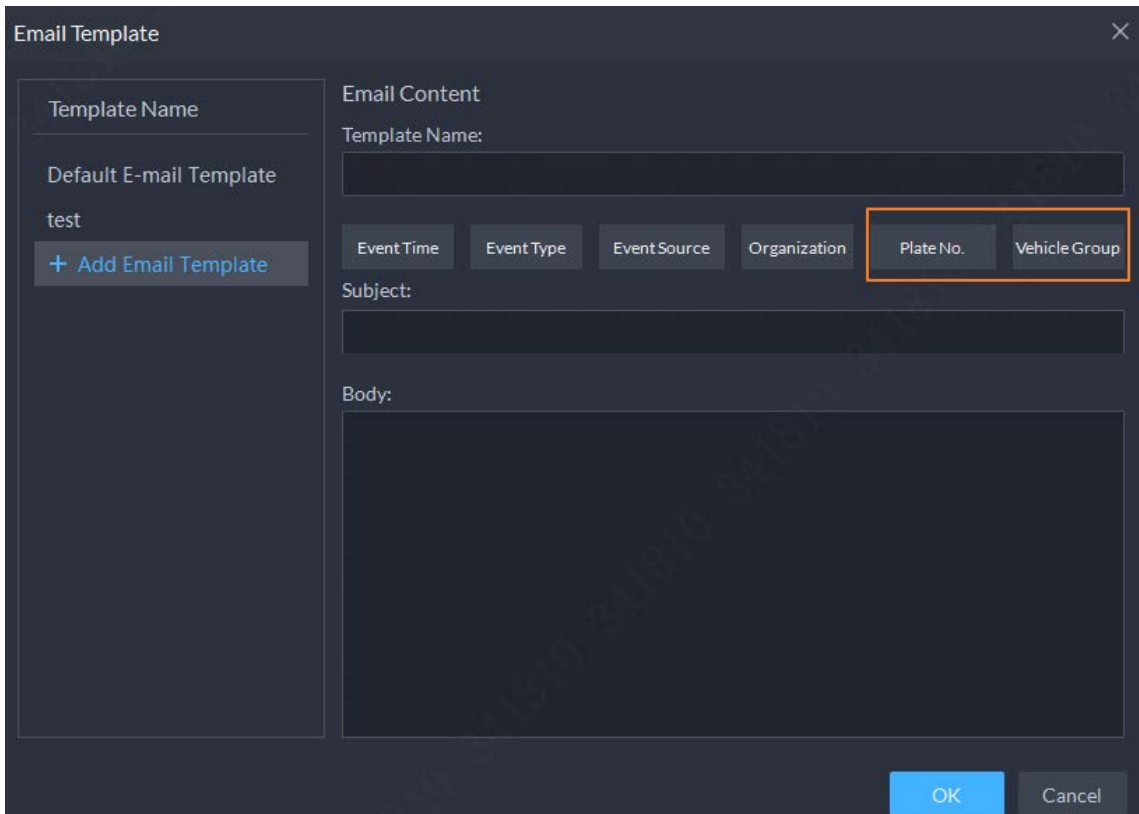
- For linked parking lot events, vehicle group and plate number are added to emails by default.

Figure 1-20 Email linked to parking lot events



- Added plate number and vehicle group to the email template.

Figure 1-21 Email template



1.3.8 Arming

Added the function that allows you to send face comparison groups to face recognition IPCs connected to EVS.

- The platform separates sending and arming face comparison groups.
- If a device, such as IVSS, supports face recognition, the platform sends face comparison groups to the device.
- If a device, such as EVS, does not support recognition, the platform sends face comparison groups to the channels connected to the EVS.

Figure 1-22 Networking for sending face comparison group

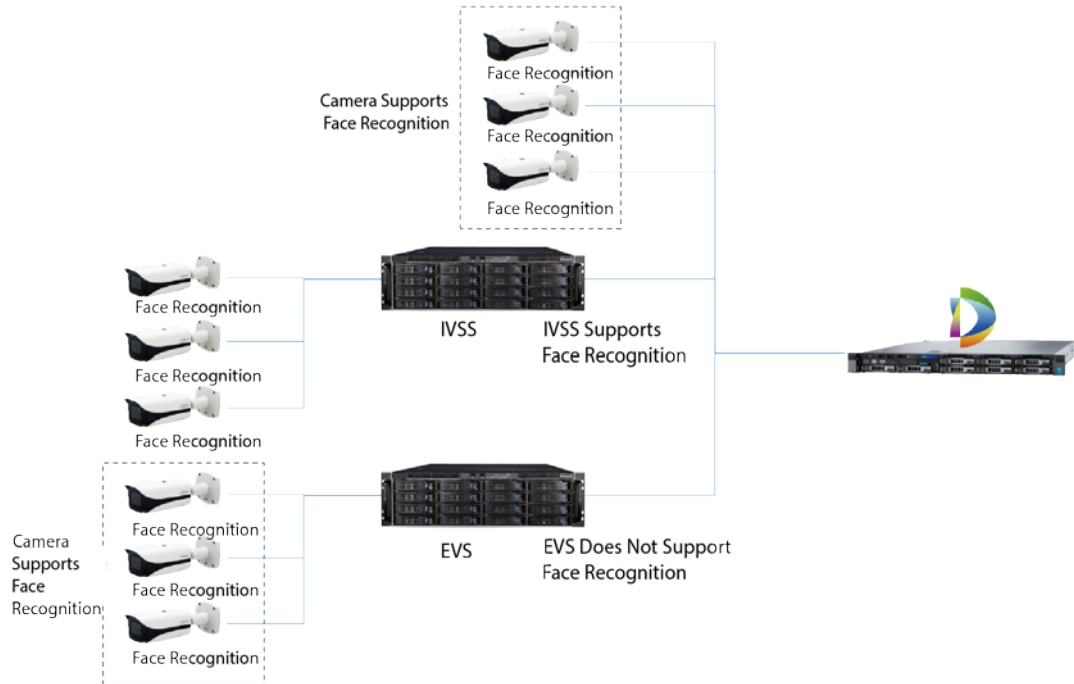
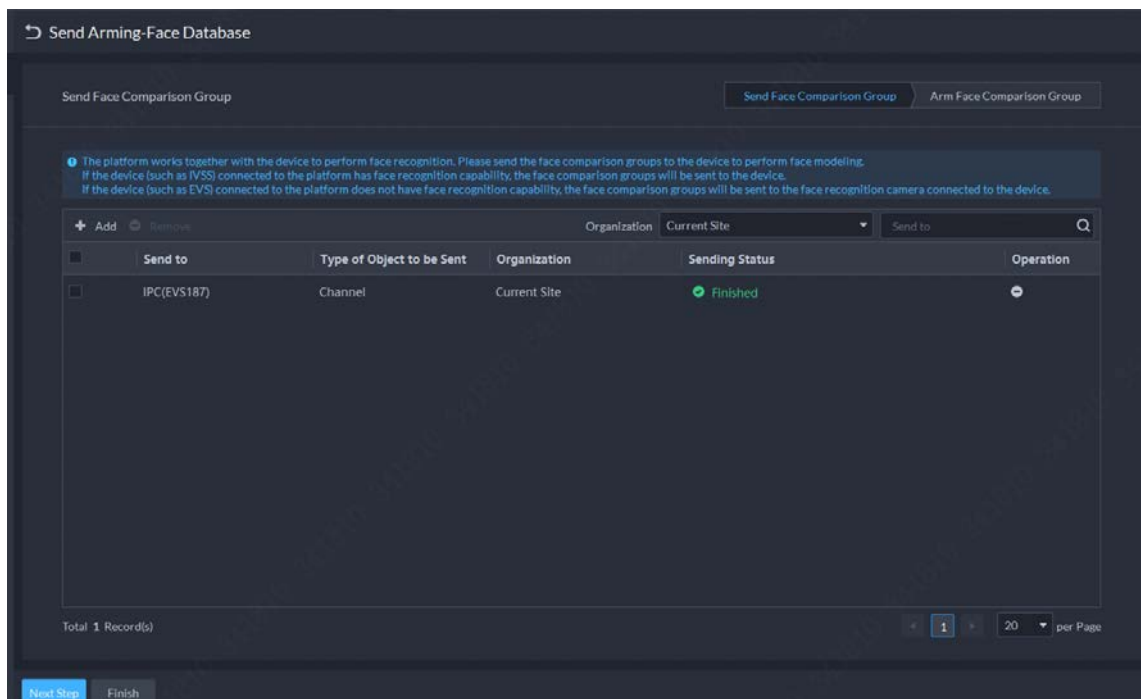


