



EN

# Full User Manual

**eneo INsight**

**Control Software  
for recorder**

**IN-Series  
MN-Series**



Learn more about **eneo IN series**  
on our YouTube channel.

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# CHAPTER 1 - ENEO INSIGHT BRIEF

## INTRODUCTION

### 1.1 ENEO INSIGHT OVERVIEW

eneo INsight briefly introduces how to configure and operate some of its basic features. How to manage small batches of security protection monitoring devices. It is capable of adding devices for management, live view, video storage and playback, alarm linkage, time and attendance face comparison and so on.

eneo INsight Features describe as follows:

- Support Password Reset
- Support multiple users
- Supports adding devices individually and in batches as well as adding devices with different protocols
- Configure the device remotely
- Real-time preview videos and playback recordings from multiple cameras
- Cruise to view multiple devices;
- Remote playback videos and captured images
- Support to configure multiple alarm detections
- Support the configuration of electronic maps, you can locate the device at any time, and easily carry out deployment management
- Support query and export log information
- Support face recognition, human /vehicle recognition, and LP recognition
- Support intelligent configuration and Heat Map, Cross Counting and attendance management
- Support AI scenario application
- Support batch import and export of device information files
- Allow you view pictures and videos separately

### 1.2 RECOMMENDED RUNNING ENVIRONMENT

System running configuration includes operating system, CPU, memory, graphics card.

- Operating System: Microsoft Windows 7 / 8.1 /10/11 and above, macOS 10.15 and above
- CPU: Intel core i5 4590 @3.3GHz and above
- Memory: 4G and above
- Graphics Card: NVIDIA GT 730 and above

## 1.3 ENEO INSIGHT STARTSEITE - ÜBERSICHT

The Home page will provide a visual overview of function modules on the platform. You can access specific modules quickly and conveniently via the Home Page by clicking each function icon

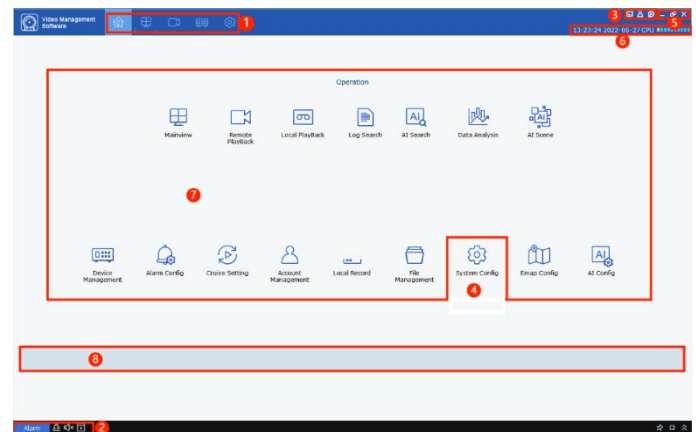


FIGURE 1-1 HOME PAGE

### The Home Page Description


















No	Module Name	Function Description
1	Top Navigation Bar	By default, the Home Page is displayed. If you click one required function on the "Operation" interface, you will enter the corresponding function interface, and the function icon will be updated to the Navigation Bar.
2	Event Management	 or  , Click the icon to enable or disable the alarm prompt  or  , Click the icon to enable or disable Alarm Popup Window  , Click the icon to clear alarm notification.  Alarm, Click the icon to check alarm notification. Details please refer to chapter 17- Alarm configuration.
3	User Management	Click the icon  , you can choose the resolution as <1280*800> or <1920*1080> Click the icon  to popup the Video Player Click the icon  , and Choose  to lock the screen, when login again, input the password to unlock Choose  to switch users Choose  to display APP name and version.
4	System Management	Click the icon  to enter into the <System Configuration> interface. You can configure system language, auto login and Remember Password, also configure file Path, alarm sound setting path etc.
5	Window Management	Click the icon  to minimize the window Click the icon  to maximize the window Click the icon  to initialize the window Click the icon  to exit the APP.
6	System Status	Display the current time of system and the occupied CPU, as well as the user name and login time.
7	Function List	Function List include <Operation> area and <Config> area. Details please refer to below description.
8	Function Tips	When the mouse stops on a function Icon, this area will display the description of the function in real time


TABLE 1-1 HOME PAGE DESCRIPTION

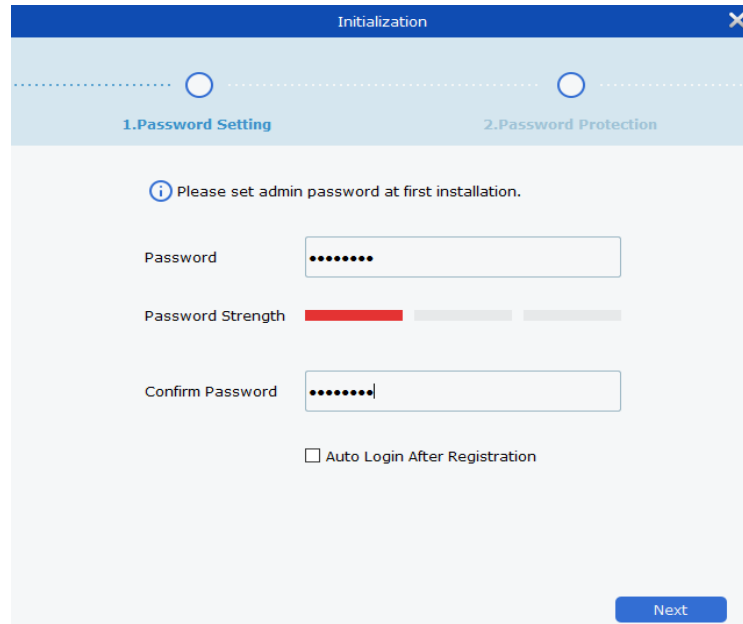
- Main-view: Display live video from devices
- Remote Playback: Search and playback files from device hard drive
- Local Playback : Search and playback files from device hard drive
- Log Search: Search and playback logs
- AI Search: Analyze and view Face, Human and Vehicles an Repeat Visitor
- Data Analysis: Analyze and display statistical graphs and heat maps
- AI Scene: Display the scenario of channels and group, count the number of people entering and leaving
- Device Management: Add/remove the device or Modify devices settings
- Alarm Config: Configure local recordings or alarm when certain types of alarm occurs on recorders.
- Cruise Setting: Allow you configure the Cruise Plan management.
- Account Management: Manage user accounts and account permissions
- Local Record: Configure the channel recording Strategies
- File Management: View and manage local snapshots and/or video files
- System Configuration: Configure client parameters.
- E-map Configuration: Manage and display e-map, hot-spot area and relative operation function (e.g. map scaling, hot-spot area preview and alarm display etc.)
- AI Configuration: Edit, import and export face database,

# CHAPTER 2 - LOG-IN AND GETTING STARTED

## 2.1 FIRST TIME LOG-IN

If this is the first time for you to login, you are required to create a password and configure password protection questions for the admin user before you properly configure and operate the system.

**Step 1:** Double-click  icon to enter into the <Admin Password> setting interface as follows.



**FIGURE 2-1-1 ADMIN USER SETTING**

Parameter	Description
Password	The password can be set to 8 to 32 non-null characters, which can be composed of uppercase/lowercase letters, numbers and special characters.
Password Strength	Indicates the password complexity. Red means it is not complex and insecure, and Green means that it is complex and has good security performance. We strongly suggest a high-security password is configured.
Confirm Password	Input the same characters with Password.
Auto Login After Registration	Check this box and we will auto login after registration.

**TABLE 2-1 INITIALIZATION PARAMETERS DESCRIPTION**


**Step 2:** Click <Next> and enter into the interface shown as Figure 2-1-2

**Step 3:** Choose two questions and answer them. Set up a security question to reset your password by answering the question if you forget your password

**Step 4:** Click <Finish> and Save

## 2.2 LOG-IN ENEO INSIGHT

(1) After initializing the device, we can enter into the platform by inputting account and password.

**Step 1 :** Double-click , then click <Account Login> option to enter into the interface shown as Figure 2-2-1.

**Step 2 :** Configure the parameters. Details parameters please refer to Table 2-2-1

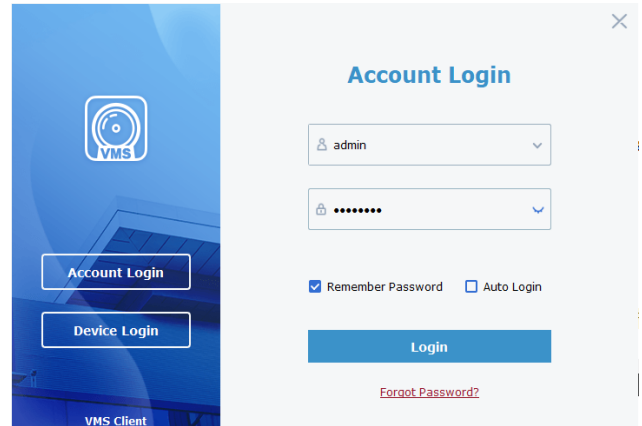


FIGURE 2-2-1 ADMIN ACCOUNT LOG-IN



 User name	Input user name and password
 Password	
Remember Password	Check this box, system will remember the password.
Auto Login	Check this box, you will auto login the system
Forgot Password?	Please reset your password by answering the questions if you forget your password. Details please refer to the chapter 2.3 – Reset Password.

TABLE 2-2-1 ACCOUNT LOGIN PARAMETERS

**Step 3:** Click <Login> to enter into the Home Page shown as Figure 2-2-2

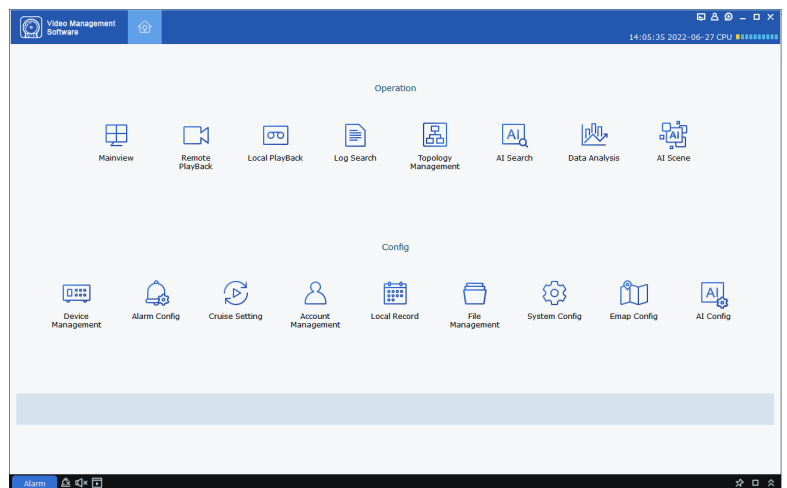


FIGURE 2-2-2 HOME PAGE



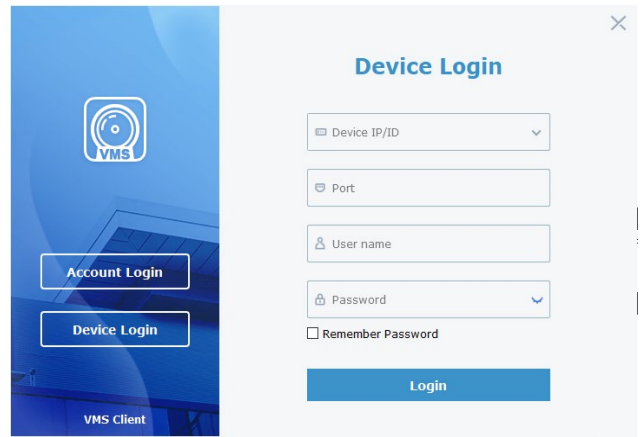
(2) Also you can log-in the eneo INsight through one device.



**Step 1 :** Double-click <VMS Pro> ,

**Step 2 :** Click the <Device Login> option to enter into the interface shown as Figure 2-2-3

**Step 3:** Configure the parameters. Details parameters please refer to Table 2-2-2.



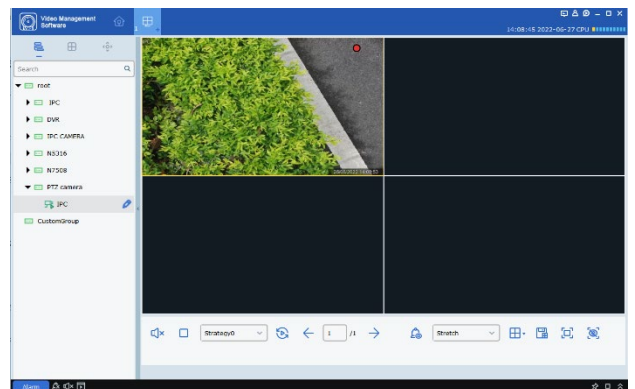
**FIGURE 2-2-3 DEVICE LOGIN**

Parameters	Description
Device IP/ID	Input the P2P ID or IP address of devices
Client port	Input the client port number
User name	Input the user name and password.
Password	
Remember Password	Check this box, system will remember the password.

**TABLE 2-2-2 DEVICE LOGIN PARAMETERS**

**Step 3:** Click <Login> to enter into the interface shown as Figure 2-2-4.


Details description please refer to Chapter 11 – <Device Login>.



**FIGURE 2-2-4 DEVICE LOGIN INTERFACE**

## 2.3 PASSWORD RESET

When you forget the password, please reset it through answering the password protection question.

**Step 1:** Double-click  to enter into the interface shown as Figure 2-2-1.

**Step 2:** Click < [Forgot Password?](#) >

**Step 3:** Answer the security questions shown as Figure 2-3-1.

**Step 4:** Click <Next> to enter into the interface shown as Figure 2-3-2.

**Step 5:** Reset admin password

**Step 6:** Click <Finish> to save the configuration.

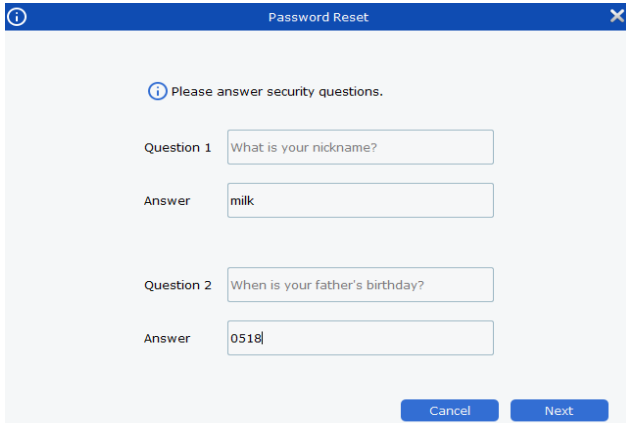


FIGURE 2-3-1 SECURITY QUESTION

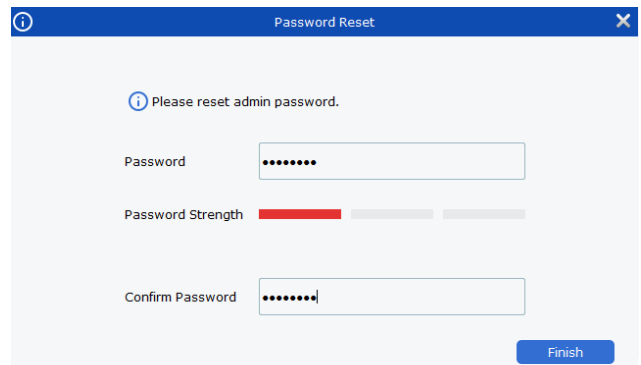


FIGURE 2-3-2 PASSWORD RESET

Parameters	Description
Password	The password can be set to 8 to 32 non-null characters, which can be composed of uppercase/lowercase letters, numbers and special characters.
Password Strength	Indicates the password complexity. Red means it is not complex and insecure, and green means that it is complex and has good security performance. We strongly suggest a high-security password is configured.
Confirm Password	Input the same characters with Password.

TABLE 2-3 PASSWORD RESET PARAMETERS DESCRIPTION

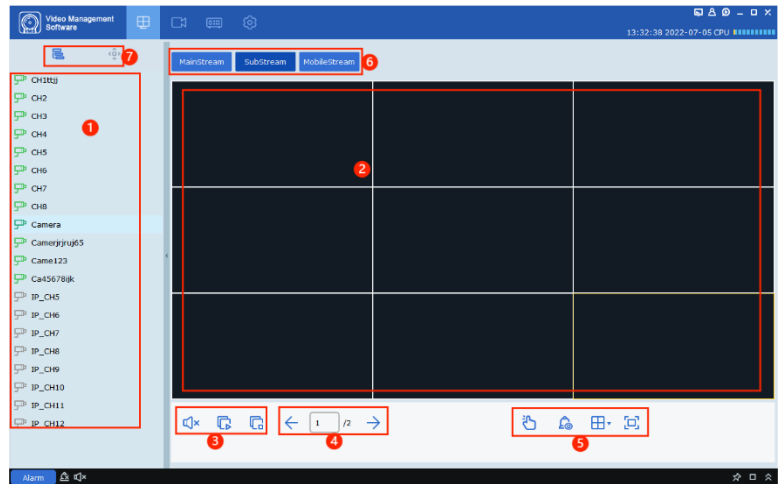
# CHAPTER 3 - DEVICE LOGIN

## 3.1 DEVICE LOGIN

You can access and configure the platform via Device Login. Details operation please refer to the below steps.

**Step 1:** Double click <VMS>

**Step 2:** Click <Device Login> option to enter into the interface as shown in Figure 3-1




**FIGURE 3-1 DEVICE LOGIN INTERFACE**

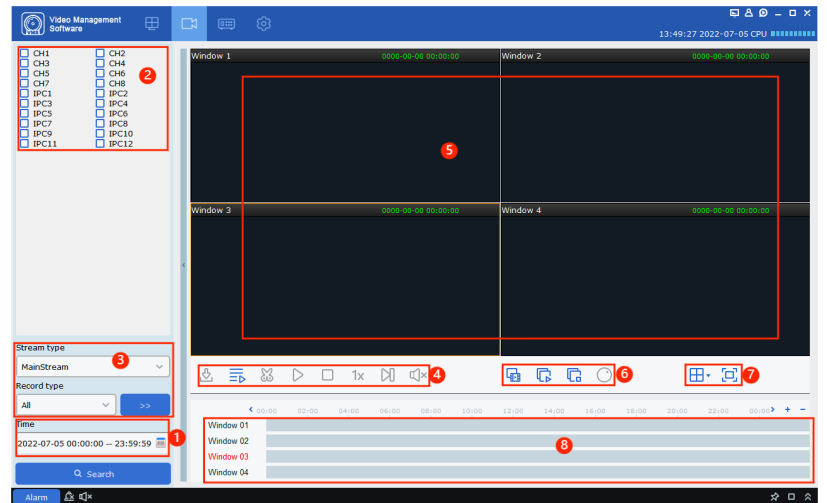
No	Name	Description
1	Device List	Display all devices bound to the currently logged-in IP
2	Preview Area	Preview the live images
3	Control Bar	Control to play and stop for all the windows
4	Page Switch	Allow you turn current page to previous or next page
5	Interface Config.	Allow you configure Window quantity, full-screen display, Manual alarm etc.
6	Stream area	Click to select one stream you desired. You can choose Main stream, Sub Stream or Mobile Stream.
7	PTZ Switch	Allow you switch between Device Tree and PTZ Control.