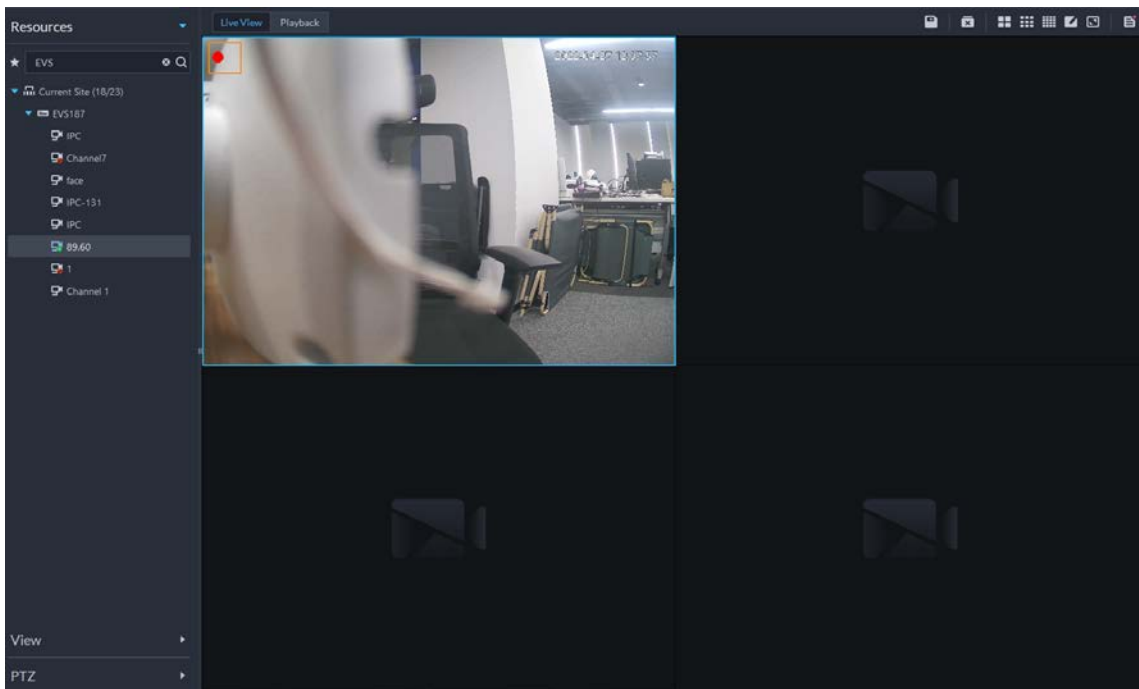
Figure 1-23 Send and arm face comparison group



1.3.9 Resource Monitoring

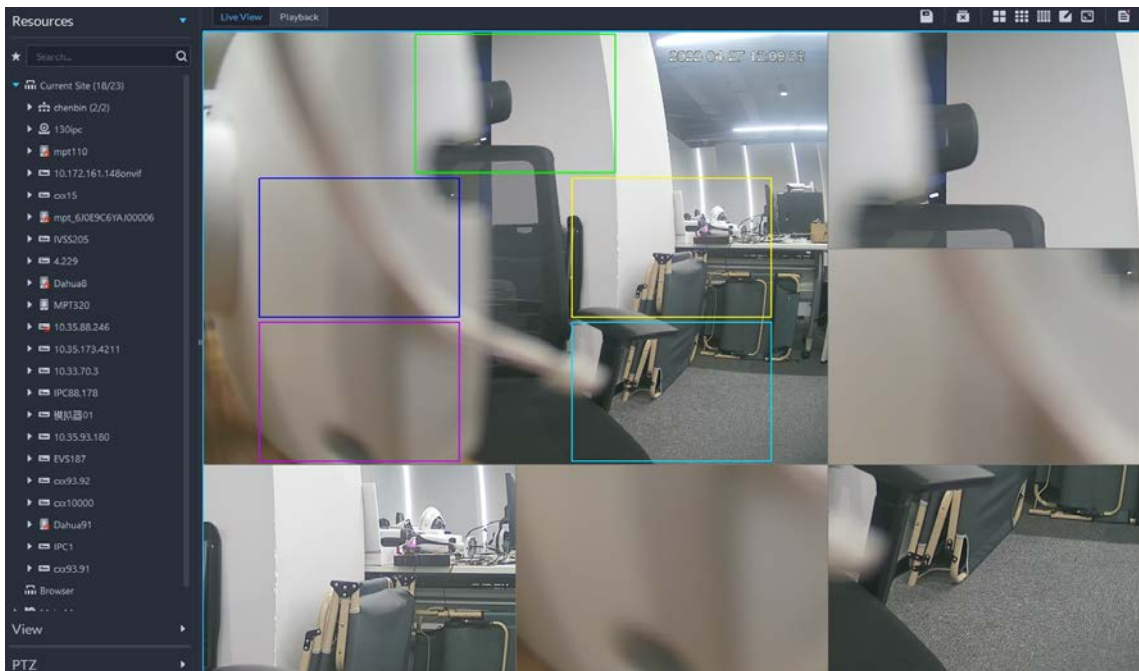
- Displays the recording status of EVS.

Figure 1-24 Recording status of EVS



- Optimized E-PTZ functions.
 - ◇ 2 window split modes are added.
 - ◇ You can enable and disable target tracking.
 - ◇ The camera will be tracking the target until it disappears.

Figure 1-25 E-PTZ tracking

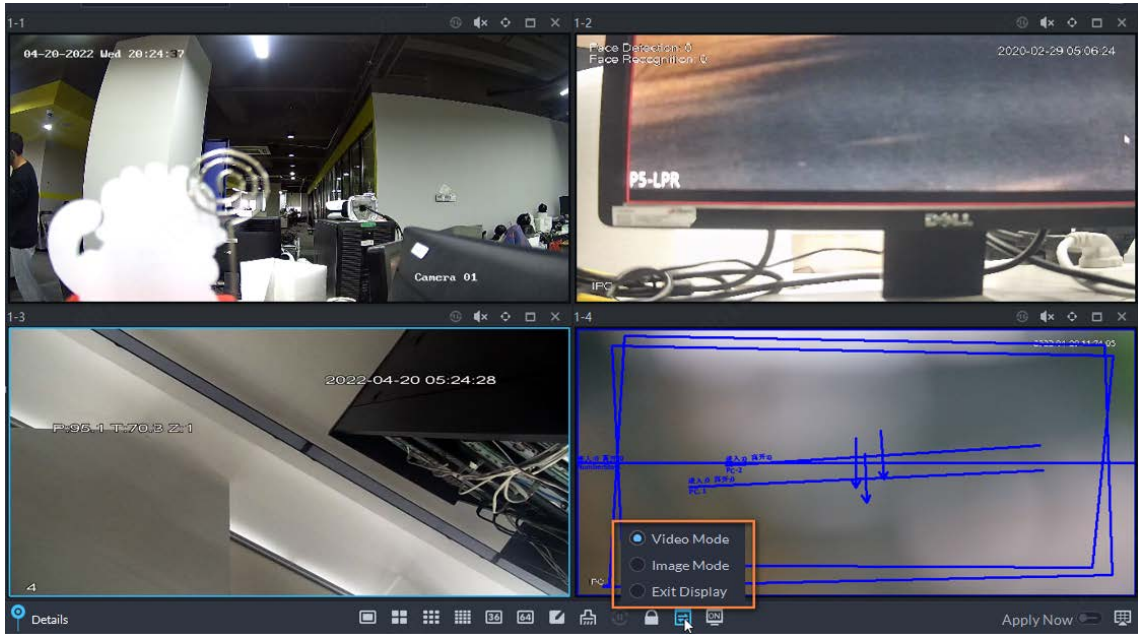


1.3.10 Video Wall

- Image and video modes are supported.
- In video mode, you can open the real-time videos of all the channels bound to the video wall at

the same time.

Figure 1-26 Display mode



1.3.11 Parking Lot

- Optimized basic parking lot configuration.
 - ◇ You can set fuzzy matching rules for matching passed vehicles with vehicles in the vehicle group.
 - ◇ You can select a general passing rule, which applies to most situations.
 - ◇ You can set custom passing rules. For example, you can specify that only registered vehicles can pass, all vehicles can pass, or whether vehicles can pass if there is no parking space. You can also set whether verification or card swiping is required to open the barrier, and specify that certain vehicles do not occupy parking spaces after passing.
 - ◇ You can send the allowlist and blacklist to specified entrance/exit points.

Figure 1-27 Fuzzy matching rule

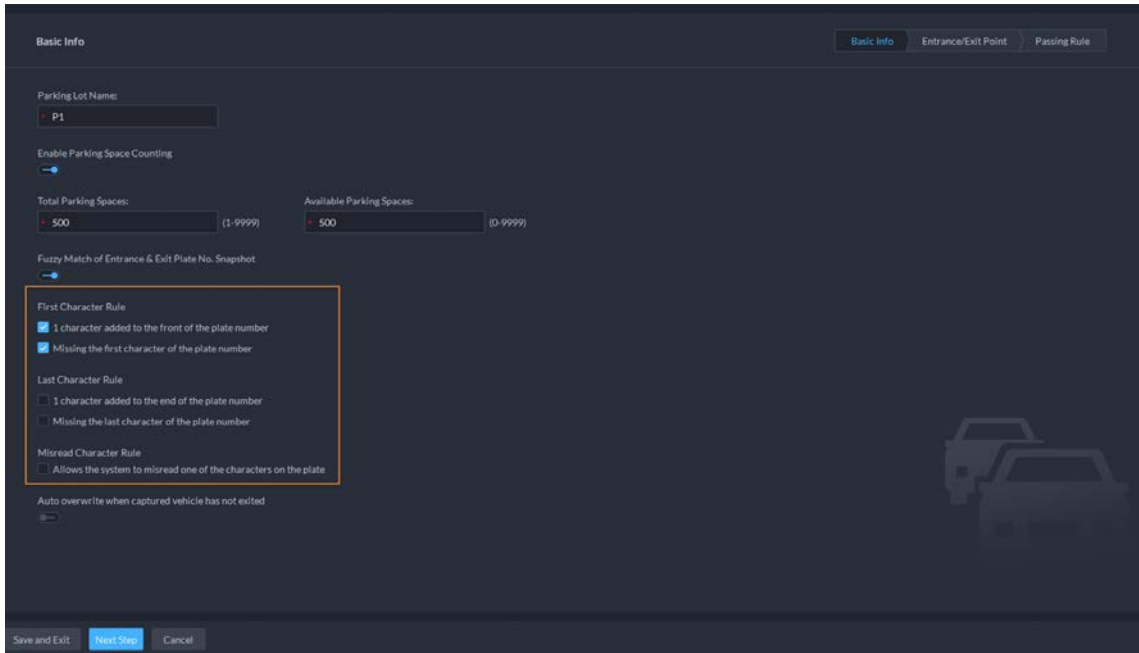


Figure 1-28 Configure a general passing rule

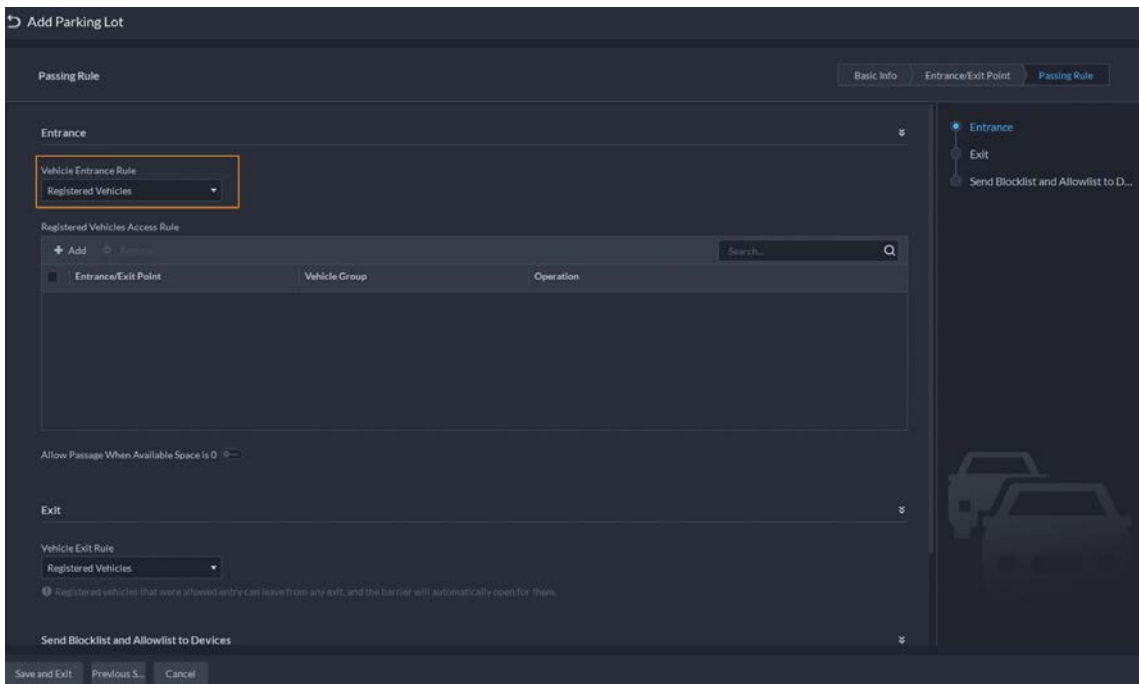


Figure 1-29 Configure a custom passing rule

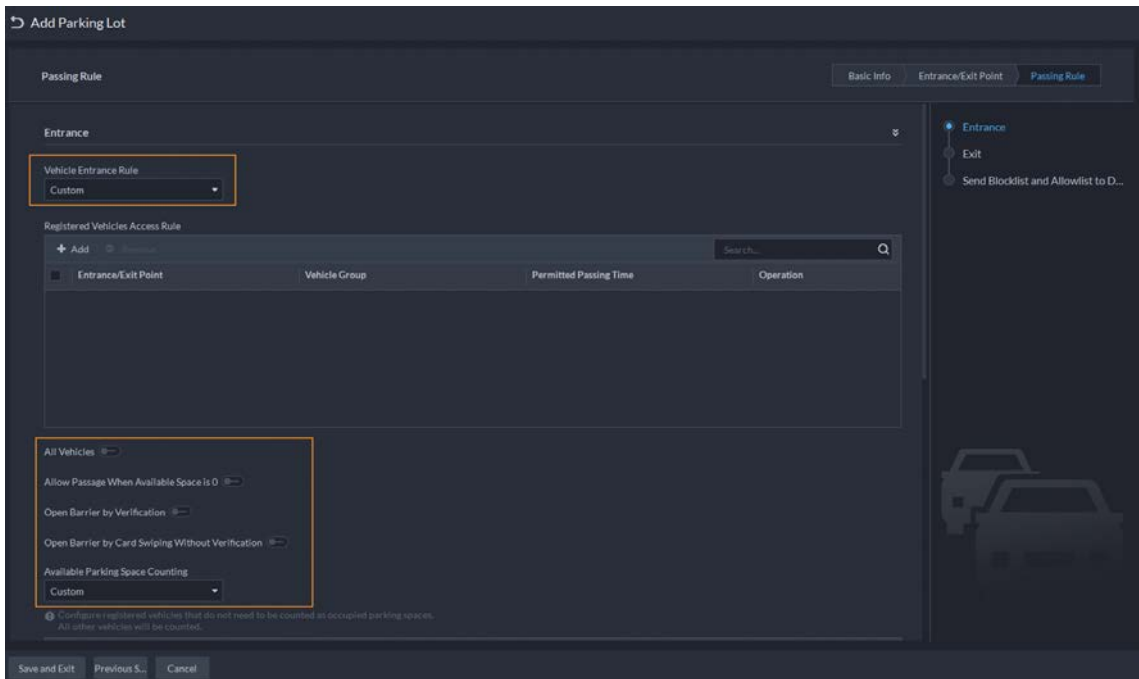
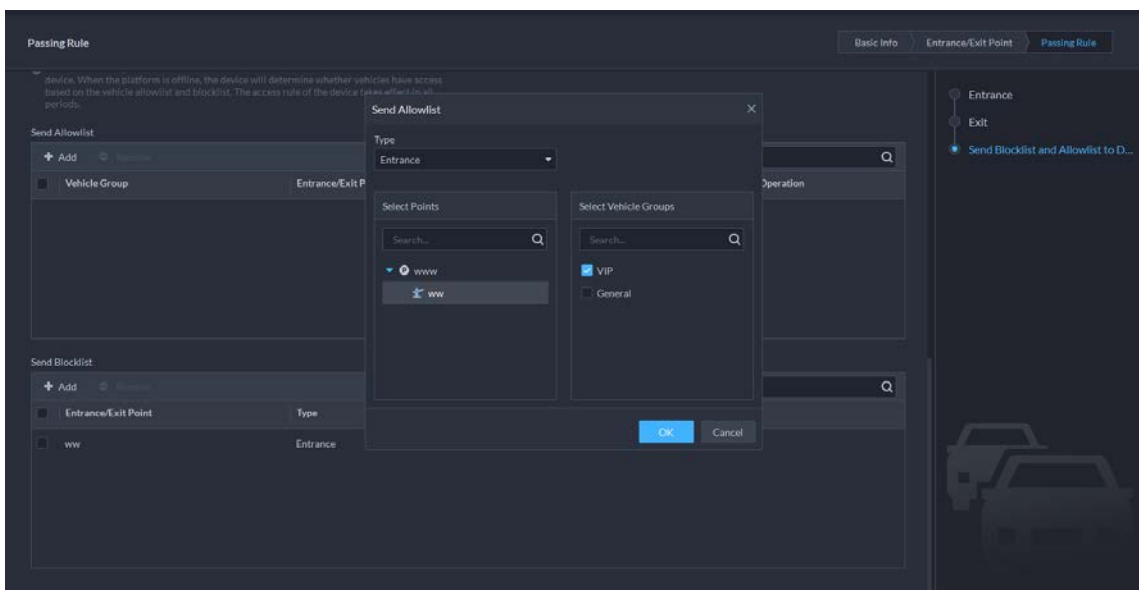