**TABLE 3-1**



















## 3.2 REMOTE PLAYBACK

**Step 1:** Click the icon  to enter into the Remote Playback> interface shown as Figure 3-2-1

Details please refer to the parameter description shown as Table 3-2




**FIGURE 3-2-1 REMOTE PLAYBACK**

No	Name	Description
1	Time	Select the date and time you want to search
2	Channel List	Check the channel(s) you want to playback
3	Search Type	Select <Stream Type> and <Record Type> Click <Search> button to Search record
4	Playback Control Bar	<ul style="list-style-type: none"> <li> Playback multi-channels simultaneously</li> <li> Start the playback</li> <li> Pause the playback</li> <li> Stop the playback</li> <li> Playback by a frame</li> <li> Download the record</li> <li> Switch the play speed</li> <li> Enable/disable the sound</li> </ul>
5	Playback Area	<ul style="list-style-type: none"> <li>It supports Capturing a picture and E-Zoom-in during the playback.</li> <li>Capture: On the specific window, click  icon or right-click the mouse and select &lt;Capture&gt; option to snapshot a picture.</li> <li>E-zoom-in: Click the  icon to zoom-in the area</li> <li>Record: Click the  to record in the window which enable to record.</li> <li>Screenshot: Click the  to screenshot one image.</li> </ul>
6	Playback Control Bar	<ul style="list-style-type: none"> <li> Playback all channels' record on the same time</li> <li> Stop all channels' record</li> <li> Special mode for fisheye devices</li> <li> AI Search mode</li> </ul>
7	Video Window Display Mode	<ul style="list-style-type: none"> <li>Click  to enter into the Video window display mode, you can choose one mode you desired.</li> <li>Click  or right-click mouse and select the &lt;Fullscreen&gt; option to enter into the full-screen mode.</li> </ul>
8	Time Processing Bar	<ul style="list-style-type: none"> <li>Display the record status</li> </ul>

**TABLE 3-2**

### 3.3 DOWNLOAD RECORD FILES

**Step 1:** Click the <  > to enter into the interface shown as Figure 3-3-1

**Step 2:** Check the record files you desire to download and configure its Download directory

**Step 3:** Click <Download>

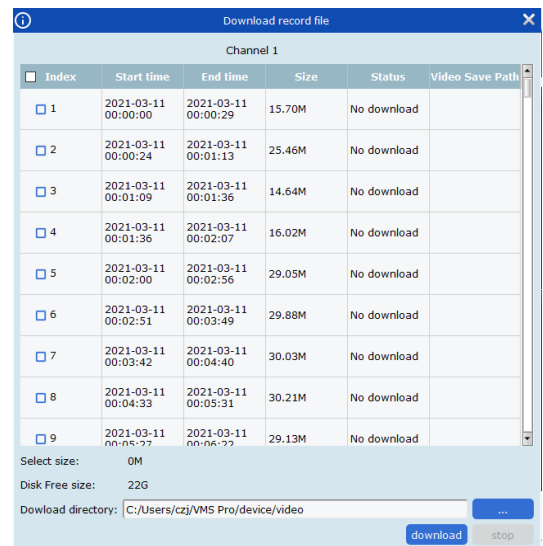
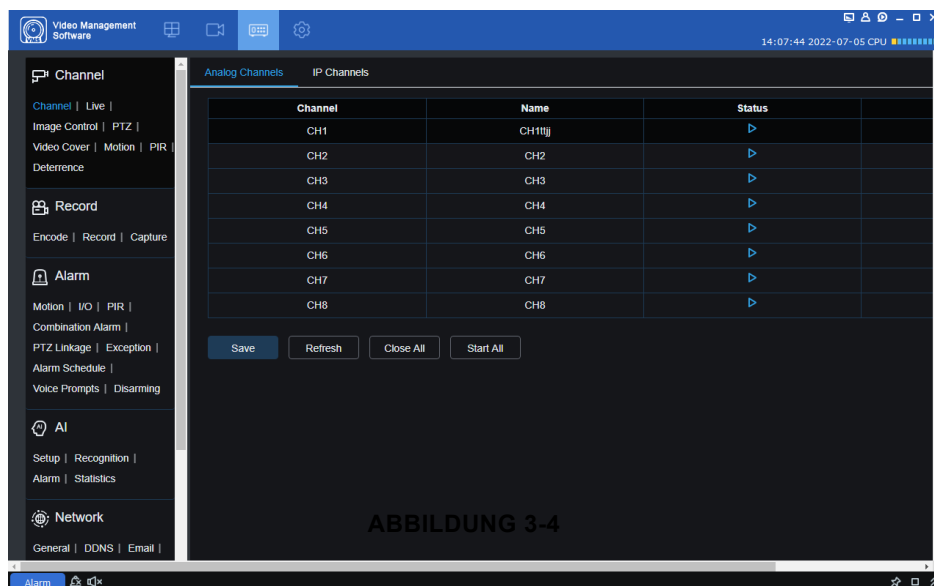


FIGURE 3-3-1 DOWNLOAD RECORD FILES

### 3.4 REMOTE CONFIGURATION

Click to enter into the below interface, then you can start to configure the parameters remotely



### 3.5 SYSTEM CONFIGURATION

Click to enter into the <System Config.> interface. Please refer to Chapter 19 –System Configuration for detailed operation steps.


# CHAPTER 4 - DEVICE MANAGEMENT

eneo INSight can quickly scan your network for relevant devices and singly or batched add them. Or you can add the devices by inputting the required information manually.


## 4.1 ADD DEVICES

eneo INSight supports multiple ways to add devices. Please select the proper way to add devices according to the number of devices and network segments.

- (1) If you need to add devices in batches and the devices are in the same network segment, or you do not know the IP address of the device and only know the network segment where it is located, it is recommended to add devices by searching.

**Step 1:** Click  to enter into the Home Page, then click <Device Management> option shown as Figure 4-1-1

**Step 2:** Click <Auto Search> to enter into the <Auto Search> Interface

**Step 3:** Select one device(s) you desire to add, and Click <Add> or Click the 

**Step 4:** Input <User> and <Password>, and Click <Add>

**Note:** The devices added defaults to 80 web port to login.

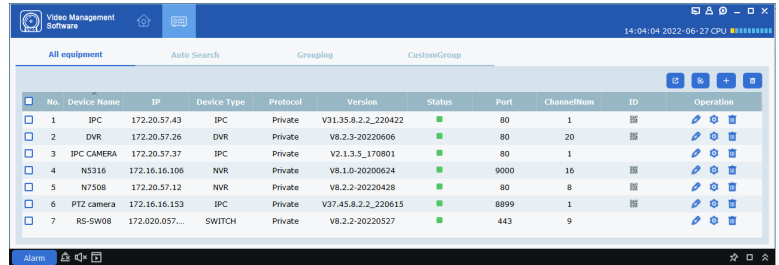


FIGURE 4-1-1 DEVICE MANAGEMENT INTERFACE

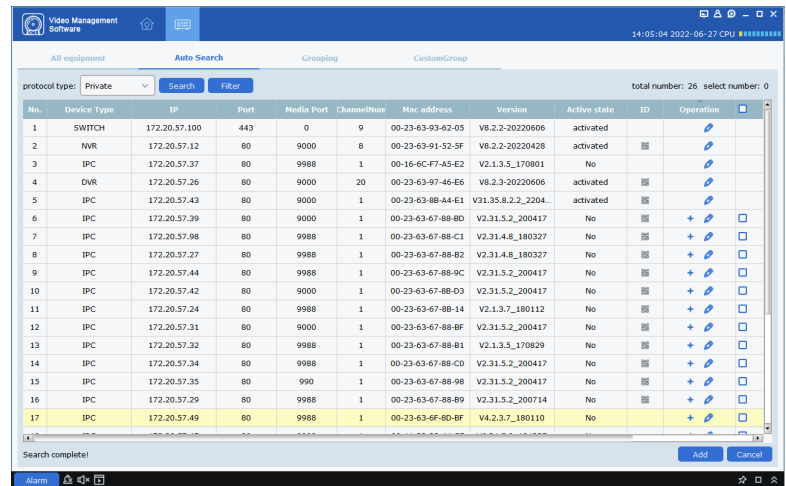


FIGURE 4-1-2 AUTO SEARCH

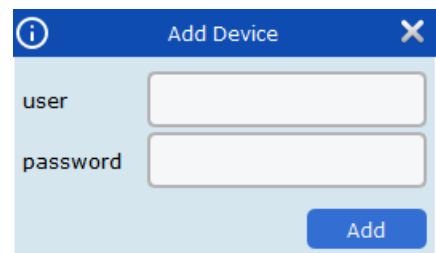


FIGURE 4-1-3

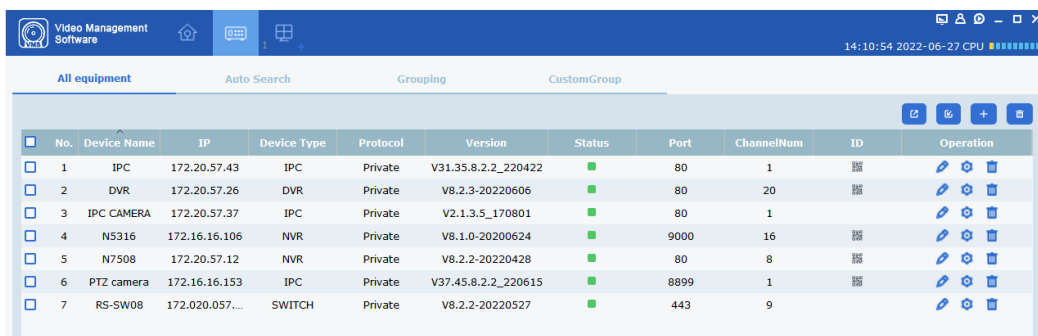


FIGURE 4-1-4 DEVICE LIST




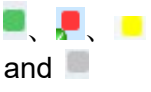




Icon	Description
	Click the icon to enter into the < Modify Device> interface. You can modify device name, IP address, Protocol, Port, User name and Password etc
	Click the icon to enter into the <Remote Configuration> Interface. You can configure Channel, Record, Network, Alarm, Storage and System info etc.
	Click the icon to delete the device.
 and 	Green: stands for “Connect successfully” Red: Stands for “Inactive”, you need to configure initial password. Yellow: stands for wrong login info or locked device(s) Grey: stands for “Connect failed”
 and 	Click the icon to import or export device information. Details please refer to section (3) – Import Devices in this chapter.

TABLE 4-1-1

**Add Device manually**

If you add a single device and know its IP address or Domain name, it is recommended to add the device manually.

**Step 1:** Click the  icon on the <Device Management> interface, and system will pop-up the <Add Device> interface shown as Figure 4-1-5.

**Step 2:** How to configure, please refer to below Parameter Description.

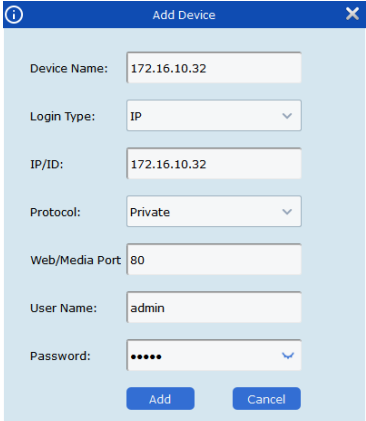


FIGURE 4-1-5 ADD DEVICE

Parameters	Description
Device Name	Configure the device name to be easy to maintain
Login Type	Allow you select IP/Domain name or P2PID mode. IP/Domain Name: input IP address or domain name of the device; P2PID : Input P2PID of the device.
IP/ID	You selected IP as <Login Type>, herein we need to input IP address/Domain name You selected P2PID as <Login Type>, herein we need to input P2PID.
Protocol	Select the Private protocol or others
Web/Media Port	You can fill in Web port or Media port. When logging in with the web port, it can support more functions, including AI config part and AI scenario etc.
User Name	Username to log-in one device
Password	Password to log-in one device

TABLE 4-1-2 ADD DEVICE PARAMETERS


**Step 3:** Click <Add> to finish, Click <Cancel> to exit the <Add Device> interface.

After finishing to add the device, eneo INsight will auto login the device.

(2) Import to add device(s)

If many devices need to be added and they are not in the same network segment, it is recommended to sort out the device information file (.xml format), and then add devices by importing.

Note: you can get the Device Information File by exporting function

**Step 1:** Click  to popup one window

**Step 2:** Select the Device Information file saved locally

**Step 3:** Click <Add> to import the Device information. Once successful import, you can get the interface shown as Figure 4-1-1.

## 4.2 MODIFY DEVICE INFO

**Step 1:** Click the  icon to enter into the <Modify Device> interface shown as Figure 4-2-1

**Step 2:** Modify the Device added, then Click <Modify> to save the parameters.

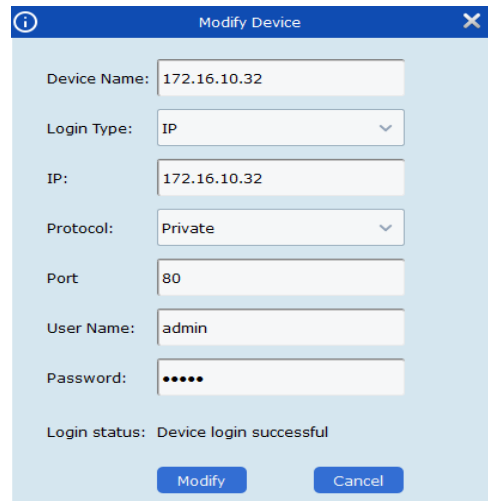


FIGURE 4-2-1 MODIFY DEVICE

## 4.3 SEARCH BY SEGMENT

Allow you configure a network segment, then you can search for all devices in the network segment.

**Step 1:** Click <Auto Search> option to popup the interface shown as Figure 4-1-2.

**Step 2:** Click <Filter> to pop-up the <Search by Segment> interface.

**Step 3:** Enter <Start network segment> and <End network segment>, and click <Search>. Now Search results appear as Figure 4-3-2

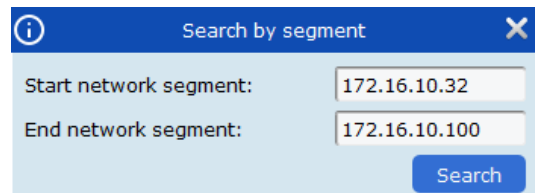
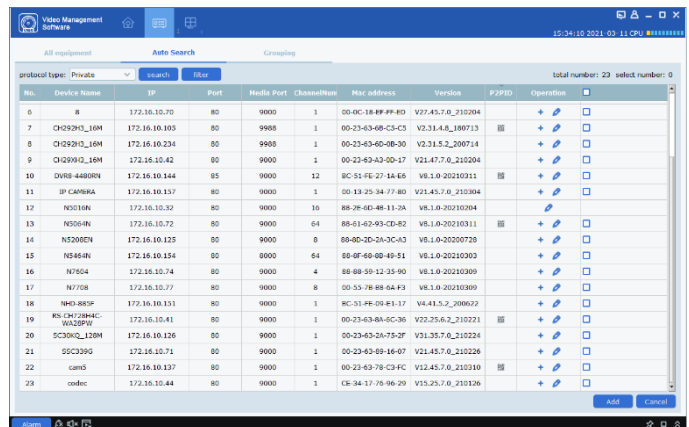


FIGURE 4-3-1 SEARCH BY SEGMENT



No.	Device Name	IP	Port	Media Port	Channel/Bus	Mac address	Version	P2P/ID	Operation
0	8	172.16.10.70	80	9000	1	00-0C-18-8F-FF-8D	V27.45.7.0_210204		+ -
7	CH29H0_16M	172.16.10.103	80	9985	1	00-23-43-68-C3-C5	V2.31.4.8_180713		+ -
8	CH29H0_16M	172.16.10.234	80	9985	1	00-23-43-68-08-30	V2.31.5.2_200714		+ -
9	CH29H0_16M	172.16.10.42	80	9000	1	00-23-43-43-00-17	V21.47.7.0_210204		+ -
10	DVR8-4480RN	172.16.10.144	85	9000	12	8C-51-FE-27-1A-E6	V8.1.0-20210311		+ -
11	IP CAMERA	172.16.10.157	80	9000	1	00-13-25-34-77-8D	V21.45.7.0_210304		+ -
12	N5016N	172.16.10.32	80	9000	16	88-26-40-48-11-2A	V8.1.0-20210204		+ -
13	N5004N	172.16.10.72	80	9000	64	88-61-42-93-CD-82	V8.1.0-20210311		+ -
14	N5208EN	172.16.10.125	80	9000	8	68-8C-2D-2A-3C-A3	V8.1.0-20200728		+ -
15	N5464N	172.16.10.154	80	9000	64	88-6F-68-08-49-51	V8.1.0-20210303		+ -
16	N7504	172.16.10.74	80	9000	4	88-68-59-12-35-90	V8.1.0-20210309		+ -
17	N7708	172.16.10.77	80	9000	8	00-55-78-88-6A-F3	V8.1.0-20210309		+ -
18	NH0-883P	172.16.10.151	80	9000	1	8C-51-FE-09-E1-17	V4.43.5.2_208622		+ -
19	RS-CM128WAC-WAL28PW	172.16.10.41	80	9000	1	00-23-43-6A-6C-36	V22.25.6.2_210221		+ -
20	SC30W_L28M	172.16.10.126	80	9000	1	00-23-43-2A-75-2F	V31.35.7.0_210224		+ -
21	SCC239G	172.16.10.71	80	9000	1	00-23-43-89-16-07	V21.45.7.0_210226		+ -
22	cam5	172.16.10.137	80	9000	1	00-23-43-78-C3-FC	V12.45.7.0_210310		+ -
23	codtec	172.16.10.44	80	9000	1	0E-34-17-78-96-29	V15.25.7.0_210326		+ -

FIGURE 4-3-2 SEARCH RESULT



## 4.4 SEARCH BY PROTOCOL

Allow you select a different protocol, then you can search for the devices with different protocols.

**Step 1:** Click <Auto Search> option to popup the interface shown as Figure 4-4-1.

**Step 2:** Select one protocol from the <Protocol Type> drop-down box, and then click <Search>

The Search Results will appear as Figure 4-4-2

**Step 1:** Select the device you desired, and click <Add>

No.	Device Type	IP	Port	Media Port	ChannelNum	Mac address	Version	Active state	ID	Operation
1	SWITCH	172.20.57.100	443	0	9	00-23-63-93-62-05	V8.2.2-20220707	activated		
2	NVR	172.20.57.58	80	9000	8	00-23-63-94-A8-9C	V8.2.3-20220719	activated		
3	IPC	172.20.57.36	80	9000	1	00-23-63-92-14-61	V31.35.8.2.2_2206	activated		
4	IPC	172.20.57.23	80	9000	1	00-23-63-94-06-BF	V35.45.7.1_220126	No		
5	IPC	172.20.57.41	80	9000	1	00-23-63-78-AA-06	V4.33.5.2_200605	No		
6	IPC	172.20.57.47	80	9988	1	00-11-22-33-44-55	V6.21.5.2_181227	No		
7	IPC	172.20.57.45	80	9000	1	00-23-63-43-83-69	V4.41.5.2_200301	No		
8	IPC	172.20.57.37	80	9988	1	00-16-6C-F7-A5-E2	V2.1.3.5_170801	No		
9	DVR	172.20.57.26	80	9000	20	00-23-63-97-46-E6	V8.2.3-20220708	activated		
10	IPC	172.20.57.43	80	9000	1	00-23-63-88-AA-E1	V31.35.8.2.2_2206	activated		
11	IPC	172.20.57.29	80	9988	1	00-23-63-67-88-B9	V2.31.5.2_200714	No		
12	IPC	172.20.57.35	80	990	1	00-23-63-67-88-98	V2.31.5.2_200417	No		
13	IPC	172.20.57.42	80	9000	1	00-23-63-67-88-D3	V2.31.5.2_200417	No		
14	IPC	172.20.57.39	80	9000	1	00-23-63-67-88-BD	V2.31.5.2_200417	No		
15	IPC	172.20.57.98	80	9988	1	00-23-63-67-88-C1	V2.31.4.8_180327	No		
16	IPC	172.20.57.31	80	9000	1	00-23-63-67-88-BF	V2.31.5.2_200417	No		
17	IPC	172.20.57.24	80	9988	1	00-23-63-67-88-14	V2.1.3.7_180112	No		

FIGURE 4-4-1 AUTO SEARCH INTERFACE

No.	Device Type	IP	Port	Media Port	ChannelNum	Mac address	Version	Active state	ID	Operation
1	IPC	172.20.57.41	80	0	1	00-23-63-78-AA-06		No		
2	IPC	172.20.57.36	80	0	1	00-23-63-92-14-61		No		
3	IPC	172.20.57.43	80	0	1	00-23-63-88-AA-E1		No		
4	IPC	172.20.57.45	80	0	1	00-23-63-A3-83-69		No		
5	CH292H3-16M	172.20.57.37	80	0	1	00-16-6C-F7-A5-E2		No		
6	IPC	172.20.57.23	80	0	1	00-23-63-94-06-BF		No		
7	IPC	172.20.57.47	80	0	1	00-11-22-33-44-55		No		
8	HIKVISION%20DS-2CD3T25-13	172.20.57.48	80	0	1	10-12-FB-40-EB-B6		No		
9	4K-HY08	172.20.57.26	80	0	1	3C-89-06-B7-B7-78		No		
10	IPC	172.20.57.39	80	0	1	00-23-63-67-88-BD		No		
11	IPC	172.20.57.40	80	0	1	00-16-6C-FA-CF-75		No		
12	IPC	172.20.57.25	80	0	1	00-23-63-92-61-F1		No		
13	IPC	172.20.57.27	80	0	1	00-23-63-67-88-B2		No		
14	IPC	172.20.57.28	80	0	1	00-16-6D-F7-A6-24		No		
15	IPC	172.20.57.24	80	0	1	00-23-63-67-88-14		No		
16	IPC	172.20.57.35	80	0	1	00-23-63-67-88-98		No		
17	IPC	172.20.57.33	80	0	1	00-16-6C-F7-A5-50		No		
18	IPC	172.20.57.31	80	0	1	00-23-63-67-88-BF		No		

FIGURE 4-4-2 SEARCH RESULT

## 4.5 DELETE DEVICE(S)

Allow you delete a single device or batched devices

1. Delete a Device

**Step 1:** Select one device you want to delete in the list

**Step 2:** Click the <🗑️> icon on the right to pop-up the below window

**Step 3:** Click <Yes> to delete the device, click <No> to exit

2. Batched Delete device

**Step 1:** Check devices you desire to delete in the <Device Management> interface.

**Step 2:** Click <🗑️> icon on the upper-right corner to pop up the interface shown as Figure 4-5-1

**Step 3:** Click <Yes> to delete the devices, click <No> to exit

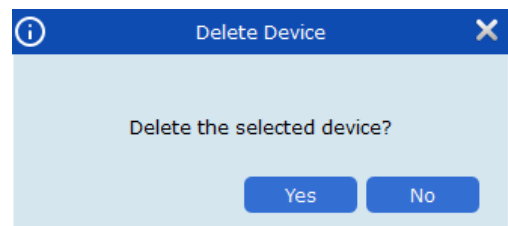



FIGURE 4-5-1 DELETE DEVICE

# CHAPTER 5 - MAIN-VIEW

After adding a device to the platform, you can start to view real-time videos

## 5.1 MAIN-VIEW INTERFACE

Click the  icon to enter into the interface shown as Figure 5-1-1

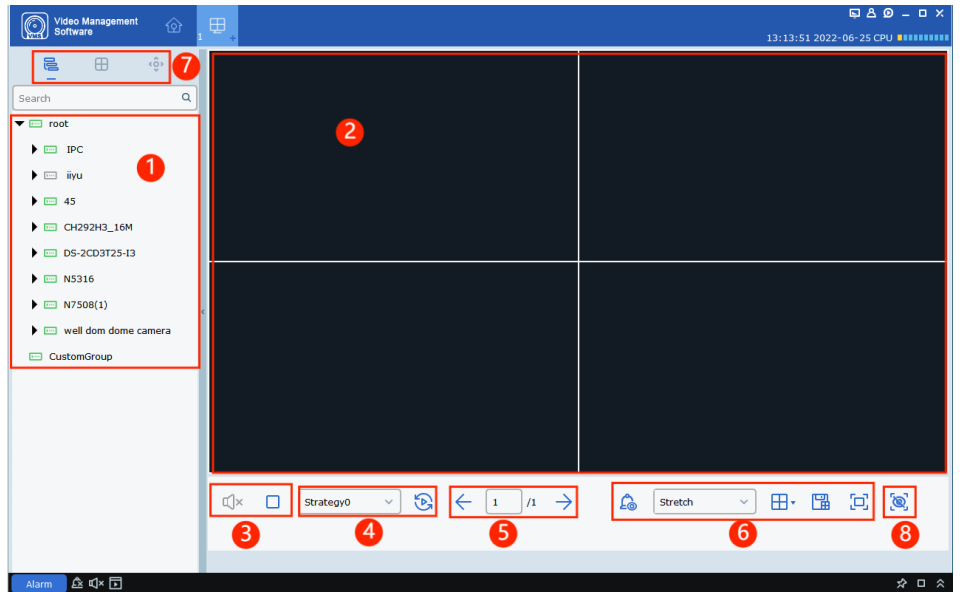


FIGURE 5-1-1 MAIN-VIEW











No	Name	Description
1	Device Tree	Double-click to open/hide the device(s), drag the device(s) or channel(s) or double-click the channel to the Preview area, click the right mouse button on the device(s), you can select the main/sub-stream, open/close all channels, open remote playback and manual alarm, the sync channel name.
2	Preview Area	Support multi-split windows and allow you screenshot, record, talk, e-zoom in, Playback etc.
3	Volume Control Bar	 : Enable/disable the sound and/or control the volume  : Stop all the preview.
4	Cruise Area	When there is a cruise strategy, you can select a strategy from the drop-down box and start to cruise.
5	Page Switch	Switch to different Preview Pages
6	Split Mode	 : Clear alarm icon and Record icon in the Preview Mode
		Stretch  : Adjust the display ratio
		 : Switch to Full-screen mode
		 : Switch different Split-screen mode
7	Function Module Switch	 : When there are many access devices and it is often necessary to preview multiple fixed devices at the same time, We can configure the fixed devices to the same view. Click  icon to save it as a View Tab and support the view tab to be added to the cruise strategy at the same time.
		 : Enter into PTZ Control Panel
8	AI alarm Push	 : Click the <> icon to enable/hide the AI Alarm Push in right side.

TABELLE 5-1 VORSCHAUFENSTER

## 5.2 LIVE VIEW

In the Live view module, you can view the live video of the added cameras and do some basic operations, including local recording, picture capturing, Talk, PTZ control and e-Zoom in etc.

### (1) Start a Live view



System will support to start a live view by the below

- Double-click the device you want to preview in the Device Tree
- Drag the device you want to preview to the preview area.
- Right-click the device group in the Device Tree to select <Open all CH> option to open all the channel
- 


### (2) Preview Mode

- Manual Record



Recording playback display area:



**Capture:** On the specific window, click  icon or right-click the mouse and select < Capture> option to snapshot a picture.








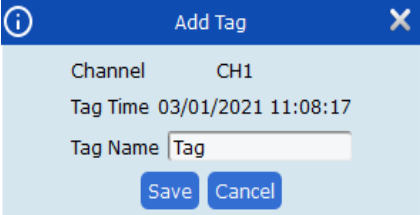
**E-zoom-in:** Click the  icon to zoom-in the area

**Record:** Click the  to record in the window which enable to record.

**Stop Play:** Click  icon to stop play

**Fisheye Mode:** Click  icon or right-click mouse to select the < Fisheye> option to enter into the Fisheye mode.(Only for Fisheye cameras)

**Full-screen Mode:** Click  icon or right-click the mouse to select the < Fullscreen> option to enter into the Full-screen mode

No	Task	Description	Operation
1	Manual Record	Manual record to save recording to local	Click the  to record in the window which enable to record. Or right-click in the window which enable to record to select <  Start record > option to start a record. Click again to stop record. <b>Note:</b> You can configure the save path of recording on the <System Config> module.
2	Capturing Pictures	Manual capture a picture	On the specific window, click  icon or right-click the mouse and select <  Capture> option to capture a picture. <b>Note:</b> You can configure the save path of capturing on the <System Config> module.
3	Talk	Support to talk with the access device.	Click the  icon or right-click the mouse to start talk, click again to stop talk. <b>Note:</b> allow their talk between client and device.
4	E-zoom-in	Enlarge the video of selected area	Click the  icon to zoom-in the area. Click again to disable the E-zoom function.
5	Tag	Add a time Tag	Set a time Tag Click  icon to popup the below window:  Modify the Tag Name and click <Save> During the recording playback module you can search the playback TAG to start a playback.







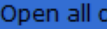












6	Fast Playback	Fast playback of the video 10 minutes before the current preview	Click  icon to enter into the Fast Playback status. Click  to pause the playback. Click  to disable the sound Click  to exit the playback and return back the Preview mode. Drag the processing bar to control the playback. 
7	Stop preview	/	Right-click the <  Stop preview > option to stop the preview
8	Stop all CH	/	Right-click the device group to select <  Open all ch > option to stop all the channels.
9	Full-Screen Mode	Specify a window to full-screen mode.	Double-click the window to enter into a full-screen mode. Or right-click to select <  Fullscreen > option to enter into a full-screen mode.
10	Window Ratio	Adjust the display ratio of the window.	Click the <  Stretch > pull-down box to adjust the display ratio of windows.
11	Split-screen Mode	Choose a split screen mode	Click <  > icon on the lower-right corner to adjust the split-screen mode.
12	Image Adjust	It supports image adjust, but does not change the image parameters and can change the name.	Right-click the mouse on the Preview window to select the <  Video setting > option. Popup the <Video Setting> box Click <  Color > to adjust its color, and click <  Name > to change the name.
13	Fisheye View Mode	Only for Fisheye cameras	Set <  Fisheye > mode according to actual requests. Details please refer to Chapter 9.1 – Fisheye mode on Live View.
14	Fisheye Install Mode	The option is only for Fish eye camera. It allows you ceiling mount (  ) , Wall mount (  ) and Floor Mount (  ) .	Set <  Fisheye > mode according to actual requests. Details please refer to Chapter 16 - Fisheye View.。
15	Stream Switch	Support triple stream, including Main Stream, Sub Stream and Mobile Stream.	Right-click on the channel and select the stream you required
16	Switch the streaming type all the devices'	Support triple stream, including Main Stream, Sub Stream and Mobile Stream.	Right-click on the channel group and select the stream you required to switch the stream type of all the channels.

TABLE 5-2 LIVE VIEW OPERATION

### (3) Select Split-screen Mode

Click <  > icon to select the split-screen mode according to your actual requests. Details please refer to the interface shown as Figure 5-1-2.

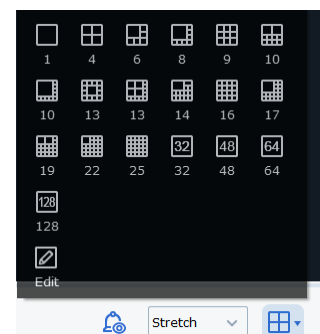


ABBILDUNG 5-2-1 GETEILTER ANZEIGEMODUS

## 5.3 VIEW TAB

When managing multiple channels, a user wants to focus on monitoring certain channels, we can achieve this by setting the View Tab

Click <  > to enter into the interface shown as Figure 5-3-1.


### 1. Add Group:

Right-click the <Root> and select <New Group> to add Group.

Input group name and Click <OK>

### 2. Add View Plan

**Step 1:** Right-click on the added channels and select the <New view TAB> option to enter into the interface shown as Figure 5-3-3.

**Step 2:** Click the <  > on the upper-right corner to Select the split-screen mode.

**Step 3:** Drag the channel(s) to the Preview area. When the <

`Channel Name: Camera11;  
Stream Type: Sub Stream;` > appears, that means “Bound” succeed, and right-click

the mouse, you will select the below sub-menus:

“Unbind”: Cancel the bound function

“Unbind All”: Cancel all the bound functions.

“Set Main Stream”: Switch to main stream

“Set Sub Stream”: Switch to sub stream

“Set Mobile Stream”: Switch to Mobile stream

**Step 4:** Move the curse to <Task Name> and customize a task name, Click <Save>

### 3. Modify, Delete View Tab

Slect one View Tab and right-click mouse, then select <Alter> to modify and select <Delete> to delete the Tab

You can add more View Tabs, double-clicking these TAB(s) to switch to different views quickly.

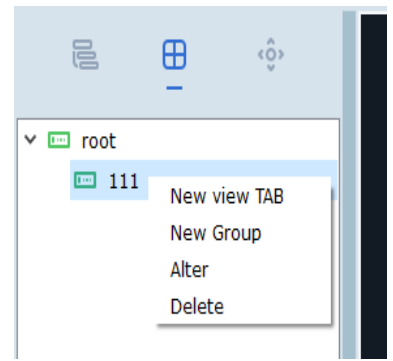


FIGURE 5-3-1 VIEW TAB

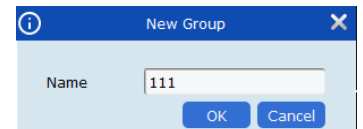


FIGURE 5-3-2 NEW GROUP

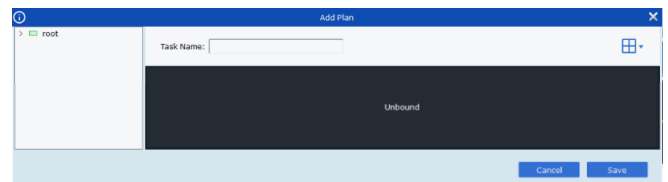




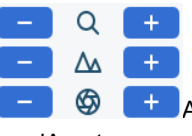
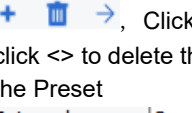


FIGURE 5-3-3 ADD VIEW TAB

## 5.4 PTZ-CONTROL

### 1. PTZ Interface

On the Preview mode, click  to enter into the PTZ control interface. The functions supported by the PTZ vary depending on different devices.

No	Name	Description
1	PTZ Panel 	Select one PTZ channel Click one of direction to adjust the camera's angle Click  to start auto Scan and click again to stop the function.
2	Zoom, Focus and Iris Control Panel	 Adjust the speed of Zoom/Focus  Adjust and control Zoom, focus and Aperture parameters.
3	Auto Focus	Click <Auto Focus> to auto adjust the Focus. Click <Refresh> to refresh the parameters Click <Default> to recover the default value.
4	Cruise	 , Click <> icon to add the preset, click <> to delete the preset and click <> to go to the Preset Interval <input type="text" value="3"/> (1~255)S : Configure the interval : Click <▶> to start cruise and click <◻> to stop cruise. Note: You can configure up to 255 preset.

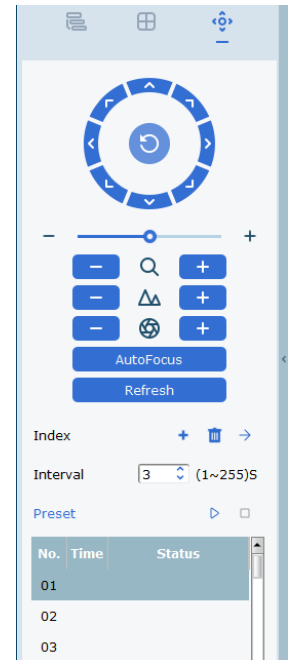


FIGURE 5-4-1 PTZ CONTROL

TABLE 5-4

## 5.5 AI ALARM PUSH

Click <📷> icon to display Alarm Preview area. You will check the AI alarm push snapshots in the right side of the screen.

Select one Picture from the Alarm Push in right side, and right-click to enter into its sub menus as follows:

**Playback:** enter into <Playback> mode, which playback the record before and after the alarm

**Detail information:** enter into the <Detail information> menu, you can check all the information about the alarm push.

**Snapped Device:** Indicates which device is the picture from;

**Snapped Channel:** Indicates which channel is the Picture from;

**Start Time:** Indicates Captured start time;

**End Time:** indicates Captured end time

**Type:** indicates alarm Type

If it belongs to <Face Captured>, It will also show the below,

**Unmatched:** stands for No compared picture

There is an additional option in the right-click menu, which can be added to the face library.

When it find the compared picture from the library, it will enter into the comparison shown as Figure 5-5-3

Right-click the mouse to also enter into the <Edit>

option, you can modify the Face library information.

Right-click to enter into the <Detail information> shown as Figure 5-5-4

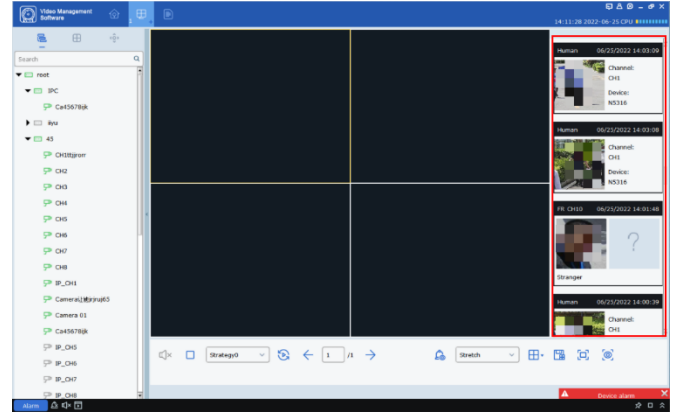


FIGURE 5-5-1 ALARM PUSH

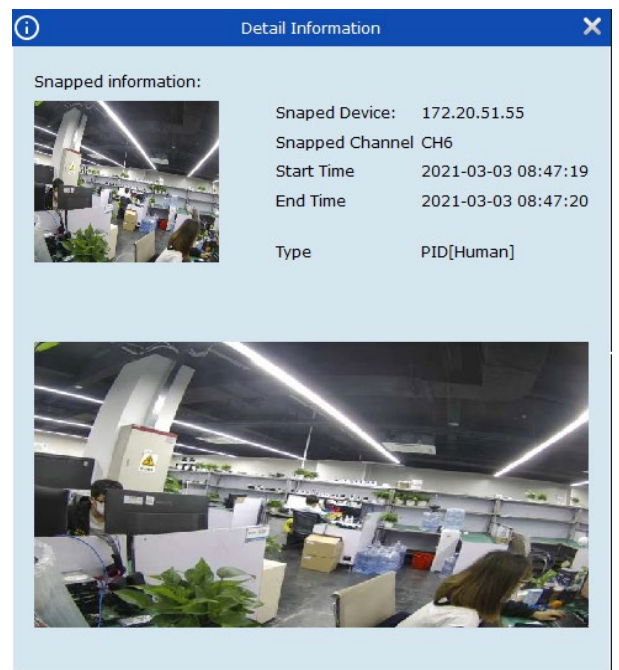


FIGURE 5-5-2

Gender	Female
Age	23
Glasses	Exist
Mask	Exist
Expression	Expressionless

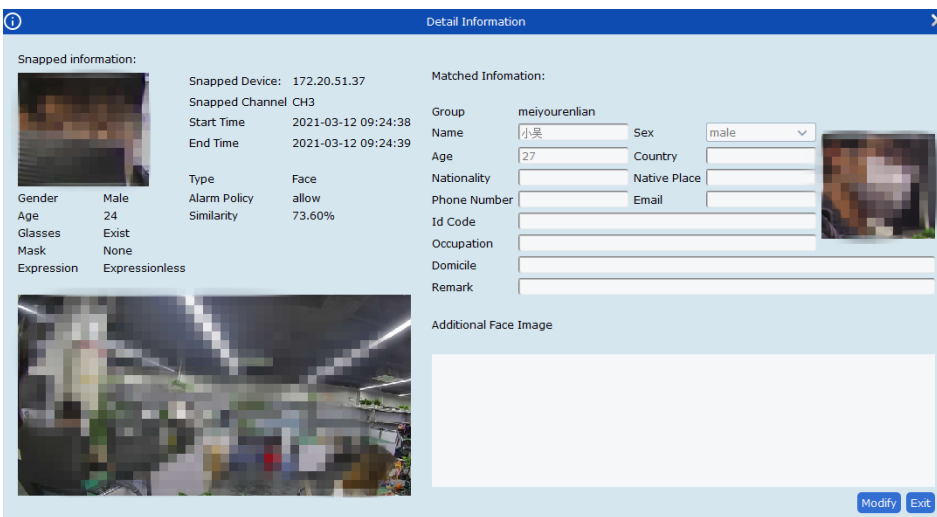


FIGURE 5-5-4 DETAIL INFORMATION

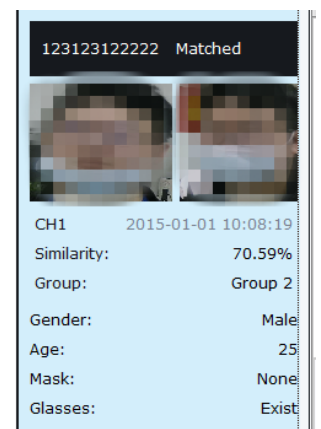


FIGURE 5-5-3 FACE COMPARISON

# CHAPTER 6 - CRUISE CONFIGURATION

The function allow you configure <Cruise> schedule to proceed channel cruise preview.