Figure 1-30 Send the allowlist and blocklist to specified entrance/exit points



- Modified event parameters.
 - ◇ You can configure parking timeout parameters, including overtime parking threshold, detection interval, and vehicles to trigger alarms.
 - ◇ You can configure parameters related to no entry/exit records, including no entry/exit record duration and statistical time point.
 - ◇ After you configure event parameters, the parameters are used to trigger events.

Figure 1-31 Configure parking timeout parameters

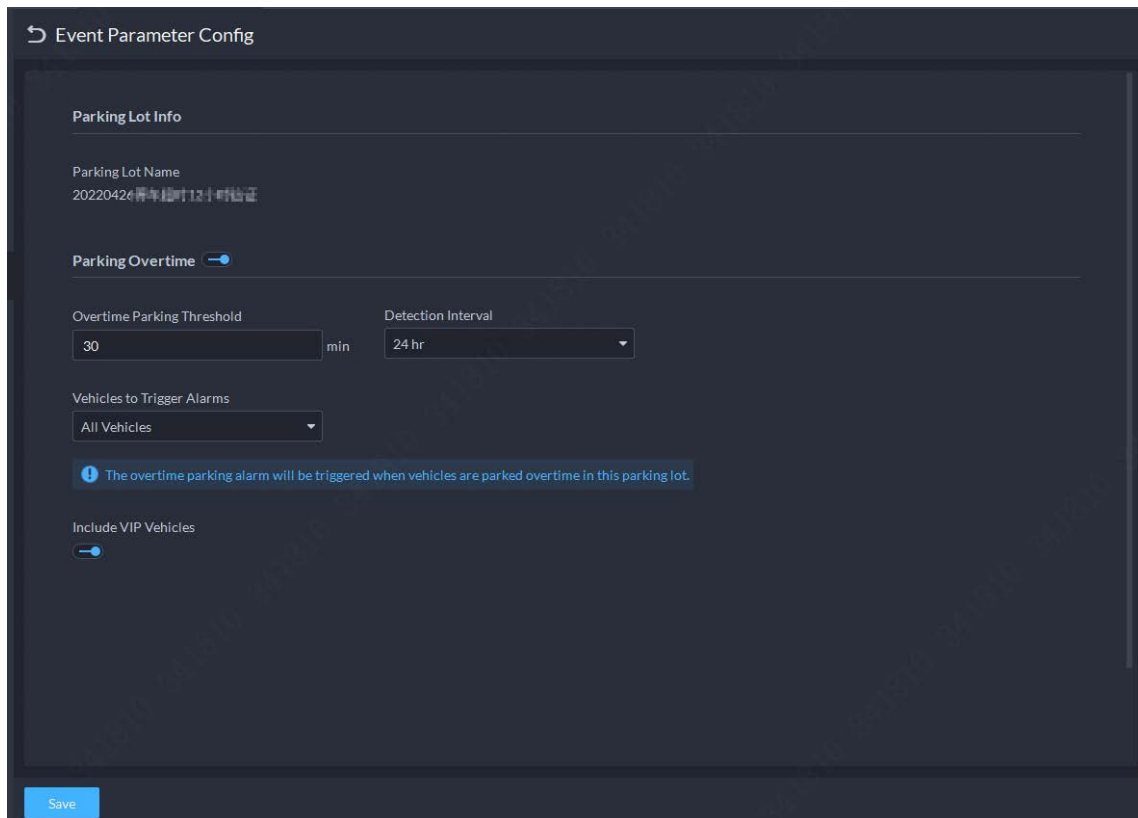
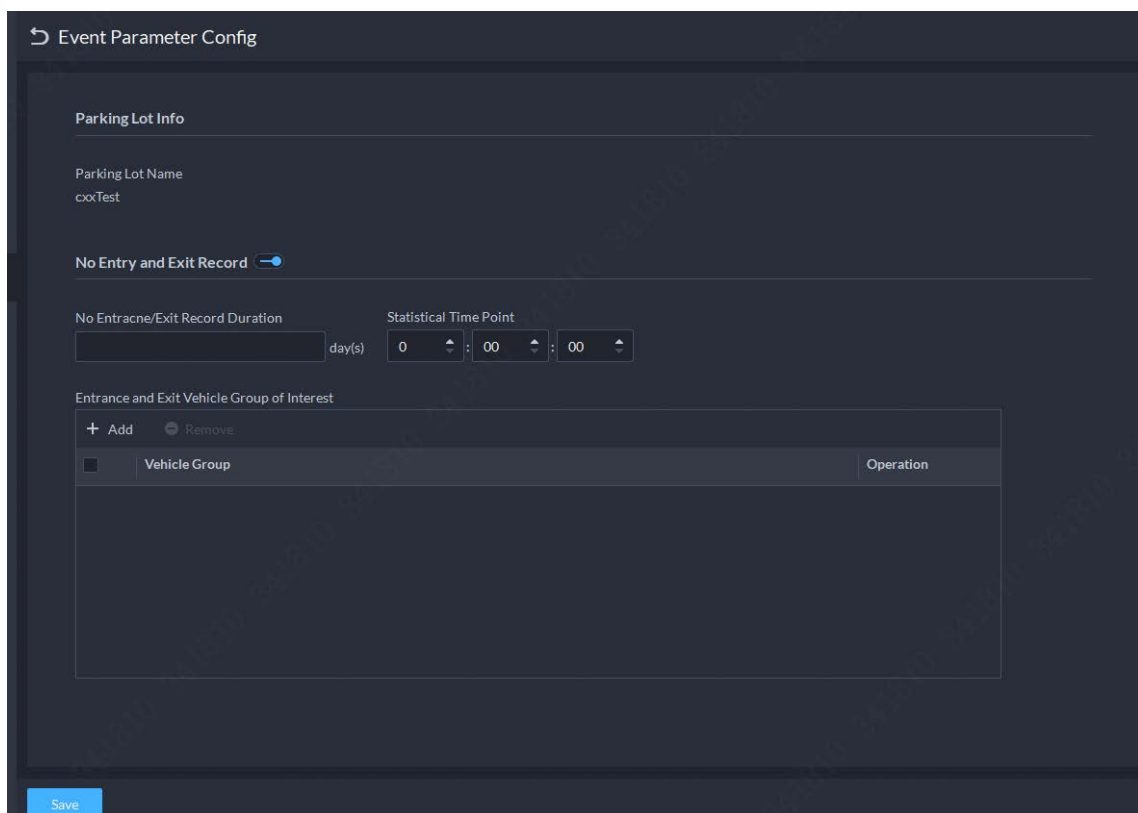


Figure 1-32 Configure parameters related to no entry/exit records



- Optimized entrance/exit monitoring.
 - ◇ The device tree on the left is canceled and changed to the pop-up mode, so that there is more space to display videos.

- ◇ For dual-camera entrance or exit, the real-time videos of both cameras will be displayed in the same window, so that you can view more real-time videos from more entrance/exit points.
- ◇ When you open a real-time video, the latest record of not opening barrier is displayed.
- ◇ A record of barrier not opened will only be displayed for 10 minutes.
- ◇ If a record of barrier not opened is at an exit point, the corresponding entrance record will be displayed to show the parking duration of the vehicle.
- ◇ Passing permissions are displayed.
- ◇ Vehicle passing records can be displayed in a list or card. In list mode, you can view more information.
- ◇ You can manually open barrier on the real-time video.
- ◇ When you select opening the barrier directly, you can specify whether to count a parking space.
- ◇ When you select opening the barrier and record the plate number, you can manually enter the plate number of the vehicle, and then the platform will capture an image of the vehicle and open the barrier.

Figure 1-33 Po-up resource tree

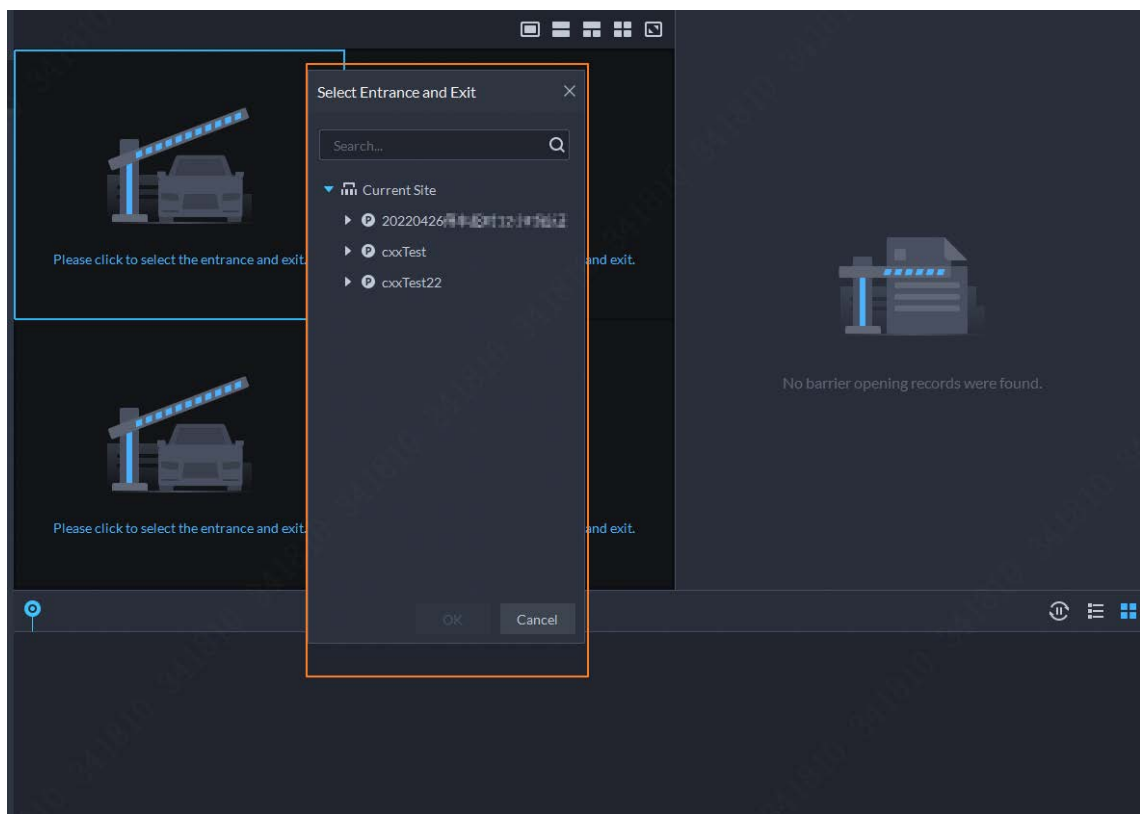


Figure 1-34 Records of barrier not opened

The screenshot displays the AHD software interface. At the top, there are navigation icons and a title bar. The main area is divided into several sections:

- Top Left:** A diagram of a barrier gate with a car icon and the text "Please click to select the entrance and exit."
- Top Right:** A video feed labeled "coxTest-position-enter" with a timestamp of "2022-04-28 06:31:21".
- Middle Left:** A video feed labeled "coxTest22-position-exit" showing two cameras of a car passing through a barrier.
- Middle Right:** A video feed labeled "Out" showing a car passing through a barrier.
- Bottom Right (Sidebar):** Details for a selected record:
 - position - exit
 - 10:31:22
 - No Permission
 - Plate No. SMB2173
 - Fuzzy Match No
 - Vehicle Attribute Non-registered Vehicle
 - Parking Lot coxTest22
 - Owner Name -
- Bottom:** A table listing records. The first two rows are highlighted in blue.

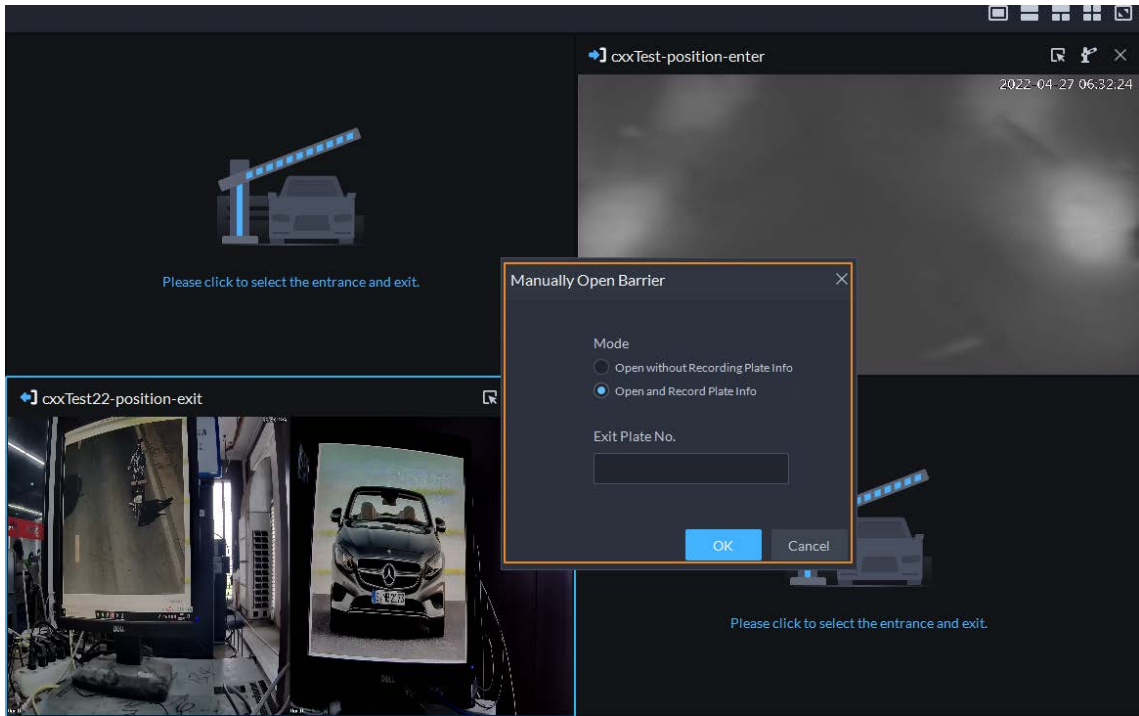
Parking Lot Name	Point Name	Entrance/Exit Name	Driving Direction	Capture Time	Plate No.	Fuzzy Match	Vehicle Attribute	Permission	Owner Name	Operation
coxTest22	position	exit	Out	2022-04-28 10:31:22	SMB2173	No	Non-registered Vehi...	No Permission	-	⊙
coxTest22	position	exit	Out	2022-04-28 10:29:46	TM03NRD	No	Non-registered Vehi...	No Permission	-	⊙

Figure 1-35 Vehicle passing records in a list

This screenshot is identical to Figure 1-34, showing the same software interface with video feeds and a table of records. The table at the bottom is highlighted with a yellow border, emphasizing the vehicle passing records.