## 6.1 CONFIGURE A CRUISE STRATEGY

**Step 1:** Double click <Cruise Setting> on the Home Page to enter into the interface shown as Figure 6-1-1

Highlight the < Strategy0 > option and Click < Edit > icon to modify the Cruise name

**Step 1:** Configure the Cruise Task

- Set <Task Name> and <Task Time>, and select Cruise Windows according to the actual situation

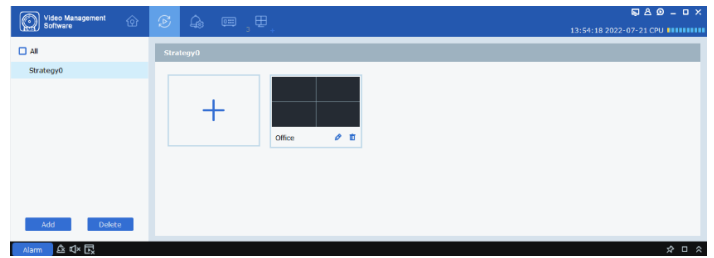


FIGURE 6-1-1 CRUISE STRATEGY

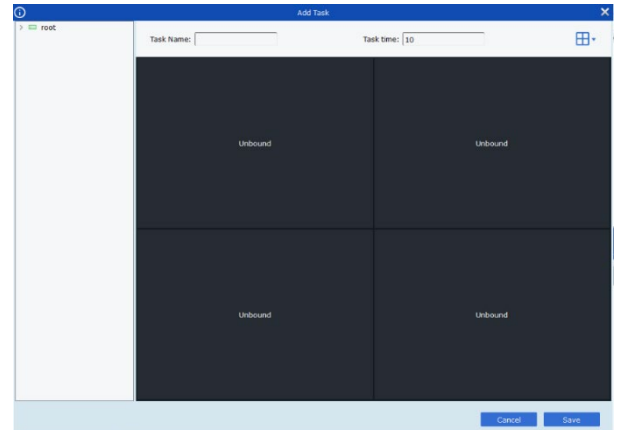


FIGURE 6-1-2 ADD CRUISE TASK

- Drag the channel(s) to Cruise Task window shown as Figure 6-1-3

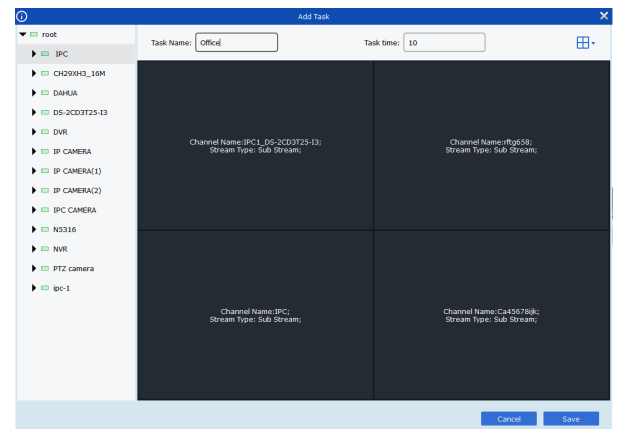


FIGURE 6-1-3 CHANNEL BINDING

- Click <Save> to exit. Now you finished the Cruise Task configuration and enter into the interface shown as Figure 6-1-4

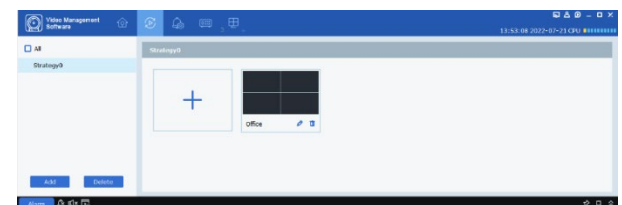


FIGURE 6-1-4 CRUISE SETTING

## 6.2 START CRUISE

**Step 1:** Select <Main View> on the Home Page mode to enter into the Preview Mode.

**Step 2:** Select one Cruise Strategy

**Step 3:** Click < Start > icon to start Cruise.



# CHAPTER 7 - REMOTE PLAYBACK

## 7.1 REMOTE PLAYBACK INTERFACE

You can use the function of recording playback and video exporting on the Remote Playback Mode.

1. Device Tree
  2. Playback Window
- Capturing: On the specific window, click <img alt="camera icon" data-bbox="95 198 115 213"/> icon or right-click the mouse and select <img alt="camera icon" data-bbox="95 218 115 233"/> Capture> option to capture a picture.

- **E-zoom-in:** Click the <img alt="magnifying glass icon" data-bbox="241 238 261 253"/> icon to zoom-in the area

- **Stop Play:** Click <img alt="stop icon" data-bbox="271 273 291 288"/> icon to stop play

- **Record:** Click the <img alt="record icon" data-bbox="290 292 310 307"/> to record in the window which enable to record.

- **Fisheye Mode:** Click <img alt="fisheye icon" data-bbox="325 327 345 342"/> icon or right-click mouse to select the <img alt="fisheye icon" data-bbox="345 347 365 362"/> Fisheye> option to enter into the Fisheye mode.(Only for Fisheye cameras)

- **Full-screen Mode:** Click <img alt="full screen icon" data-bbox="398 400 418 415"/> icon or right-click the mouse to select the <img alt="full screen icon" data-bbox="418 435 438 450"/> Fullscreen> option to enter into the Full-screen mode

- **Tag:** Click the <img alt="tag icon" data-bbox="453 455 473 470"/> icon to add a time Tag on the Playback mode

3. Set Search conditions for recording and Picture

4. Time Processing Bar

- Click <img alt="plus icon" data-bbox="509 511 529 526"/> to increase the accuracy of playback process

- Click <img alt="minus icon" data-bbox="526 528 546 543"/> to decrease the accuracy of playback process

- Click <img alt="arrow icon" data-bbox="544 546 564 561"/> to move the display area of processing bar, or highlight a <img alt="tag icon" data-bbox="641 546 661 561"/> icon and drag it to move left and right.

5. Download, Playback and Clip function

6. Playback Control Bar

- <img alt="list icon" data-bbox="95 619 115 634"/> Playback multi-channels simultaneously
- <img alt="play icon" data-bbox="125 639 145 654"/> Start the playback
- <img alt="pause icon" data-bbox="155 659 175 674"/> Pause the playback
- <img alt="stop icon" data-bbox="185 679 205 694"/> Stop the playback
- <img alt="frame advance icon" data-bbox="215 699 235 714"/> Playback by a frame
- <img alt="fast forward icon" data-bbox="245 719 265 734"/> Fast Forward Playback the recording(s)
- <img alt="slow motion icon" data-bbox="275 739 295 754"/> Slow playback recording(s)
- <img alt="all channels play icon" data-bbox="305 759 325 774"/> Start the playback of all the channels
- <img alt="all channels stop icon" data-bbox="335 779 355 794"/> Stop the playback of all the channels
- <img alt="fisheye icon" data-bbox="365 799 385 814"/> Enable/disable Fisheye mode

7. Split-screen Mode

Click the <img alt="split screen icon" data-bbox="245 804 265 819"/> icon to select the split-screen mode you desired.

Click <img alt="full screen icon" data-bbox="265 820 285 835"/> icon or select <img alt="full screen icon" data-bbox="350 820 370 835"/> Fullscreen> option to enter into the Full-screen mode

8. Playback mode Switch

Click the <img alt="picture icon" data-bbox="215 855 235 870"/> icon to enter into the Picture playback mode

Click the <img alt="tag icon" data-bbox="215 876 235 891"/> icon to enter into the Tag playback mode.

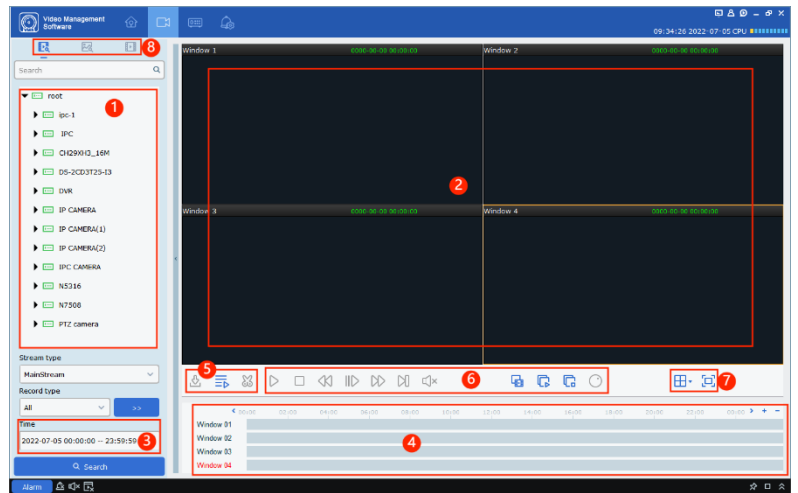


FIGURE 7-1-1 PLAYBACK INTERFACE

## 7.2 PLAYBACK DEVICE RECORDING

On the premise that there is device recording in the channel, the user can play back the device recording

**Step 1:** Click <🔍> icon on the Remote Playback mode;

**Step 2:** Double-click the Device tree to drag one channel to preview area;

**Step 3:** Configure Stream type, Record type and search time

**Step 4:** Click <Search>

**Step 5:** Select one window which there are a record, and click <▶> to start to playback.

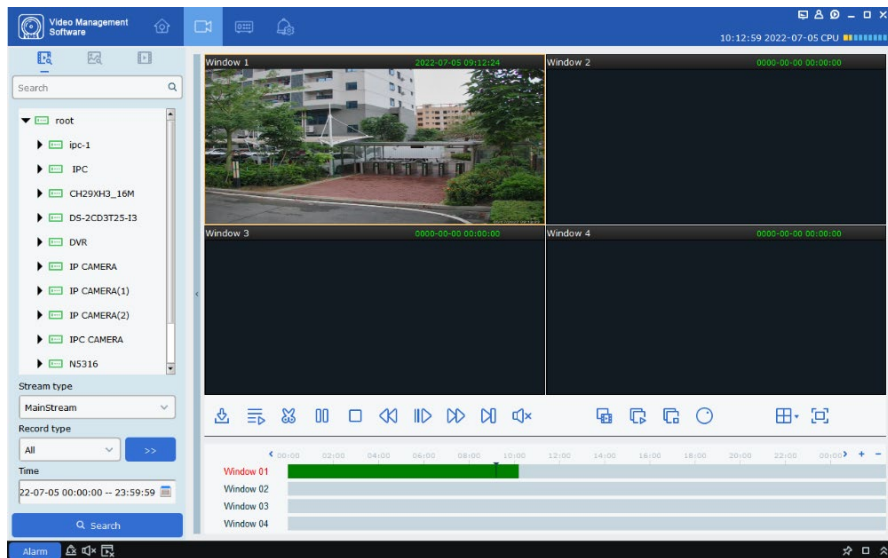






FIGURE 7-2 PLAYBACK RECORD

## 7.3 DOWNLOAD DEVICE RECORD

On the premise that there is device recording in the channel, the user can play back the device recording

(1) Clip to download:

- Step 1:** Click  icon on the Remote Playback mode;
- Step 2:** Double-click the Device tree to drag one channel to preview area;
- Step 3:** Configure Stream type, Record type and search time
- Step 4:** Click <Search>
- Step 5:** Select one window which there are a record, and click  to start to playback.
- Step 6:** Click  icon, and select a section of video and click  to download the record file
- Step 7:** Select Download directory and click <Download> to popup the <Download> interface shown as Figure 7-3-2
- Step 8** Processing Bar is finished, Exit the window.

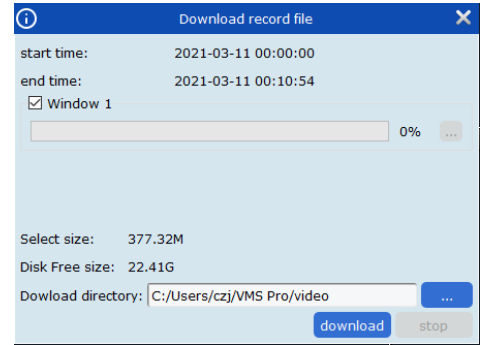


FIGURE 7-3-1 DOWNLOAD RECORD FILE

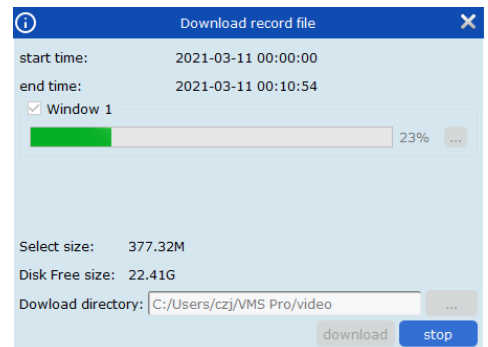




FIGURE 7-3-2 DOWNLOAD PROCESSING BAR

(2) Download record files by Time

- Step 1:** Click  icon on the Remote Playback mode;
- Step 2:** Double-click the Device tree to drag one channel to preview area;
- Step 3:** Configure Stream type, Record type and search time
- Step 4:** Click <Search>
- Step 5:** Select the channel(s) which have a record and Click  icon to enter into the interface shown as Figure 7-3-3
- Step 6:** Check the record(s) you want to download and select Download directory
- Step 7:** Click <Download> to popup the Processing-bar Window shown as Figure 7-3-4

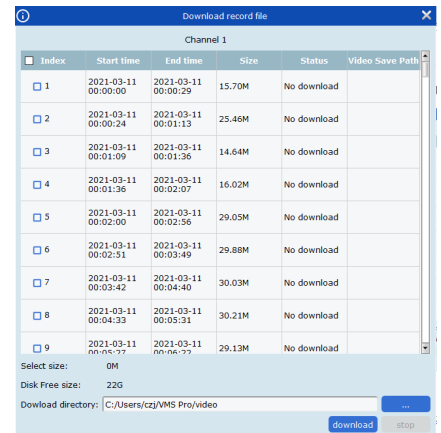


FIGURE 7-3-3 DOWNLOAD RECORD FILE

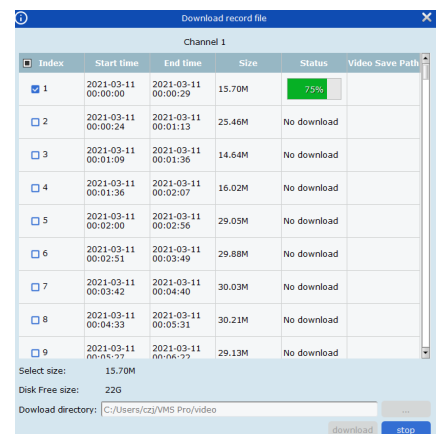



FIGURE 7-3-4 DOWNLOAD PROCESSING BAR


## 7.4 PLAYBACK DEVICE PICTURE

On the premise that there is device recording in the channel, the user can playback the device recording

**Step 1:** Click  icon on the Remote Playback mode;

**Step 2:** Double-click the Device tree to drag one channel to preview area;

**Step 3:** Click  Search Config  to configure the Search Conditions

**Step 4:** Click  to search all the Pictures shown as Figure 7-4-1

**Step 5:** Click   /167  to switch to next or previous page

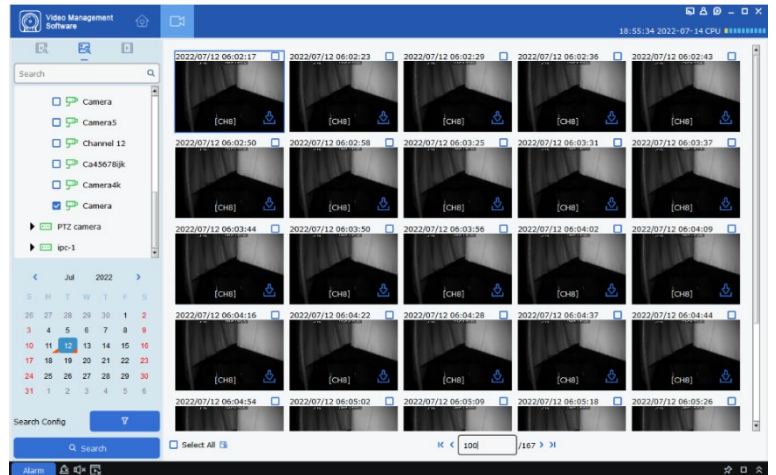




FIGURE 7-4-1 DEVICE PICTURES

## 7.5 DOWNLOAD DEVICE PICTURES

On the interface shown as Figure 7-4-1, click  icon to download the pictures.

Or check the box(s) in top-right corner of the picture one by one or check  Select All option, then click  icon to batch download the device pictures.

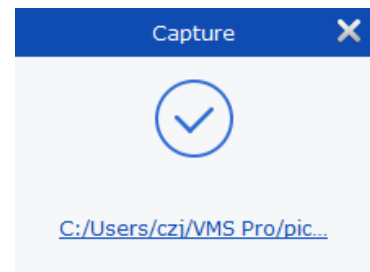






FIGURE 7-5 CAPTURED PICTURE

## 7.6 SMART SEARCH

On the <Stop Play> mode, Click  icon to enter into the <Smart Search> interface.

The <Smart Search> only playback one channel and The area with the video in the timeline is shown in blue

When playing-back, Click and drag the mouse to select the area to be searched. Then click the  to search the playback in the Red area. And Click  to delete the Frame Selection area and click  to exit the <Smart Search>.

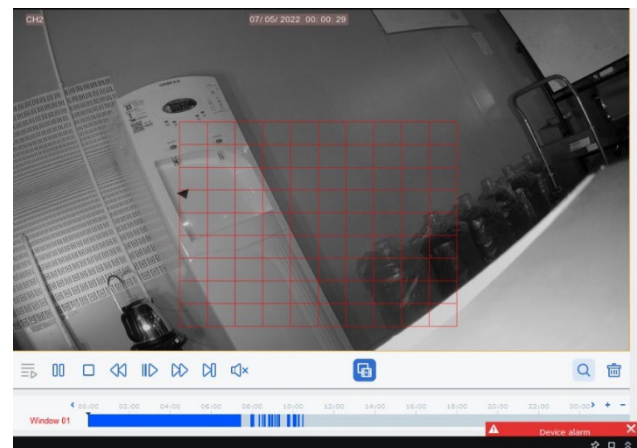


FIGURE 7-6 SMART SEARCH


## 7.7 TAG SEARCH

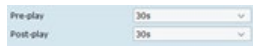
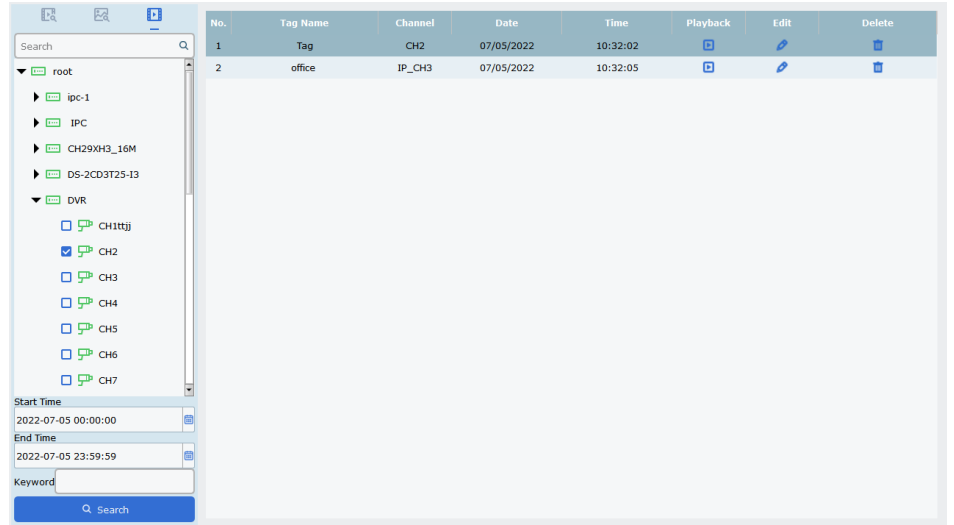
On the premise that there is Tag Search in the channel, the user can playback the Tag recording added


**Step 1:** Click  icon on the Remote Playback mode;



**Step 2:** Double-click the Device tree to drag one channel to preview area;

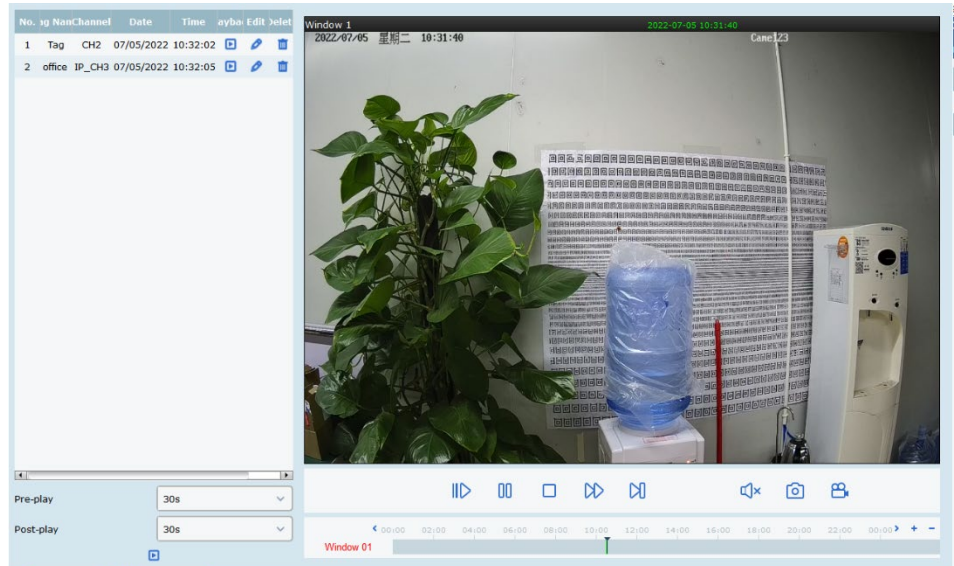
**Step 3:** Set the search time and keywords (No keywords means full search), and click <search>

Click  to enter into the below Playback interface



Herein set Preplay and Post-play time and click 

Click  to modify Tag name, and click  to delete the tag.