Parking Lot Name	Point Name	Entrance/Exit Name	Driving Direction	Capture Time	Plate No.	Fuzzy Match	Vehicle Attribute	Permission	Owner Name	Operation
coxTest22	position	exit	Out	2022-04-28 10:31:22	SMB2173	No	Non-registered Vehi...	No Permission	-	⊙
coxTest22	position	exit	Out	2022-04-28 10:29:46	TM03NRD	No	Non-registered Vehi...	No Permission	-	⊙

Figure 1-36 Manually open the barrier



- Optimized the voice talk function.
 - ◇ The real-time video of the VTO will be displayed in the same window as entrance/exit videos. You can switch the videos for on the top of the window.
 - ◇ When a call come through, records of barrier not opened are automatically displayed if there is any. If there is no such record, you can manually open the barrier.

Figure 1-37 Voice talk with a record of barrier not opened

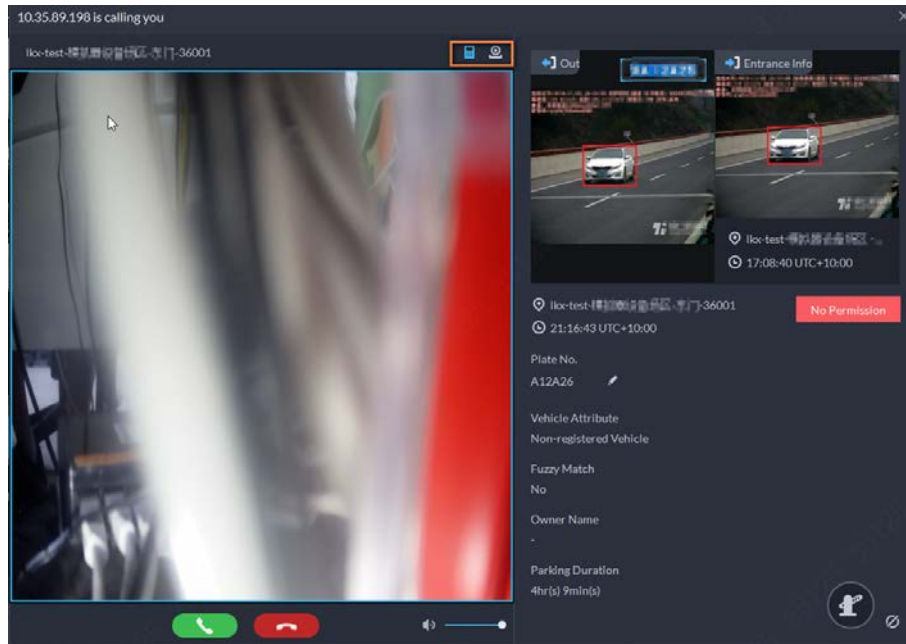
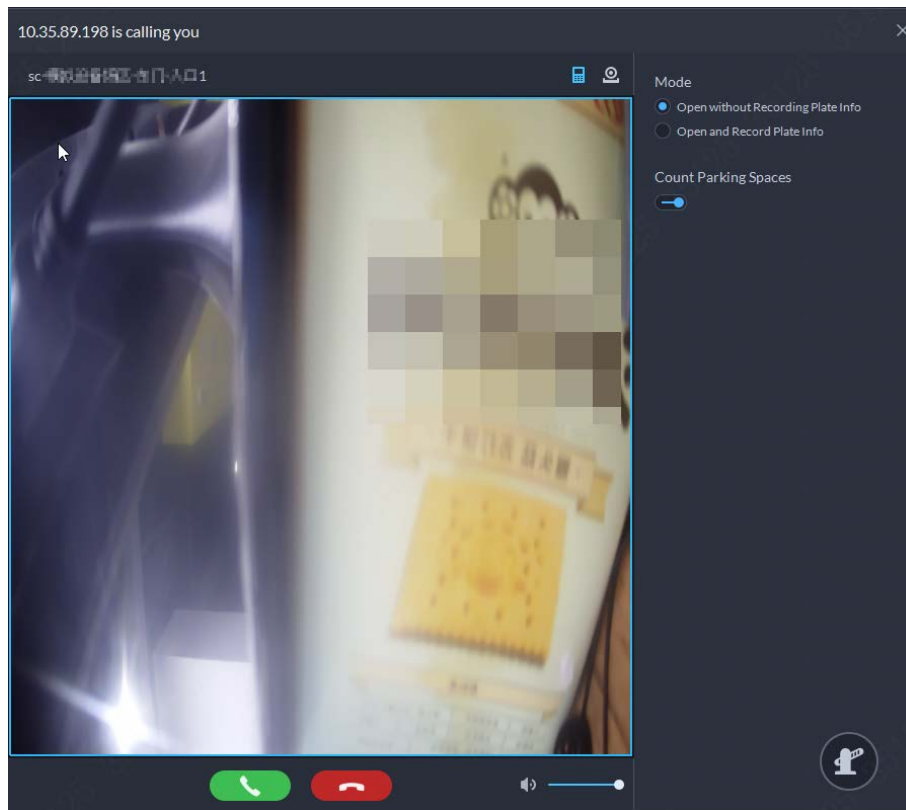


Figure 1-38 Voice talk with no record of barrier not opened



- Optimized information search.
 - ◇ You can search for records based on card swiping information.
 - ◇ Vehicle brand and color are used as separate search conditions.