# CHAPTER 8 - LOCAL PLAYBACK

## 8.1 LOCAL PLAYBACK INTERFACE

Click <Local Playback> on the <Home Page> mode to enter into the interface shown as Figure 8-1-1

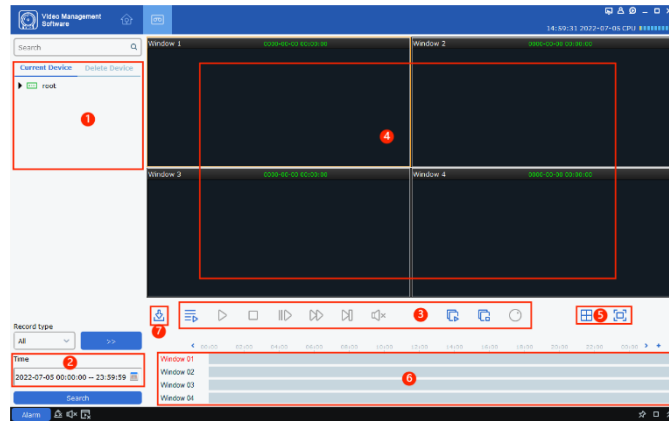


FIGURE 8-1-1 LOCAL PLAYBACK INTERFACE

No	Functions	Description/ Operation
1	Device Tree	Display all the devices You can select current devices and deleted devices
2	Search Time	You want to set search time of video playback. After selecting a device in the "Device Tree", select the search date. If there is a video recording on that date, there will be a subscript in the lower right corner of the date, and then click "Search".
3	Playback Control Bar	<ul style="list-style-type: none"> <li> Playback multi-channels simultaneously</li> <li> Start the playback</li> <li> Pause the playback</li> <li> Stop the playback</li> <li> Playback by a frame</li> <li> Fast Forward Playback the recording(s)</li> <li> Slow playback recording(s)</li> <li> Start the playback of all the channels</li> <li> Stop the playback of all the channels</li> <li> Enable/disable Fisheye mode</li> </ul>
4	Playback Window	<p>Recording playback display area:</p> <p><b>Capture:</b> On the specific window, click  icon or right-click the mouse and select  Capture &gt; option to snapshot a picture.</p> <p><b>E-zoom-in:</b> Click the  icon to zoom-in the area</p> <p><b>Record:</b> Click the  to record in the window which enable to record.</p> <p><b>Stop Play:</b> Click  icon to stop play</p> <p><b>Fisheye Mode:</b> Click  icon or right-click mouse to select the  Fisheye &gt; option to enter into the Fisheye mode.(Only for Fisheye cameras)</p> <p><b>Fullscreen Mode:</b> Click  icon or right-click the mouse to select the  Fullscreen &gt; option to enter into the Fullscreen mode</p>
5	Split-Screen Mode	<p>Click the  icon to select the split-screen mode you desired.</p> <p>Click  icon or select  Fullscreen &gt; option to enter into the Fullscreen mode</p>
6	Time Control Bar	<p>Click  to increase the accuracy of playback process</p> <p>Click  to decrease the accuracy of playback process</p> <p>Click  to move the display area of processing bar, or highlight a  icon and drag it to move left and right.</p>
7	Download Record	Click  icon to enter into the <Download Record> interface

## 8.2 PLAYBACK LOCAL RECORD

Herein we will introduce Playback operation method, for detailed configuration about playback and playback control, please refer to the Chapter 17-<Local Record>.

**Step 1:** Click <Local Playback> on the Home Page

**Step 2:** Check the device(s) you desire to playback and configure the date and time you want to playback

**Step 3:** Click <Search> to enter into the interface shown as Figure 8-2-1

**Step 4:** Click <▶> or <◀> to enter into the playback interface shown as Figure 8-2-2.

**Note:** The default mode of local video playback is asynchronous playback. If User need to enable synchronous playback, click <⏮> icon to enter synchronous playback mode shown as Figure 8-2-3.

After entering the synchronous play mode, click <▶> icon to start Synchronous Play, and click <◻> icon to stop Synchronous Play.

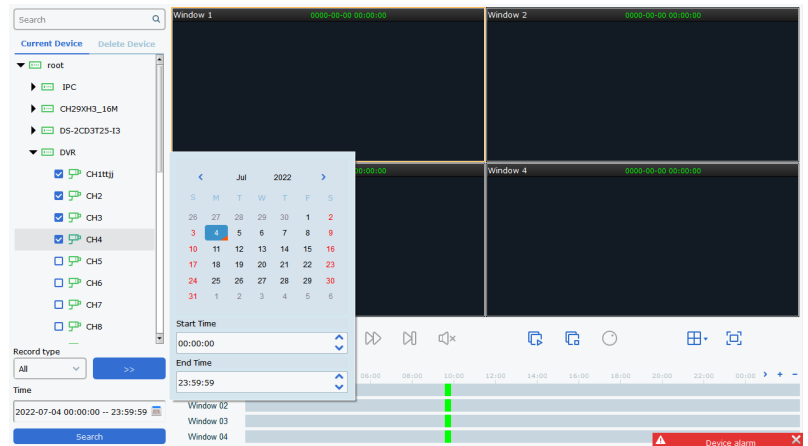


FIGURE 8-2-1 LOCAL RECORD SEARCH

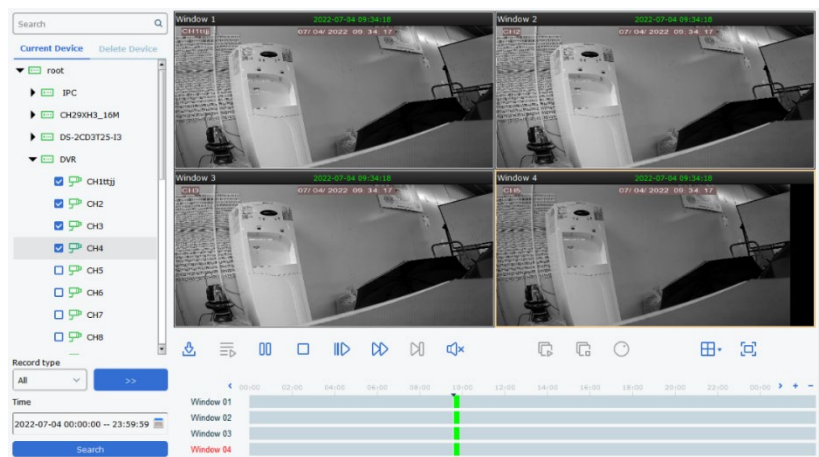


FIGURE 8-2-2 LOCAL RECORD PLAYBACK

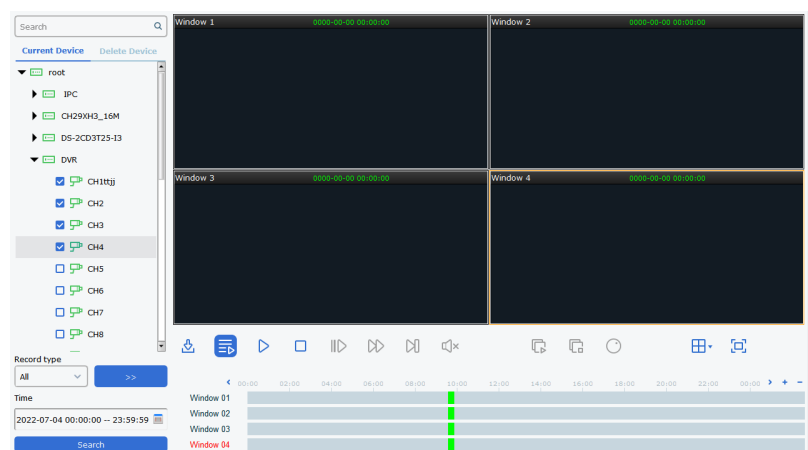















FIGURE 8-2-3 SYNCHRONOUS PLAYBACK

# CHAPTER 9 - FISHEYE VIEW MODE

The function is only suitable for fisheye camera. Please refer to the Table 9-1 for the view modes corresponding to different installation modes

Parameters	Description	
View Mode	The View modes (All modes support the original mode), according to different installation methods, are as follows: 1) Ceiling Mount : VR、 、 1P、 1P+1、 1P+3、 1P+6、 1P+8、 1+3、 1+8、 2、 2P、 4。 2) Wall Mount : VR、 1P、 1P+3、 1P+8、 1+3、 1+8、 4。 3) Floor Mount : VR、 cylinder、 1P、 1P+1、 1P+3、 1P+6、 1P+8、 1+3、 1+8、 2P、 4。	
Ceiling Mount/ Floor Mount	 : Original Image	Ceiling Mount/ Floor Mount
Ceiling Mount	 : 2	Ceiling Mount
Ceiling Mount	 : VR	Ceiling Mount
		Floor Mount
	 : cylinder	Zylinder-Modus, kann auf eine Ebene gestreckt werden. Die Ansicht unterstützt das Verschieben
	 : 4	In vier Bilder unterteilter Modus, wobei die Ansichten das Zoomen und Verschieben unterstützen
	 : 2P	In zwei Ansichten unterteilter Panoramamodus, der aus zwei rechteckigen auf 180° gestreckten Ansichten besteht. Die beiden Fenster können jederzeit ein 360° Panorama bilden, was auch als doppelter Panoramamodus bezeichnet wird. Beide rechteckigen gestreckten Ansichten unterstützen das Verschieben des Startpunkts links und rechts und sind außerdem miteinander verknüpft.
	 : 1P	360° rechteckig gestreckter Panoramamodus
	Floor Mount	 : 1P+1
 : 1P+3		360° rechteckig gestreckter Panoramamodus mit drei Unterfenstern Die Unterfenster und das Unterfenster des 360° Panoramamodus unterstützen das Zoomen und Verschieben. Der 360° rechteckig gestreckte Modus unterstützt allerdings keinen Zoom und auch kein Verschieben.
 : 1P+6		360° rechteckig gestreckter Panoramamodus mit sechs Unterfenstern Die Unterfenster und das Unterfenster des 360° Panoramamodus unterstützen das Zoomen und Verschieben. Der 360° rechteckig gestreckte Modus unterstützt allerdings keinen Zoom und auch kein Verschieben.
 : 1P+8		360° rechteckig gestreckter Panoramamodus mit sechs Unterfenstern Die Unterfenster und das Unterfenster des 360° Panoramamodus unterstützen das Zoomen und Verschieben. Der 360° rechteckig gestreckte Modus unterstützt allerdings keinen Zoom und auch kein Verschieben.
Ceiling Mount Floor Mount		 : 1+3
	 : 1+8	Das ursprüngliche Fenster sowie acht Unterfenster Die Unterfenster und das Unterfenster des ursprünglichen Modus unterstützen das Zoomen und Verschieben; aber der ursprüngliche Modus unterstützt nur das Zoomen.












Wall Mount	 : VR	Wall Mount
	 : 1P	360° rechteckig gestreckter Panoramamodus ein 360° rechteckig gestrecktes Panoramabild von links nach rechts, bei dem sich der vertikale Betrachtungswinkel ändert. Unterstützt kein Zoomen oder Verschieben.
	 : 4	In vier Bilder unterteilter Modus, wobei die Unterfenster das Zoomen und Verschieben unterstützen
	 : 1P+3	360° rechteckig gestreckter Panoramamodus mit drei Unterfenstern Die Unterfenster und das Unterfenster des 360° Panoramamodus unterstützen das Zoomen und Verschieben. Der Panoramamodus allerdings unterstützt keinen Zoom und auch kein Verschieben.
	 : 1P+8	360° rechteckig gestreckter Panoramamodus mit acht Unterfenstern Die Unterfenster und das Unterfenster des 360° Panoramamodus unterstützen das Zoomen und Verschieben. Der Panoramamodus allerdings unterstützt keinen Zoom und auch kein Verschieben.
	 : 1+3	Das ursprüngliche Fenster sowie drei Unterfenster Die Unterfenster und das Unterfenster des ursprünglichen Modus unterstützen das Zoomen und Verschieben; Der ursprüngliche Modus unterstützt aber keinen Zoom und kein Verschieben.
	 : 1+8	Das ursprüngliche Fenster sowie acht Unterfenster Die Unterfenster und das Unterfenster des ursprünglichen Modus unterstützen das Zoomen und Verschieben; Der ursprüngliche Modus unterstützt aber keinen Zoom und kein Verschieben.

TABLE 9-1 VIEW MODE EXPLANATION

## 9.1 FISHEYE MODE ON THE LIVE VIEW

**Step 1:** Click  mode on the Preview window or right-click mouse to select  **Fisheye** > to enter into the interface shown as Figure 9-1-1

### 1. Fisheye Installation Mode

Allow you switch fisheye installation mode, including Ceiling Mount, Wall Mount and Floor Mount

### 2. Fish View Mode

Allow you switch fisheye view mode


### 3. Live View Display are

**Step 2:** Set its installation mode and view mode for the fisheye camera, you can control the device by PTZ panel.



FIGURE 9-1-1 FISHEYE MODE

## 9.2 PLAYBACK FOR FISHEYE MODE

Click  icon on the Playback module to enter into the Fisheye mode. Details please refer to chapter 9.1 – Fisheye mode on Live View.



# CHAPTER 10 - LOG SEARCH

You can search for and export log files, view the log details and backup the log files.

## 10.1 SEARCH LOG OF THE DEVICE

**Step 1:** Click the <Log Search> on the Home Page

**Step 2:** Select <📄> icon, system displays the local log interface shown as Figure 10-1

**Step 3:** Select the device you want to search, allow you select current or deleted device(s)

**Step 4:** You can configure the <User Name>, <Start time>, <End time>, <Log Type> etc. according to your actual requests.

**Note:** Local Log include Alarm Log, System Log and Operation Log

**Step 5:** Click <Search> and the search result will appear as follows.

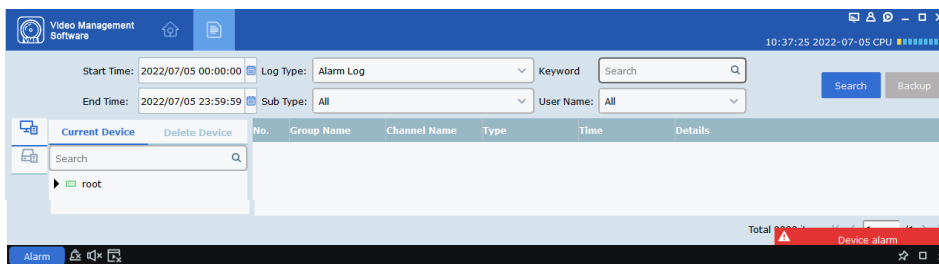


FIGURE 10-1 LOCAL LOG SEARCH

**Note:** Click <Backup> to export the client log information

## 10.2 SEARCH REMOTE DEVICE LOG

**Step 1:** Click the <Log Search> on the Home Page

**Step 2:** Select <📄>, system displays the remote log interface shown as Figure 10-2

**Step 3:** You can configure the <Start time>, <End time>, <Log Type> etc. according to your actual requests.

**Note:** Device logs include System log, Config. log, Alarm log, User log, Recording Log, Storage log and AI log etc.

**Step 5:** Click <Search> and the search result will appear as follows. Now you can click <Backup> to export device log information.

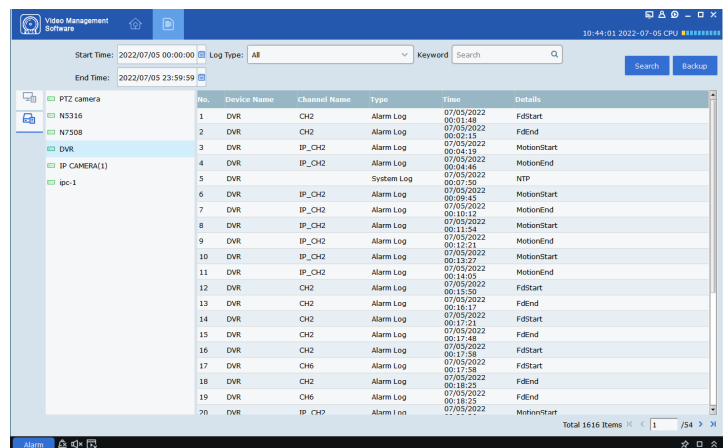



FIGURE 10-2 REMOTE DEVICE LOG

# **CHAPTER 11 (CANCELLED)**



# CHAPTER 12 - AI SEARCH

AI search includes face detection, Human/Vehicle search, and Repeat Visitor search. The face detection function supports the detection of pedestrians in the set area and captures clear face images; supports recognition of facial features of captured face images; supports recognition of human/vehicle shape

## 12.1 FACE SEARCH


**Step 1:** Click <  > icon to enter into the Face Search interface shown as Figure 12-1-1

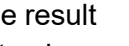
**Note:** The function will be available only for a device supported AI recognition.



1. Device Tree
2. Search Result Area
3. Set Search conditions
4. Comparison Area
- Click <  > to add local picture or device pictures and set the Similarity
- Click <  > to proceed comparison search.
- Wiedergabefenster für Aufnahmen
5. Recording Playback area
6. Face details Display area

**Step 2:** Select channel and Face group and set search time

**Step 3:** Click <Search>

Click <  > icon in the Comparison area to select one picture from the device

Click <  > to compare one result

**Step 4:** Click one picture you want to view a record, click <  > on the Recording Playback Area, Click <  > to enter into full screen mode shown as Figure 12-1-4.

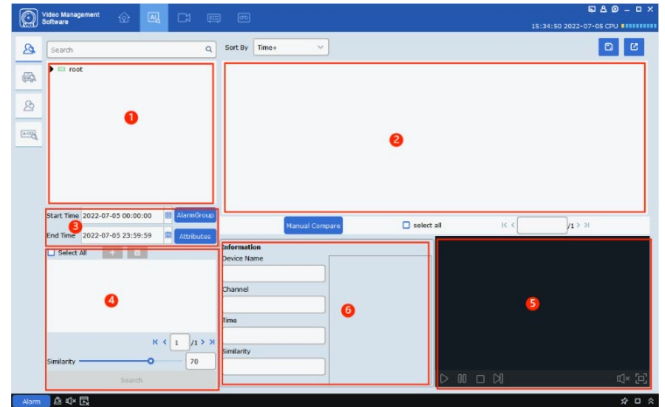


FIGURE 12-1-1 FACE SEARCH INTERFACE

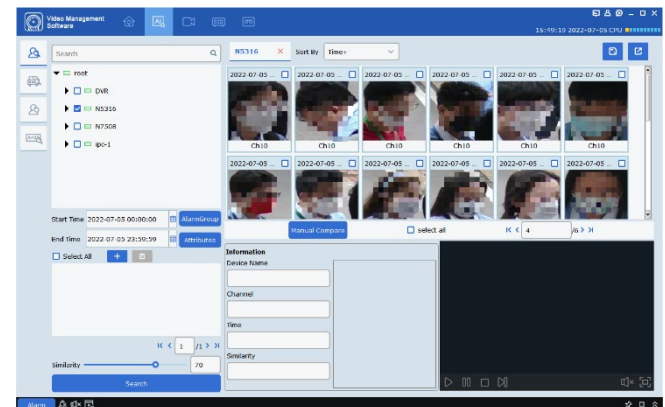


FIGURE 12-1-3 FACE SEARCH RESULT

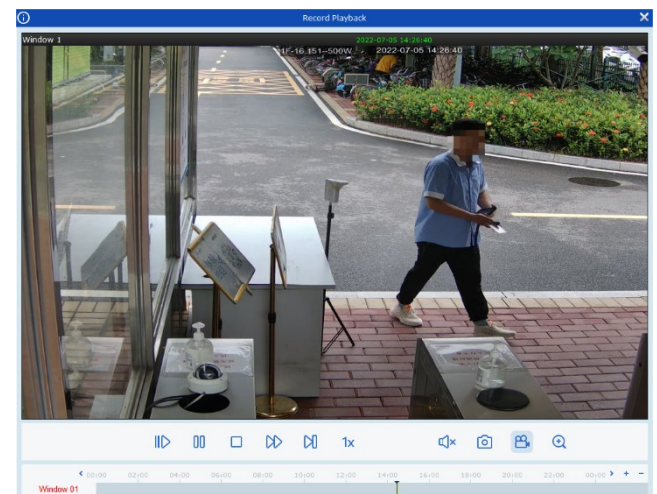



FIGURE 12-1-4 PLAYBACK MODE


## 12.2 HUMAN/VEHICLE SEARCH

**Step 1:** Click <  > icon to enter into the Human/Vehicle Search interface shown as Figure 12-2-1

1. Device Tree
2. Set Search conditions
3. Search Result Area
4. Face details Display area
5. Recording Playback area

**Step 1:** Select one device(s) from the device tree;

**Step 2:** Set Search time, type and click <Search>

**Step 3:** The search results will appear in the Search Result Area. You can check the upper-right box and click <  > icon to export its details. Also you can playback the results in the Playback area.

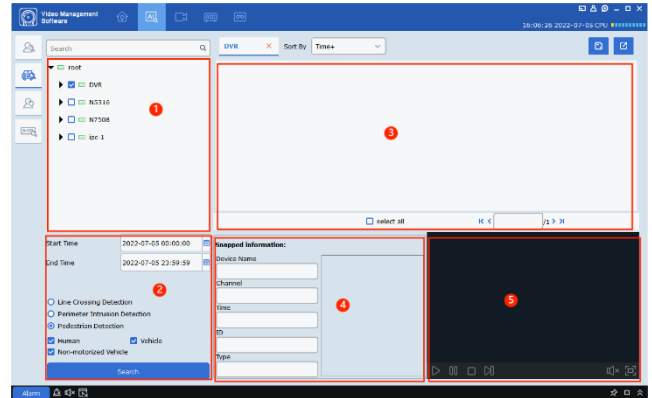


FIGURE 12-2-1 HUMAN/VEHICLE SEARCH INTERFACE

## 12.3 REPEAT VISITOR SEARCH

**Step 1:** Click <  > icon to enter into the Repeat Visitor Search interface shown as Figure 12-3-1

1. Device Tree
2. Set Search conditions
3. Search Result Area
4. Repeat Visitor Info Display area
5. Recording Playback area

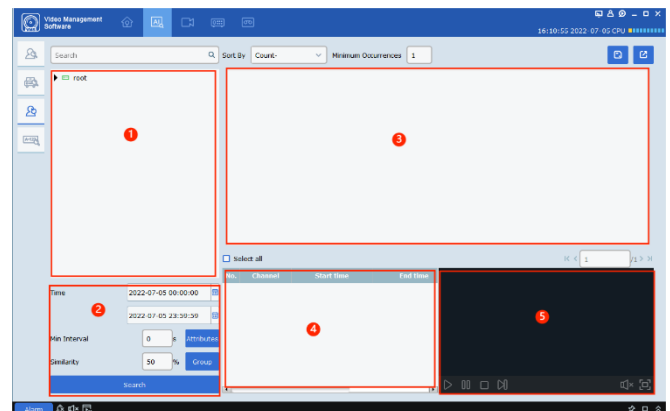
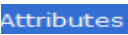


FIGURE 12-3-1 REPEAT VISITOR INTERFACE

**Step 2:** Select a device(s) from the device tree, set min interval and Similarity.

If you have a person who need to be searched, select the group the person belongs to in, or you need to select an attribute, click <  > to select the attribute to be searched.

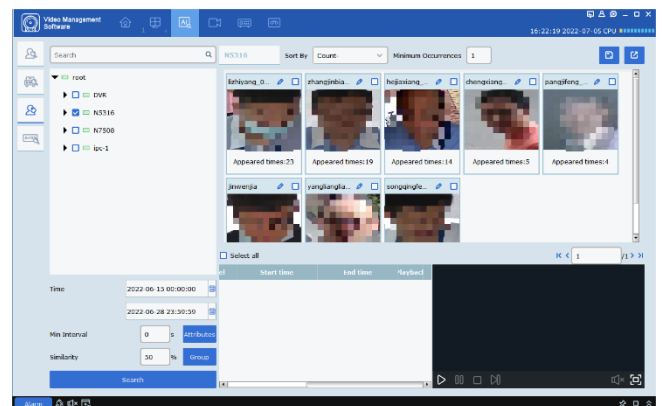


FIGURE 12-3-2 SEARCH RESULT

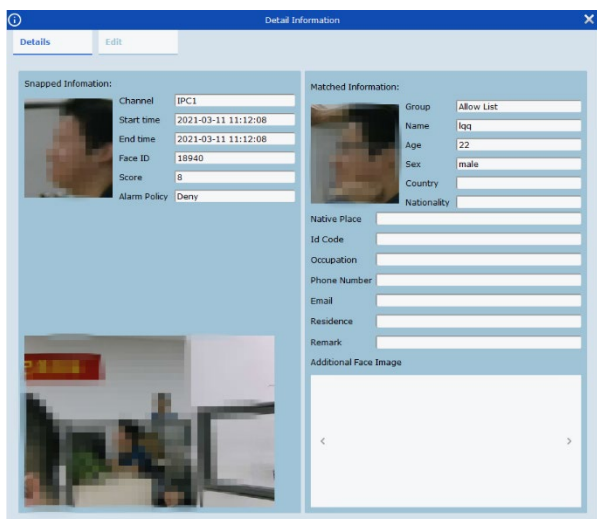


FIGURE 12-3-3 DETAILS INTERFACE

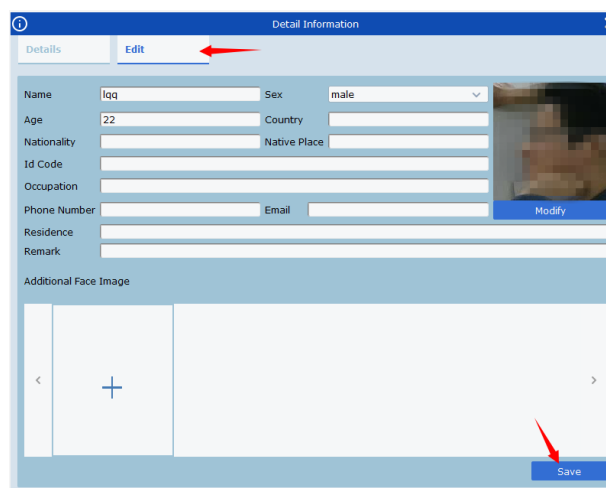





FIGURE 12-3-4 INFORMATION EDITING

**Step 3:** Click <Search>

Search results are displayed in the form of cards. The card is divided into three parts:

Stranger  

The first part record the visitor's name. If it can't be recorded in the database, it will be displayed as Stranger. Click < > to check the details shown as Figure 12-3-3  
The second part record the captured picture

Appeared times:23

: The third part record the appeared times for the captured face.

In the <Detail Information> mode, click <Edit> to add/modify relative info into the device

You can check the search result(s) and click < > icon on the upper-right corner to export the info

**Step 4:** In the Repeat Visitor Info Display area, you can check all the information which repeat visitors was captured by device every time

Click < > button to playback the video.






No.	Channel	Start Time	End Time	Playback
1	IPC3	2019-11-22 05:35:05	2019-11-22 05:35:06	
2	IPC3	2019-11-22 05:35:47	2019-11-22 05:35:48	
3	IPC3	2019-11-22 05:35:51	2019-11-22 05:35:52	
4	IPC3	2019-11-22	2019-11-22	

FIGURE 12-3-5 INFO DISPLAY AREA

## 12.4 LICENSE PLATE SEARCH

**Step 1:** Click <  > icon to enter into the Plate Search interface shown as Figure 12-4-1

**Note:** The function will be available only for a device supported Plate recognition.

1. Device Tree
2. Set Search conditions
3. Search Result Area
- 4.

**Step 2:** Select a device(s) from the device tree, set Search Time, Plate Group, and input Plate Number and click <Add> to add the plate to Search list

**Step 3:** Click <Search> to enter into the interface shown as Figure 12-4-2

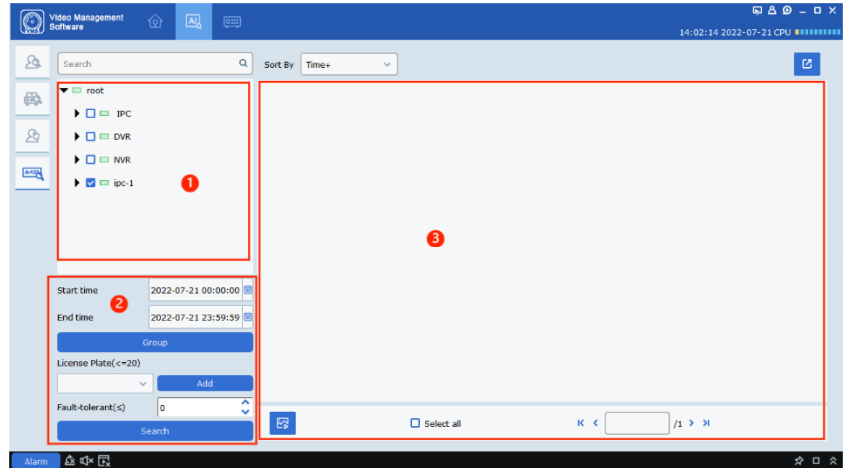


FIGURE 12-4-1 PLATE SEARCH INTERFACE

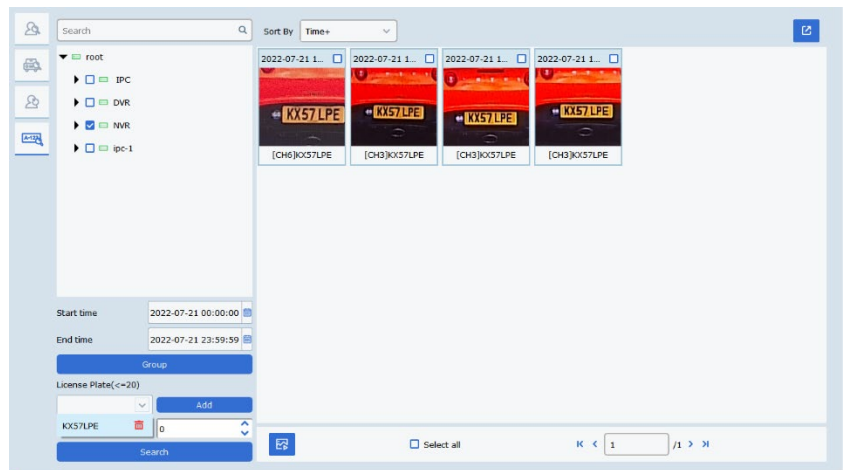


FIGURE 12-4-2 PLATE SEARCH RESULT

# CHAPTER 13 - DATA ANALYSIS

Click <Data Analysis> on the Home Page to enter the data analysis interface. The module has 5 parts, namely face detection statistics, human/vehicle detection statistics, line passing statistics, heat map and attendance statistics search.

## 13.1 FACE DETECTION

Enter into the <Face Detection> Interface shown as Figure 13-1-1

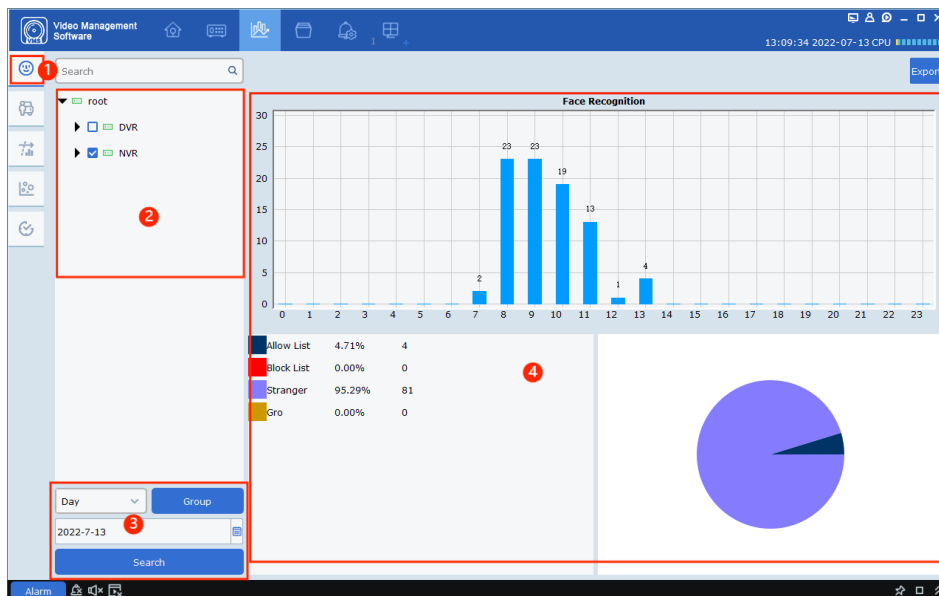


FIGURE 13-1-1 FACE DETECTION STATISTICS

1. Face Detection Statistics Module
2. Device Tree
3. Set Search conditions
4. Search Result Area

**Step 1:** Select one device from the device tree

**Step 2:** Set the Search time and Group, then click <Search>

**Step 3:** System will display search results in the form of bar graphs and pie graphs in the Search Result area



## 13.2 HUMAN/VEHICLE STATISTICS

Enter into the <Human/Vehicle Detection> Interface shown as Figure 13-2-1

1. Human/Vehicle Statistics Module
2. Device Tree
3. Set Search conditions
4. Search Result Area

The Human/Vehicle Detection Search is very similar to Face Detection Module. The difference is Human/Vehicle search only has a bar graphs

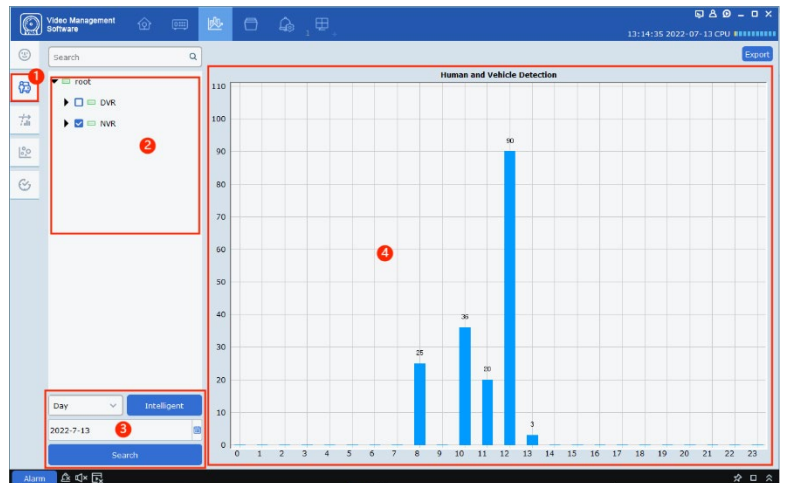


FIGURE 14-2-1 HUMAN/VEHICLE DETECTION STATISTICS

## 13.3 CROSSING COUNTING STATISTICS

Enter into the <Crossing Counting Statistics> Interface shown as Figure 13-3-1

1. Crossing Counting Statistics Module
2. Device Tree
3. Set Search conditions
4. Search Result Area

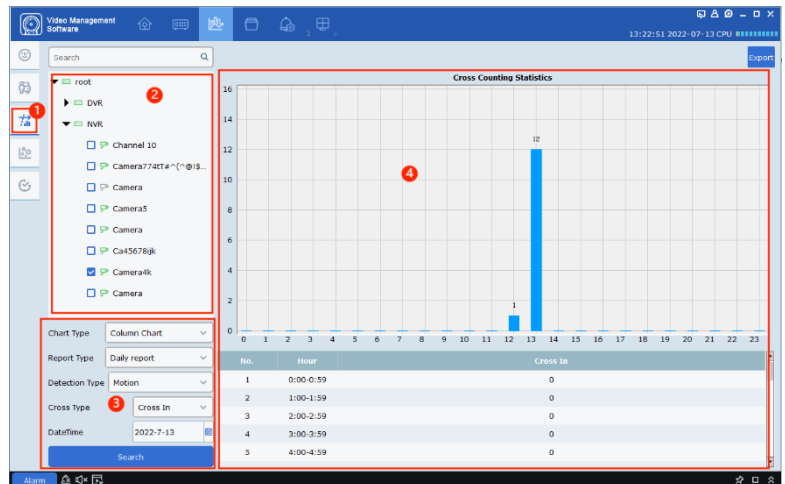


FIGURE 14-3-1 C.C. STATISTICS INTERFACE

## 13.4 HEAT MAP STATISTICS

Heat Map Statistics identify the relative frequency of people flows in each area by layering the color. The deeper the color, the more active the people flows in the area.

Enter into the <Heat Map Statistics> Interface shown as Figure 13-4-1

1. Heat Map Statistics Module
2. Device Tree
3. Set Search conditions
4. Search Result Area

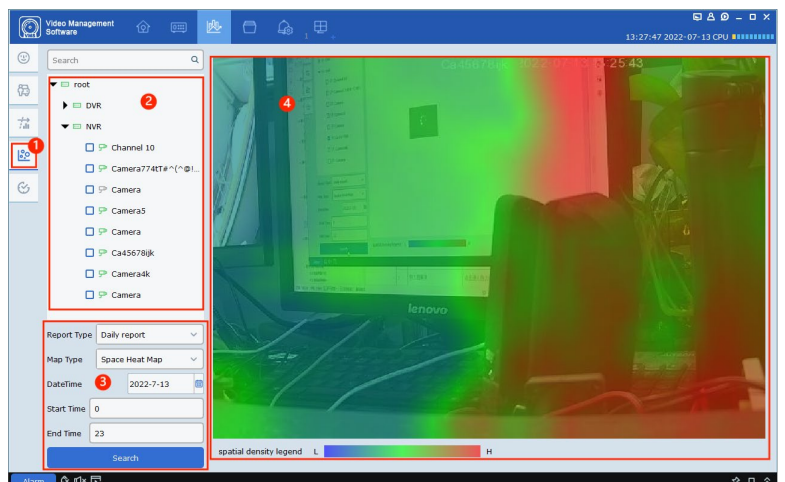


FIGURE 13-4-1 HEAT MAP INTERFACE

## 13.5 FACE ATTENDANCE STATISTICS

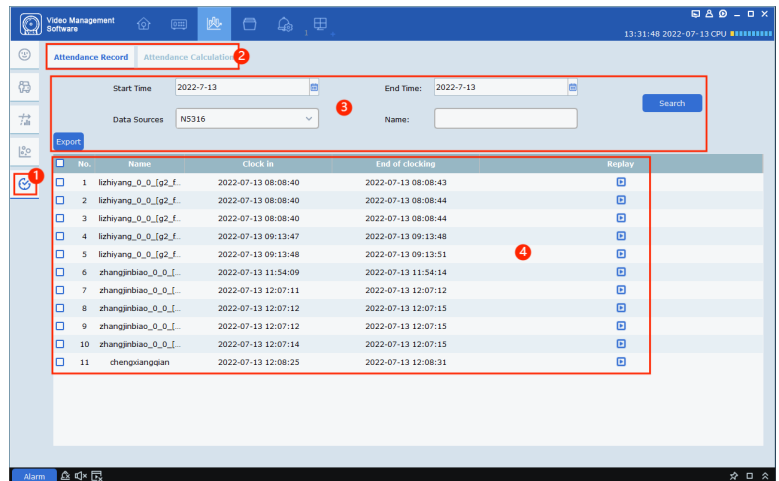
The staff can clock on and off by face. No contact, no feeling, which can reduce bacterial contact or viral cross-infection. Moreover, the face attendance data can be exported as a file and be sent to a specified email address according to the schedule setting.

Click <🔄> icon to enter into the <Heat Map Statistics> Interface shown as Figure 13-5-1

1. Face Attendance Statistics Module
2. Attendance Record and Calculation
3. Set Search conditions
4. Search Result Area

**Attendance record:** Display the start and end time of each attendance of each person in the search device area, as well as the recording events associated with the entry

**Attendance calculation:** According to the attendance rules set in the attendance management, system will calculate the attendance status of the attendance personnel.