Figure 1-39 Search for records based on card swiping information

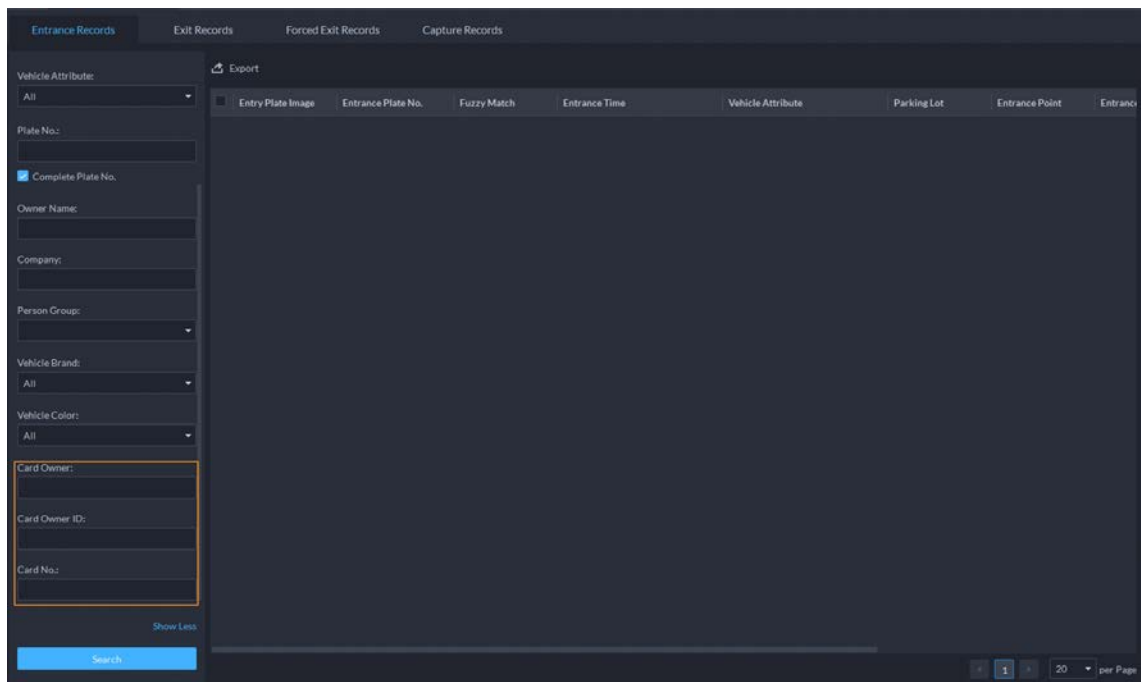
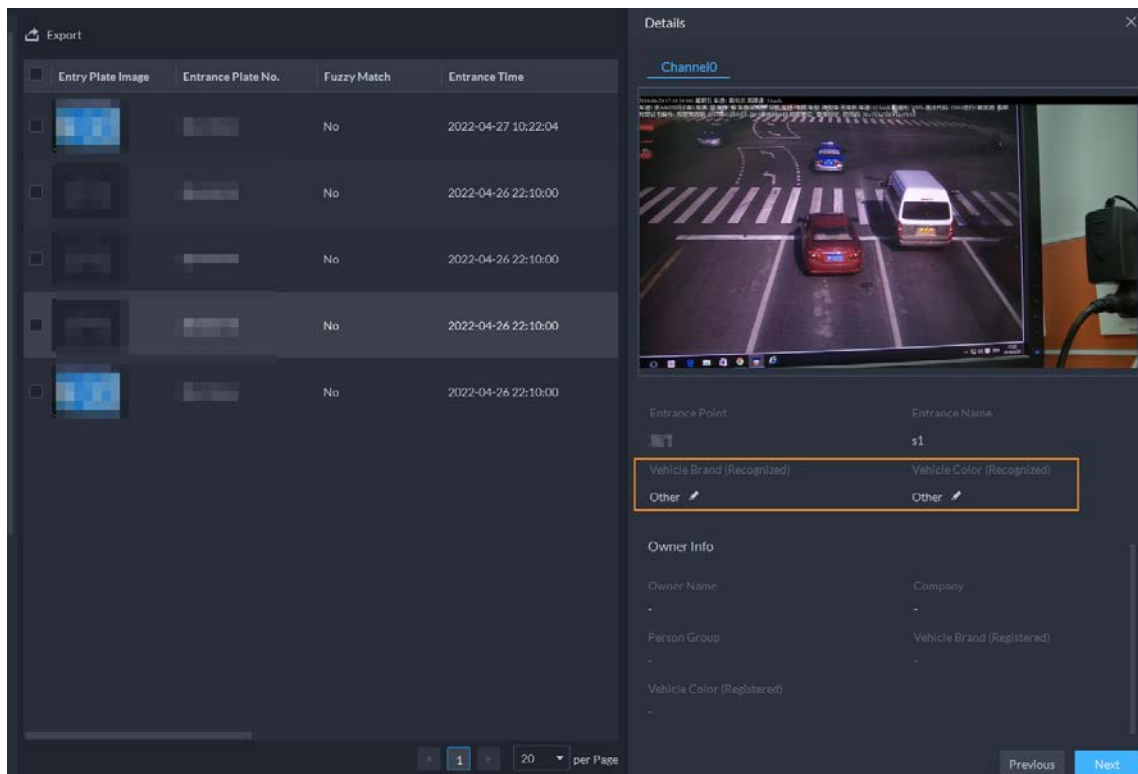


Figure 1-40 Display a detailed record



1.3.12 Intelligent Analysis

Added scheduled report configuration for intelligent analysis.

- Daily report: Data from yesterday will be sent to your email at a defined time. If set to 03:00:00, the data from the day before (00:00:00–23:59:59) will be sent to your email at 03:00:00 every day.
- Weekly report: Data from last week will be sent to your email at a defined time. If set to 03:00:00 on Wednesday, the data from Wednesday to Tuesday of each week will be sent to your email at 03:00:00 every Wednesday.
- Monthly report: Data from last month will be sent to your email at a defined time. If set to 03:00:00 on 3rd, the data from 3rd of last month to 2nd of the current month will be sent to your email at 03:00:00 on 3rd of each month.

Figure 1-41 Configure scheduled reports

Scheduled Report Config

i Only sends historical data for people counting.

Report Sending Time ⓘ

Daily 0 : 00 : 00

Weekly Sunday 0 : 00 : 00

Monthly 1 0 : 00 : 00

Email

Email Address

+

Email Body

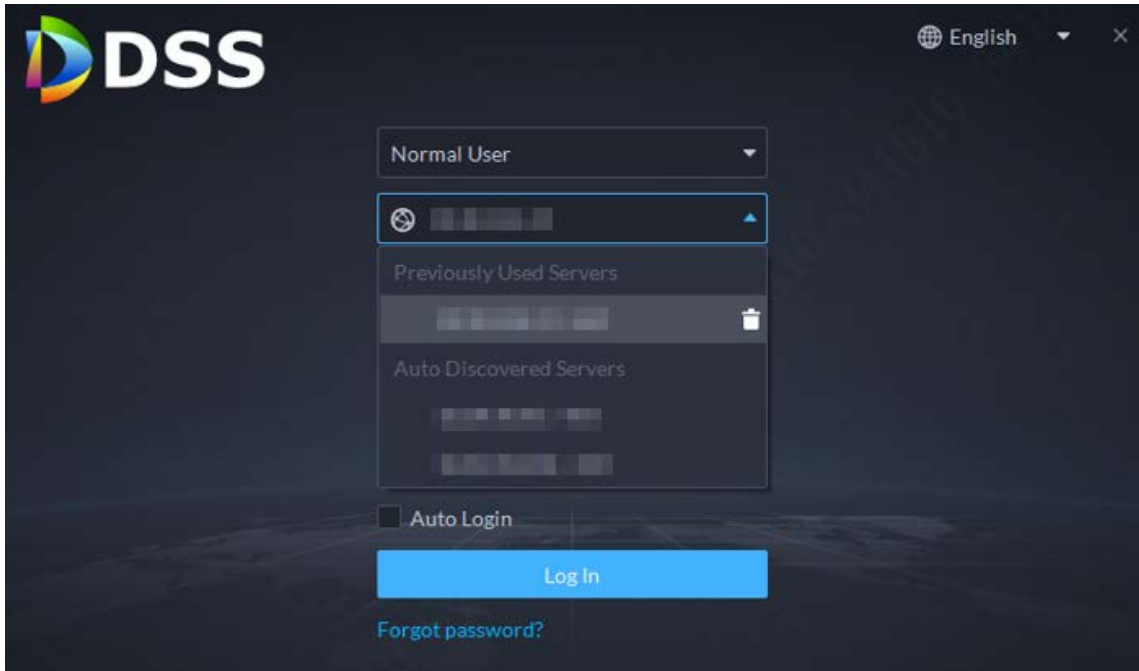
Dear customer, the historical data for people counting was sent to your email. You can check it at your earliest convenience. Have a lovely day.

1.3.13 Client Login

Optimized the management of platform information.

- The client displays the IP addresses and port numbers of platforms in the drop-down list.
- The client remembers the IP addresses and port numbers of the platforms that you have logged in to before.
- The client will discover the platforms that are on the same network segment as the client.