No.	Name	Clock In	End of clocking	Replay
1	lizhiyang_0_0_[g2].f.	2022-07-13 08:08:40	2022-07-13 08:08:43	[🔍]
2	lizhiyang_0_0_[g2].f.	2022-07-13 08:08:40	2022-07-13 08:08:44	[🔍]
3	lizhiyang_0_0_[g2].f.	2022-07-13 08:08:40	2022-07-13 08:08:44	[🔍]
4	lizhiyang_0_0_[g2].f.	2022-07-13 09:13:47	2022-07-13 09:13:48	[🔍]
5	lizhiyang_0_0_[g2].f.	2022-07-13 09:13:48	2022-07-13 09:13:51	[🔍]
6	zhangjinbiao_0_0_[	2022-07-13 11:54:09	2022-07-13 11:54:14	[🔍]
7	zhangjinbiao_0_0_[	2022-07-13 12:07:11	2022-07-13 12:07:12	[🔍]
8	zhangjinbiao_0_0_[	2022-07-13 12:07:12	2022-07-13 12:07:15	[🔍]
9	zhangjinbiao_0_0_[	2022-07-13 12:07:12	2022-07-13 12:07:15	[🔍]
10	zhangjinbiao_0_0_[	2022-07-13 12:07:14	2022-07-13 12:07:15	[🔍]
11	chengxiangqian	2022-07-13 12:08:25	2022-07-13 12:08:31	[🔍]

FIGURE 13-5-1 FACE ATTENDANCE STATISTICS

# CHAPTER 14 - AI SCENARIO

Click <AI Scene> on the Home Page to enter the AI scene interface

## 14.1 CROSSING COUNTING

Click < > icon to enter into the interface shown as Figure 14-1-1

1. Device Tree

2. Function module:

- allow you switch to Channel, Group, Search and Setup interface.

3. Preview Area

- On the preview mode, each channel displays the total people in the channel, people who entered, who went out and who stayed in the channel.

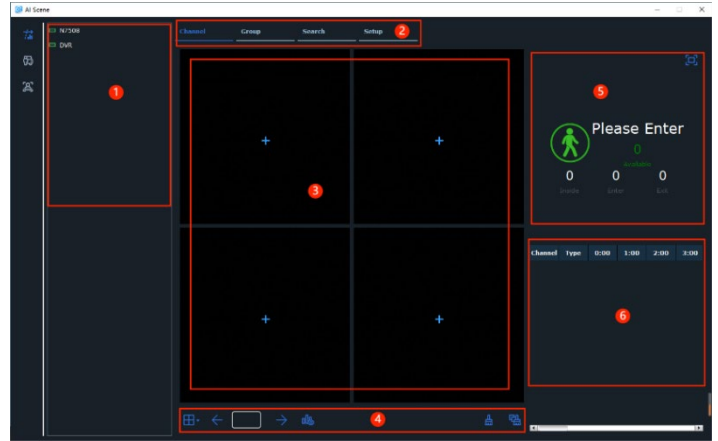




FIGURE 14-3-1 C.C. STATISTICS INTERFACE

- When there is no preview images, the < > icon appear in the middle of each window. Click < > to enter into the Setup page


4. Control Area

- Click < > to switch the split-screen mode, allow you change between 1, 4, 6, 8 and 9-split-screen mode;

- Click < > to switch to next or previous page



- Click < > display or hide channel data


- Select one channel and click < > to clear the counting of the channel;

- Click < > to clear all the counting for all the channels

5. Display Area

- This area displays the value and status of the selected channel or group

- Under normal circumstances, if number of people staying inside is less than the maximum set, the < > icon and the maximum number of people displayed will be green and Please Enter is displayed. When the number of people staying inside is greater than or equal to the maximum set, the < > icon and the maximum number displayed is also red, and Please Wait is displayed.

- In the display area, click the < > button to make the display area full screen. If the advertisement is not set, the area will display in the full-screen mode. If the display advertisement is set, the advertisement will be played in turn, and all the icon text values in the display area will be displayed on the right side of the screen to ensure that the user can view the channel and specific value in real time.

- To exit the full screen, right-click the mouse to exit, and return to the original window

6. Statistics Display Area

- This area displays the number of people entering, leaving and staying in each channel in real time in one day. When a certain value is 0, replace it with "-"

Click <Group> option to enter into the <Group> Preview Mode

1. The difference between the group and the channel is that the channel preview takes the channel as the unit, and the parameters of each channel can be set. The group preview takes the whole group as the unit, and only the parameters of the whole group can be set. Each channel only displays the incoming value and the outgoing value. Group preview mode supports map mode.

2. Set Group and select Mode (Live or Map). "Live" is the preview mode. "Map" is the map mode. System default to Live mode.

3. Click <Map> to enter into the <Map Mode> interface shown as Figure 14-1-3

- Click <Add Map> icon to add a map, click <Modify Map> icon to modify a map and click <Full-screen mode> icon to enter into the Full-screen mode.

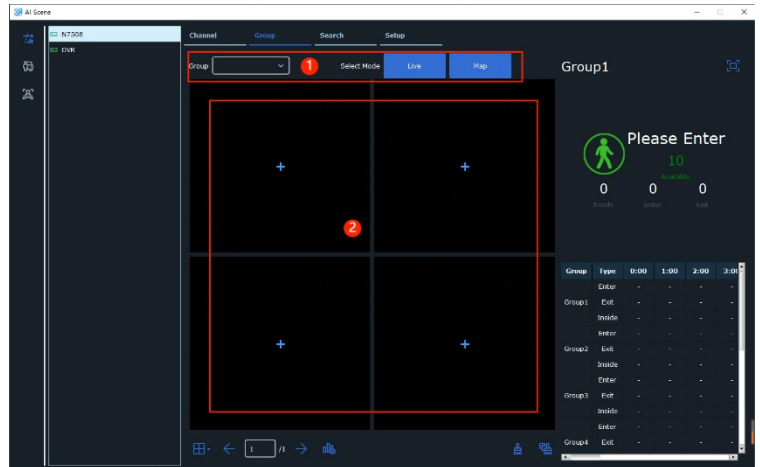


FIGURE 14-1-2 GROUP PREVIEW INTERFACE

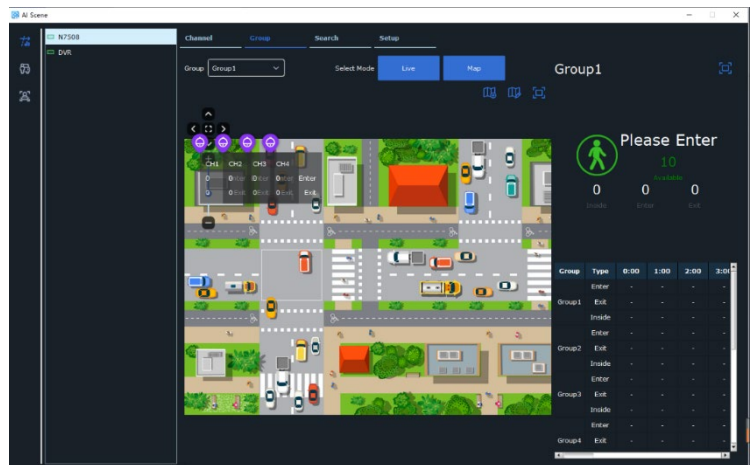


FIGURE 14-1-3 MAP MODE INTERFACE

Click <Search> option

1. Device Tree

2. Search Display Area

- In the form of a pie chart, it displays the total and average number of people entering, leaving, and not leaving for each channel or group searched during the time period. Check the <Total/Average> box to switch between the total number of people and the average number of people.

3. Set Search conditions

4. Search Statistics Display Area

- Herein, the trend changes of the number of people entering and leaving are displayed in the form of bar charts, line charts and tables.

- Channel [dropdown] [Bar Chart] [Line Chart] [Table] [Export] The drop-down box can switch between different channels or groups. The last three buttons switch between bar charts, line charts and tables respectively. Click <Export> icon to export the data

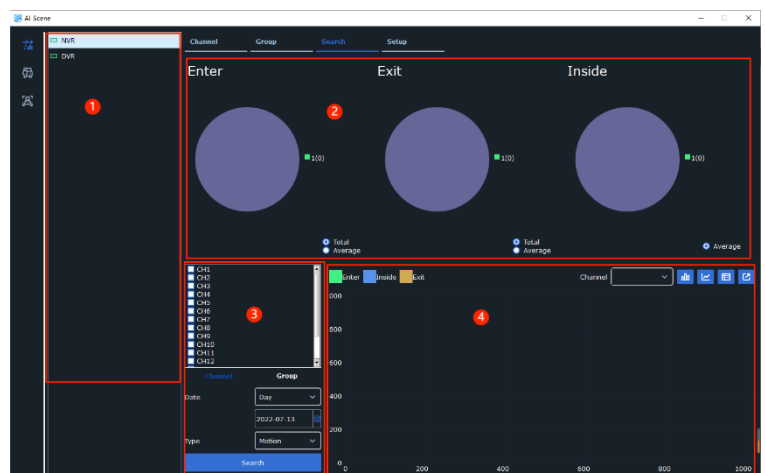


FIGURE 14-1-4 SEARCH FOR C.C. STATISTICS

Click <Setup> option, and configure the parameters for C.C. statistics.

1. Device Tree
2. Advertise Configuration
  - Advertise Mode
  - Keep Aspect Ratio
  - SEQ Dwell Time
  - Image Control Button
3. Channel/Group Configuration

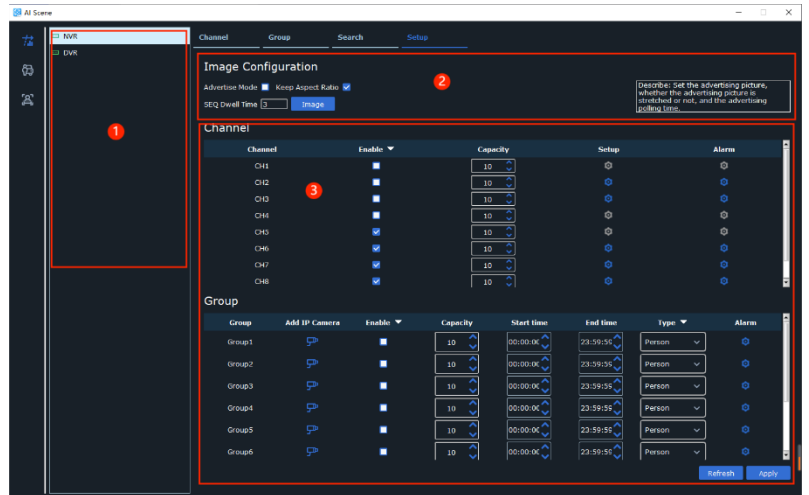


FIGURE 14-1-5 SETUP FOR C.C. STATISTICS

- Channel configuration:

One piece of data for each channel,

**Channel:** channel number,

**Enable:** whether to display,

**Capacity:** set the upper limit of the number of people who cannot be counted,

**Setup:** set the parameters for cross Counting statistics

**Alarm:** set the alarm output parameters, see Figure 15-8.

- Group configuration:

A group can only have 8 groups at most.

**Group:** group number,

**Add IP Camera:** click to configure the channel of the group,

**Enable:** whether to display,

**Capacity:** set the upper limit of the number of people in each group; **Start time / End time:** set the start and end time,

**Type:** set the Detection Type

**Person:** detector

**Vehicle:** detected Vehicle.

**Alarm:** sets alarm output parameters.

**Image Management:** Add/Delete the alarm Picture

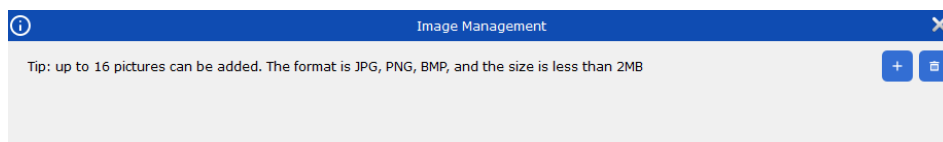


FIGURE 14-1-6 C.C. STATISTICS – IMAGE MANAGEMENT

Click <+> to add local pictures and <trash> to delete added pictures from the device. Allow you add 16 pictures and the size for each picture is less than 2MB.

**Channel Configuration:** Set the channel parameters shown as Figure 14.1-7

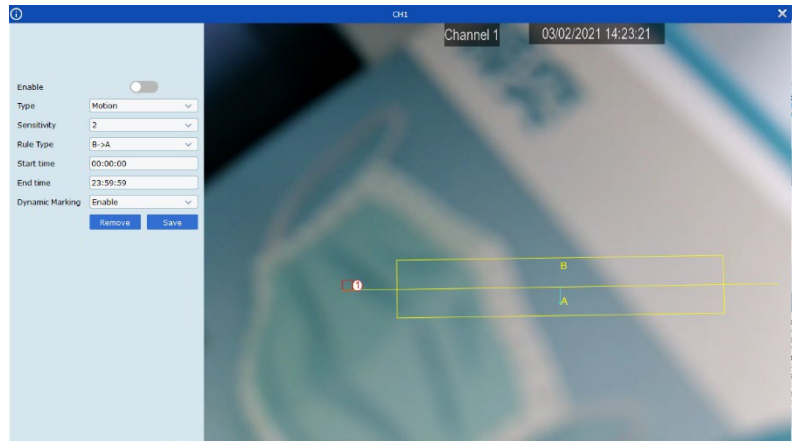
**Alarm out:** Click <⚙️> in the current channel/group to enter into the <Alarm out> setup interface shown as Figure 14-1-8

**Buzzer:** enable/disable Buzzer

**Alarm Out:**

Local->1 stand for Local alarm out;

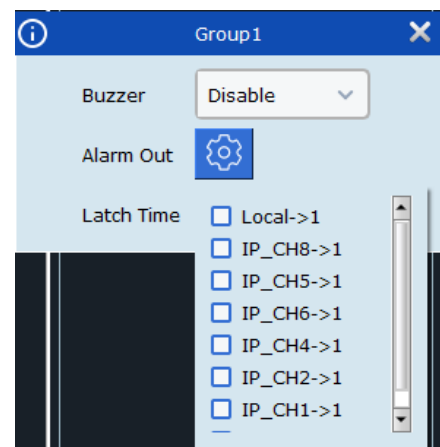
IP\_CH1->1 ... stand for front-end alarm out



**FIGURE 14-1-7 C.C. STATISTICS – CHANNEL SETUP**

**Latch Time:** Indicates alarm duration

**Note:** Channels are mutually exclusive in the channel or group, that is, we can't select one channel simultaneously in Channel and Group configuration. Groups are also mutually exclusive, and a channel cannot exist in two different groups at the same time.



**FIGURE 14-1-8 C.C. STATISTICS – ALARM OUT**

## 14.2 MIXED DETECTION


Click  to enter into the Mixed Detection Scene interface shown as Figure 14-2-1



FIGURE 14-2-1 MIXED DETECTION INTERFACE

### 1. Device name and Status


Click the <Device> drop-down Box to switch to other device


Status show if the device is online or offline

### 2. Time and Statistics duration: Display the current date and Set the statistics duration

3. Display all detection types and accumulated capture data of the selected equipment within the set duration

### 4. Preview Area:

Click  to enter into a single channel mode

Click  to enter into Quad-split mode

Click  to select one channel you desired.

### 5. Car Capturing Preview Area:

Real time display of captured vehicle pictures, as well as capture time and channel information

### 6. Non-motorized Vehicle Capturing Preview Area

Real time display of captured images of non-motorized vehicles, as well as capture time and channel information


### 7. Face Capturing Display Area:

Real time display of captured face images, as well as capture time and channel information

### 8. Pedestrian Capturing Display Area

Real time display of captured pedestrian pictures, as well as capture time and channel information

## 14.3 FACE ATTENDANCE

Click  to enter into the Face Attendance Scene interface shown as Figure 14-3-1.

### 1. Device name and Status

Click the <Device> drop-down Box to switch to other devices

Status show if the device is online or offline

### 2. Time and Total number of people

Display the current date and time

Display total quantities to be attendance, total quantities with attendance and total quantities without attendance

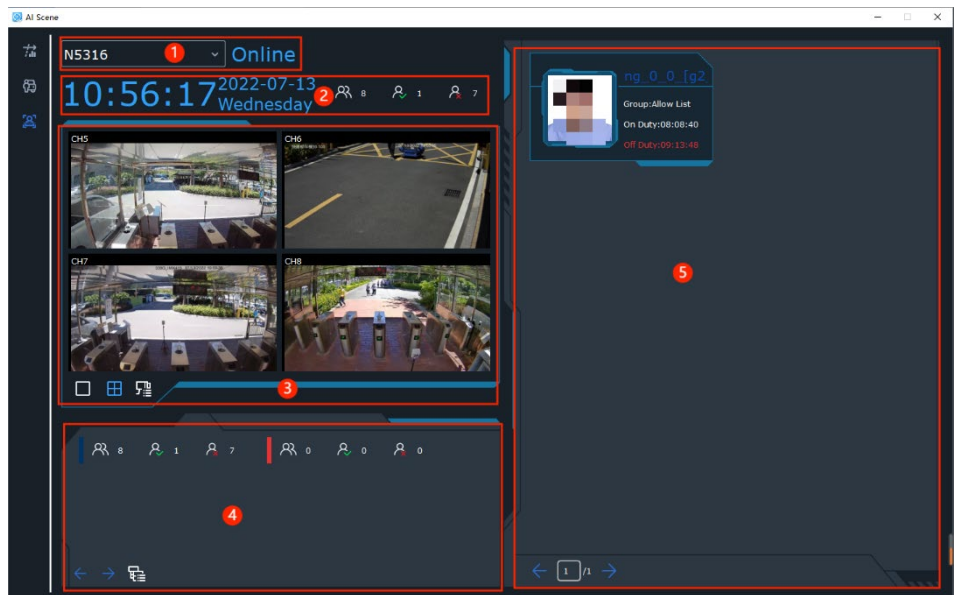





FIGURE 14-3-1 FACE ATTENDANCE


### 3. Preview Area:

Click  to enter into a single channel mode

Click  to enter into Quad-split mode

Click  to select one channel you desired.

### 4. Group Attendance Statistics Area

Display the total number of people who should be on attendance, the Attendance and absence for each face group on the current day. Click <> the number of people who should be on attendance, and the number of people who should be absent for each face group on that day. Click <← →> to switch pages, and click  to select the group to be counted.

### 5. Attendance information display area

Display attendance information and time

When the attendance time is marked to white, it indicates that the attendance is normal;

When the attendance time is marked to red, it indicates that the attendance is abnormal.

Click < 1 /1 



# CHAPTER 15 - ALARM CONFIGURATION

Click <Alarm Configuration> option on the Home Page

## 15.1 ALARM CONFIG. INTERFACE

Enter into the <Alarm Config> interface shown as Figure 15-1-1

1. Device Tree

2. Alarm Type

Alarm type includes Motion, I/O, Video Loss, PIR, Intelligent, Offline

3. When alarm occurs, system will make below four actions.

One alarm is triggered, Capturing a picture

Once alarm is triggered, Start recording

Once alarm is triggered, popup a dialog box to send a push message

Once alarm is triggered, system will sound a alarm

4. Copy and Save

Click <Copy> to copy the configuration to other channel(s)

Click <Save> to confirm the setup

5. Alarm Push, Alarm sound and Popup Switch

Click <Alarm> to enable alarm push function

Click <🗑️> to delete the received alarm Push

Click <🔊> to disable the alarm sound and <🔇> to enable the alarm sound

Click <🗨️> disable the Alarm Popup function and click <🗨️> to enable the function

6. Alarm thumbnail and Enlarge the Alarm Push window

Click <🗨️> icon to enable/disable the Auto-Hide Thumbnail

Click <🖼️> to enlarge the Alarm Push Window, and

Click <🗨️> to Expand or retract alarm Push Window

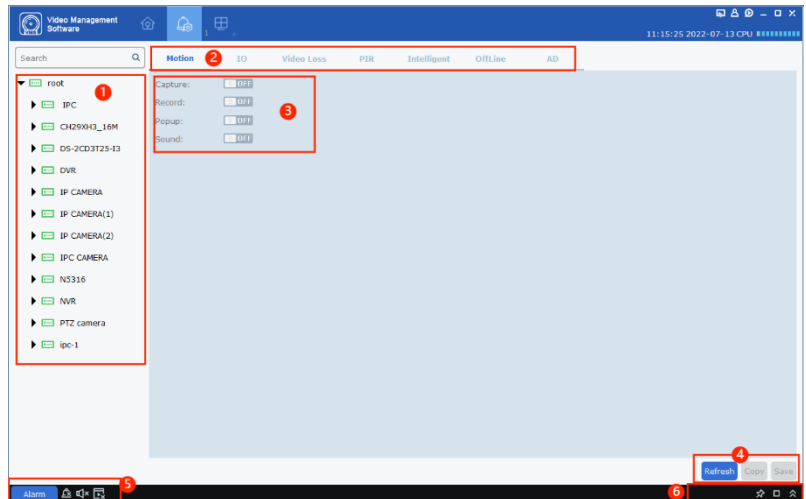


FIGURE 15-1-1 ALARM CONFIG. INTERFACE

## 15.2 HOW TO CONFIGURE ALARM PARAMETERS

**Step 1:** Select one channel from the Device Tree;

**Step 2:** Select one Alarm type

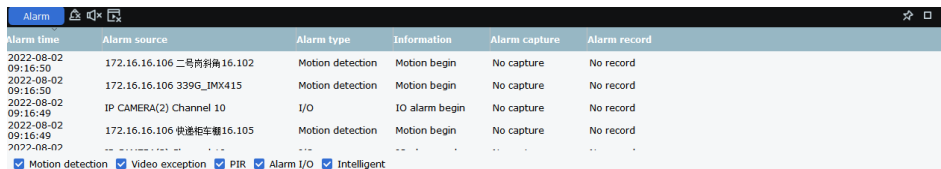
**Step 3:** Enable/disable the alarm switch according to your actual requests.