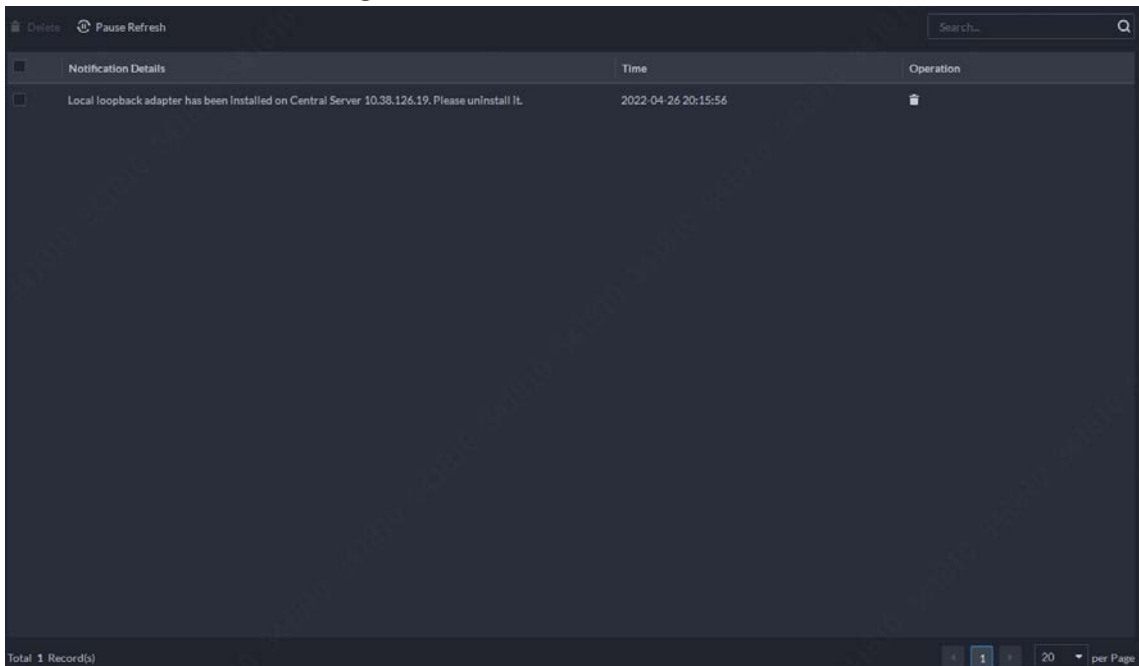
Figure 1-42 Display IP addresses and port numbers in a drop-down list



1.3.14 Top Menu

Added a notification center to display system messages, such as an export task is complete, or the information of a device was edited or deleted.

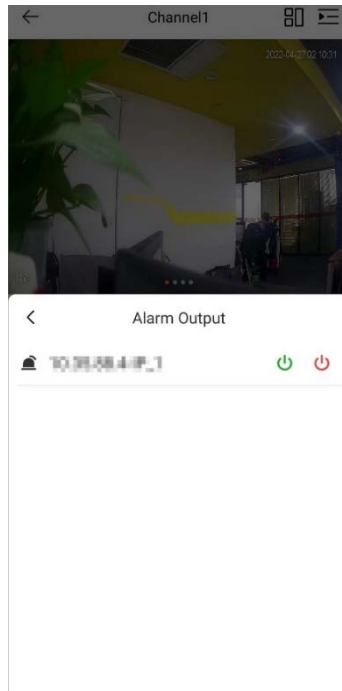
Figure 1-43 Notification center



1.3.15 Mobile Client

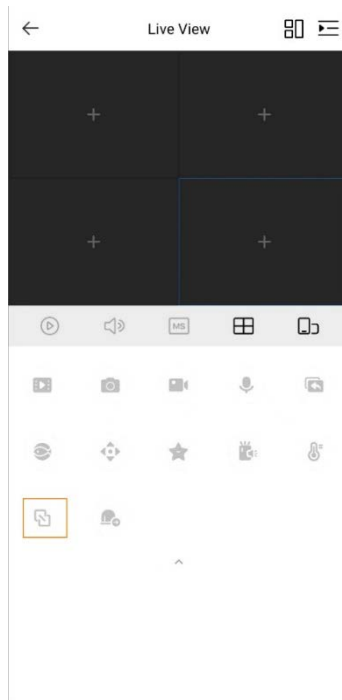
- Added alarm output control.

Figure 1-44 Control alarm output



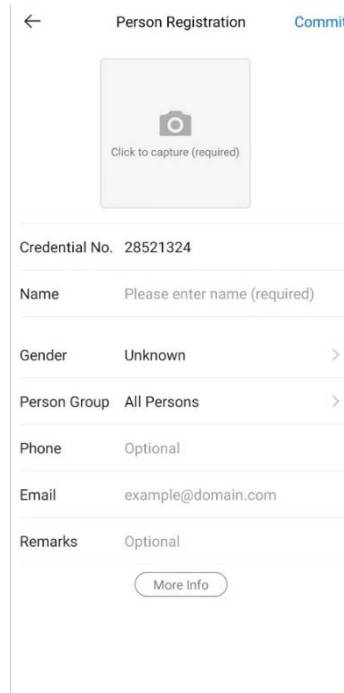
- Added soft trigger.

Figure 1-45 Soft trigger



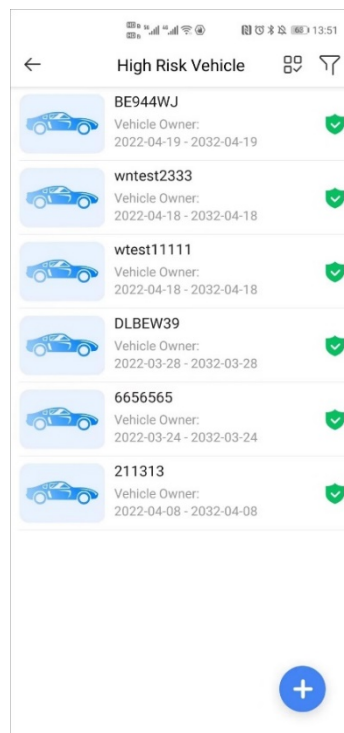
- Supports adding person information.

Figure 1-46 Add person information



- Supports adding vehicles.

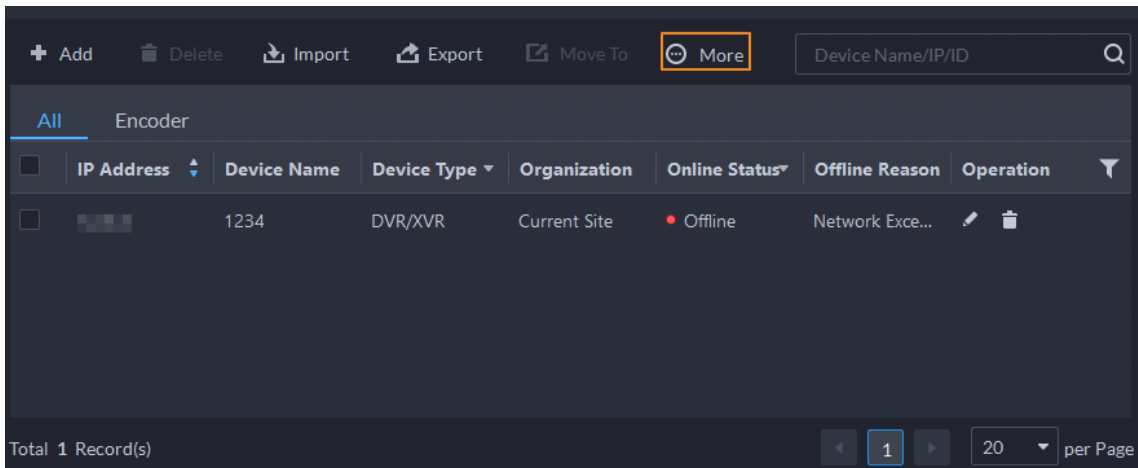
Figure 1-47 Add vehicles



1.3.16 Others

You can click **More** to view more buttons in the tool bar.

Figure 1-48 View more buttons



1.4 Operating System Compatibility Description

OS Name	OS Type	Platform Type	Test Strategy	Test Result
winserver2012-64bit	Physical machine	Server	Auxiliary test	PASS
winserver2016-64bit	Physical machine	Server	Auxiliary test	PASS
winserver2019-64bit	Physical machine	Server	Main test	PASS
win10 20H2-64bit	Physical machine	Server	Main test	PASS
win7-32bit	Physical machine	Client	Auxiliary test	PASS
win7-64bit	Physical machine	Client	Auxiliary test	PASS
win10 20H2-64bit	Physical machine	Client	Main test	PASS
win10 20H2-32bit	Physical machine	Client	Auxiliary test	PASS
winserver2008-64bit	Physical machine	Client	Auxiliary test	PASS
winserver2012-64bit	Physical machine	Client	Auxiliary test	PASS
winserver2019-64bit	Physical machine	Client	Auxiliary test	PASS
winserver2016-64bit	Physical machine	Client	Auxiliary test	PASS
win11-64bit	Physical machine	Client	Auxiliary test	PASS

ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD.

Address: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

Postcode: 310053

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

Website: www.dahuasecurity.com