**Step 4:** Click <Save>

**Step 5:** Click <Copy> to copy the parameters to other channel(s)

## 15.3 ALARM PUSH WINDOW

Click <  > to expand the Alarm Push Window shown as Figure 15-1-1.








Alarm time	Alarm source	Alarm type	Information	Alarm capture	Alarm record
2022-08-02 09:16:50	172.16.16.106 二号内斜梯16.102	Motion detection	Motion begin	No capture	No record
2022-08-02 09:16:50	172.16.16.106 339G去光敏程序测试16.104	Motion detection	Motion begin	No capture	No record
2022-08-02 09:16:49	IP CAMERA(2) Channel 10	I/O	I/O alarm begin	No capture	No record
2022-08-02 09:16:49	172.16.16.106 快速柜车梯16.105	Motion detection	Motion begin	No capture	No record
2022-08-02	...	...	...	...	...

Motion detection  Video exception  PIR  Alarm I/O  Intelligent

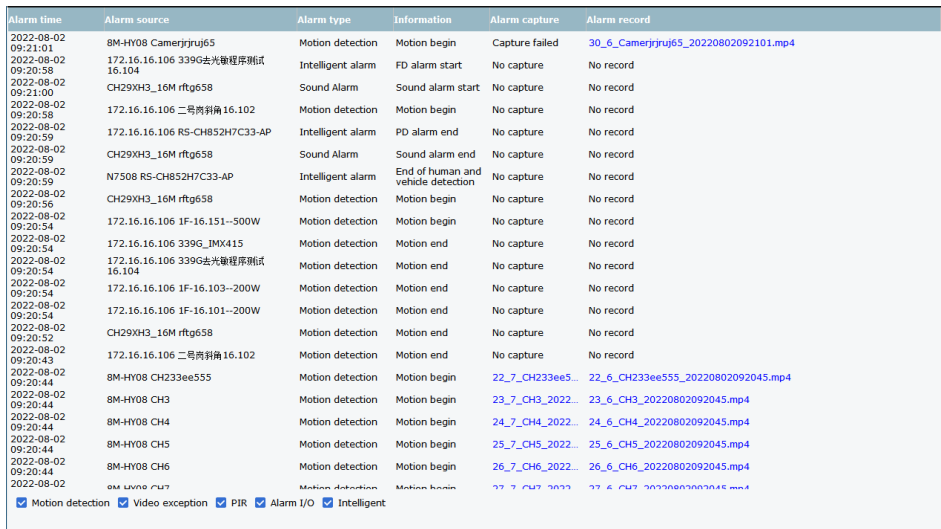
FIGURE 15-3-1 ALARM PUSH WINDOW

Herein you will check the below info:

Alarm Time, Alarm source, Alarm type, Information, Alarm Capture status and record status.

To view alarm type, check the <      > option and click the corresponding picture or screenshot to check the details.

Click <  > to enlarge the Alarm Info Push Window shown as Figure 15-3-2

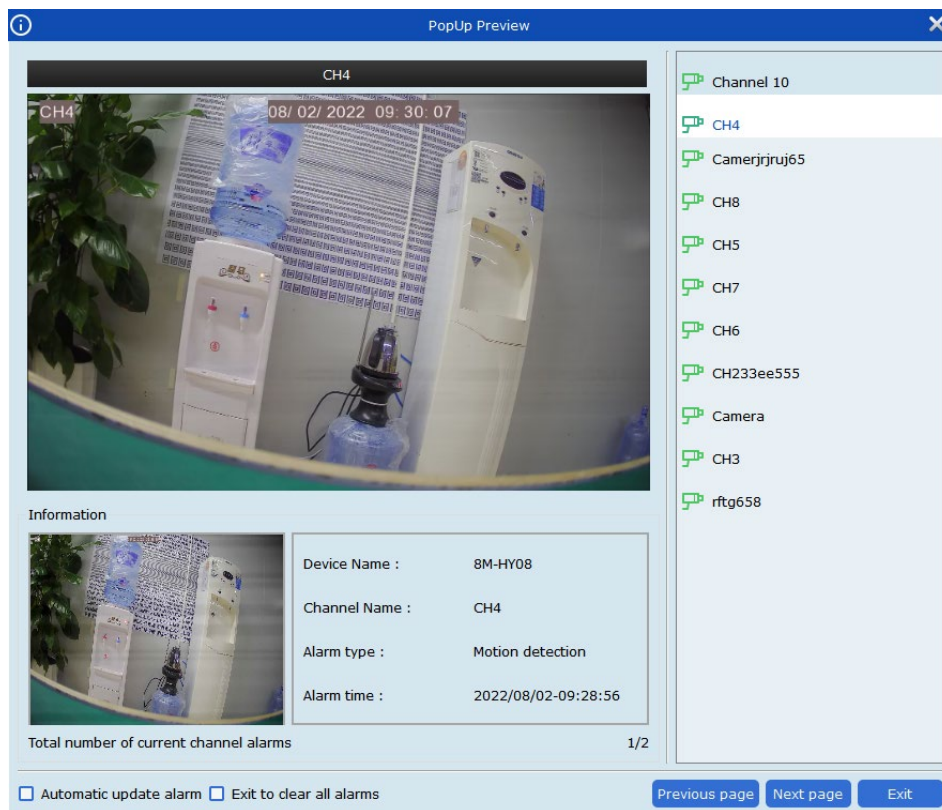


Alarm time	Alarm source	Alarm type	Information	Alarm capture	Alarm record
2022-08-02 09:21:01	8M-HY08 Camerjrju65	Motion detection	Motion begin	Capture failed	<a href="#">30_6_Camerjrju65_20220802092101.mp4</a>
2022-08-02 09:20:58	172.16.16.106 339G去光敏程序测试16.104	Intelligent alarm	FD alarm start	No capture	No record
2022-08-02 09:21:00	CH29XH3_16M rtg658	Sound Alarm	Sound alarm start	No capture	No record
2022-08-02 09:20:58	172.16.16.106 二号内斜梯16.102	Motion detection	Motion begin	No capture	No record
2022-08-02 09:20:59	172.16.16.106 RS-CH852H7C33-AP	Intelligent alarm	PD alarm end	No capture	No record
2022-08-02 09:20:59	CH29XH3_16M rtg658	Sound Alarm	Sound alarm end	No capture	No record
2022-08-02 09:20:59	N7508 RS-CH852H7C33-AP	Intelligent alarm	End of human and vehicle detection	No capture	No record
2022-08-02 09:20:56	CH29XH3_16M rtg658	Motion detection	Motion begin	No capture	No record
2022-08-02 09:20:54	172.16.16.106 1F-16.151--500W	Motion detection	Motion begin	No capture	No record
2022-08-02 09:20:54	172.16.16.106 339G去光敏程序测试16.104	Motion detection	Motion end	No capture	No record
2022-08-02 09:20:54	172.16.16.106 339G去光敏程序测试16.104	Motion detection	Motion end	No capture	No record
2022-08-02 09:20:54	172.16.16.106 1F-16.103--200W	Motion detection	Motion end	No capture	No record
2022-08-02 09:20:54	172.16.16.106 1F-16.101--200W	Motion detection	Motion end	No capture	No record
2022-08-02 09:20:52	CH29XH3_16M rtg658	Motion detection	Motion end	No capture	No record
2022-08-02 09:20:43	172.16.16.106 二号内斜梯16.102	Motion detection	Motion end	No capture	No record
2022-08-02 09:20:44	8M-HY08 CH233ee555	Motion detection	Motion begin	<a href="#">22_7_CH233ee5...</a>	<a href="#">22_6_CH233ee555_20220802092045.mp4</a>
2022-08-02 09:20:44	8M-HY08 CH3	Motion detection	Motion begin	<a href="#">23_7_CH3_2022...</a>	<a href="#">23_6_CH3_20220802092045.mp4</a>
2022-08-02 09:20:44	8M-HY08 CH4	Motion detection	Motion begin	<a href="#">24_7_CH4_2022...</a>	<a href="#">24_6_CH4_20220802092045.mp4</a>
2022-08-02 09:20:44	8M-HY08 CH5	Motion detection	Motion begin	<a href="#">25_7_CH5_2022...</a>	<a href="#">25_6_CH5_20220802092045.mp4</a>
2022-08-02 09:20:44	8M-HY08 CH6	Motion detection	Motion begin	<a href="#">26_7_CH6_2022...</a>	<a href="#">26_6_CH6_20220802092045.mp4</a>
2022-08-02 09:20:44	8M-HY08 CH7	Motion detection	Motion begin	<a href="#">27_7_CH7_2022...</a>	<a href="#">27_6_CH7_20220802092045.mp4</a>

Motion detection  Video exception  PIR  Alarm I/O  Intelligent

FIGURE 15-3-2 ALARM INFO PUSH WINDOW

After enabling the alarm Popup function, system will pop up a real-time Preview window when the alarm is triggered



**FIGURE 15-3-3 ALARM POPUP WINDOW**

Check <Automatic Update Alarm>, eno INsight will automatically preview the alarm channel when a new alarm is triggered.

Check <Exit to clear all alarm>, System will clear all the alarm information after exiting

# CHAPTER 16 - ACCOUNT MANAGEMENT

Allow you add and delete user, as well modify the user permissions.

## 16.1 ADD A NEW USER

**Step 1:** Under the <Home Page> mode, click <Account Management> option to enter into the interface shown as Figure 16-1.

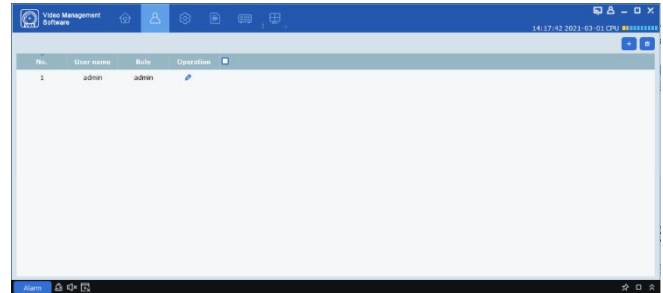


FIGURE 16-1 ACCOUNT MANAGEMENT

**Step 2:** Click the <+> icon on the upper-right corner to popup the below window:

**Step 3:** Check the corresponding channel

**Step 4:** Click <Ok> to save , and click <Default> to recover to factory default value.

**Note:** Admin has all permissions and cannot be modified or deleted. Users added can modify user permissions or delete users

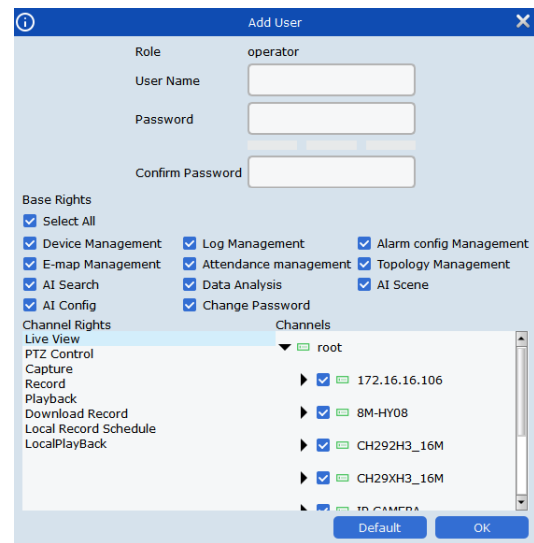



FIGURE 16-1 ADD USER

Parameters	Description
User Name	The name uniquely identify the user. Cannot be the same as an existing username
Password	Password must be consistent with Confirm Password
Confirm Password	
Base Rights	<p>You can set below basic rights according to the actual requests</p> <p>Device Management:</p> <p>Log Management :</p> <p>Alarm Config Management :</p> <p>E-map Management :</p> <p>Attendance Management :</p> <p>Topology Management :</p> <p>AI search:</p> <p>Data analysis:</p> <p>AI Scene :</p> <p>AI config :</p> <p>Change Password</p>

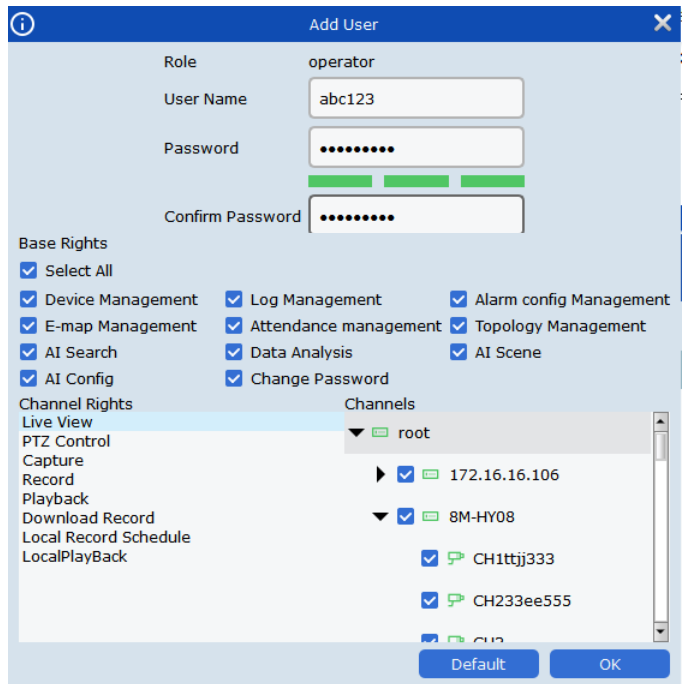
TABLE 16-1-1 ADD USER PARAMETERS

## 16.2 MODIFY USER

**Step 1:** Click  after the user to be modified, and system will popup the interface shown as Figure 16-2;

**Step 2:** Modify the user name, Password and user right according to the requests.


**Step 3:** Click <OK> to save the modification and exit.




The screenshot shows the 'Add User' dialog box. The 'Role' is set to 'operator'. The 'User Name' is 'abc123'. The 'Password' and 'Confirm Password' fields are masked with dots. The 'Base Rights' section includes checkboxes for 'Select All', 'Device Management', 'E-map Management', 'AI Search', 'AI Config', 'Log Management', 'Attendance management', 'Data Analysis', 'Change Password', 'Alarm config Management', 'Topology Management', and 'AI Scene'. The 'Channel Rights' section is expanded, showing a list of channels with checkboxes for 'Live View', 'PTZ Control', 'Capture', 'Record', 'Playback', 'Download Record', 'Local Record Schedule', and 'LocalPlayBack'. The 'Channels' list includes 'root', '172.16.16.106', '8M-HY08', 'CH1ttjj333', 'CH233ee555', and 'CUP'. The 'Default' and 'OK' buttons are at the bottom right.

FIGURE16-2 MODIFY USER

## 16.3 DELETE USER

Click  after the user to be deleted, and system will popup the <Delete User> dialog box. Click <OK> to confirm

You can check multiple users and click  icon on the upper-right corner to delete (Admin can't be deleted.)

# CHAPTER 17 - LOCAL RECORD

Click <Local Record> option on the Home Page, now you can start local record.

**Step 1:** Enter into <Local Record> option and select one record save path shown as Figure 17-1-1



FIGURE 17-1-1 RECORD SAVE PATH

**Step 2:** Click <Save> to enter into the interface shown as Figure 17-1-2



FIGURE 17-1-2 LOCAL RECORD SCHEDULE

**Step 3:** Double-click in the <Reserved Size> (GB) to configure the Reserved size, and select Overwrite time and click <Save>

**Step 4:** Click <Record Schedule>;

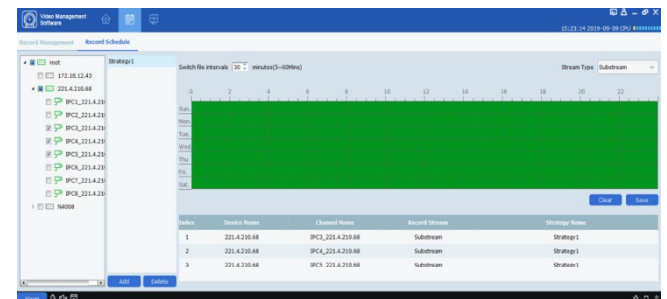


FIGURE 17-1-3 RECORD SCHEDULE

**Step 5:** Check the device you want to record in the Device tree;

**Step 6:** Configure record time on the grid area, then click <Save>;

**Step 7:** After finishing Record Schedule setup, switch to Record Management interface.



FIGURE 17-1-4 START RECORD

**Step 8:** Check the channel(s) you want to record, and click <Start Record> button. Now Disk Status will display "Writing", and Record Status will display "Recording"

**Step 9:** Click <Stop Record>, now Writing disappear in the Disk status, and Record status will display "Recording Stop"



FIGURE 17-1-5 STOP RECORD

**Step 10:** Click <Local Playback> option on the Home Page. Check the channel you recorded to search the local record shown as Figure 17-1-4

For the Local Playback operation, please refer to the Chapter 8 – Local Playback.

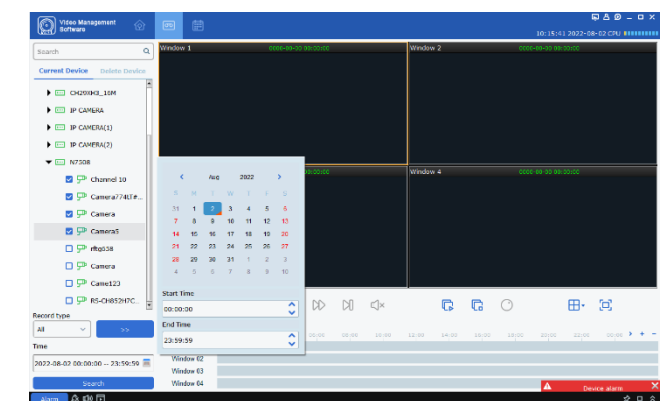


FIGURE 17-1-6 LOCAL PLAYBACK

# CHAPTER 18 - FILE MANAGEMENT

Click to enter into the <File Management> on the Home page, you can manage and view pictures, videos and other.

## 18.1 LOCAL PICTURES PLAYBACK AND DOWNLOAD

**Step 1:** Enter into the <File Management> interface shown as Figure 18-1-1, Select <Picture> module.

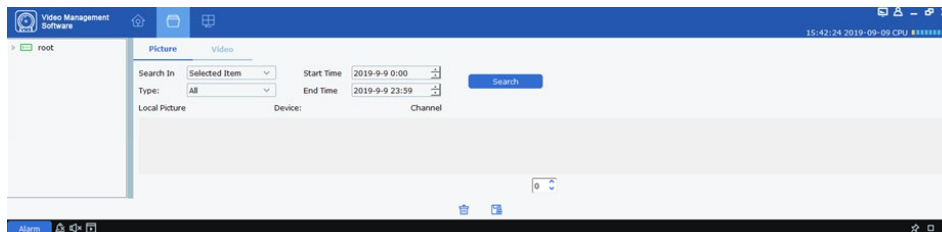


FIGURE 18-1-1 FILE MANAGEMENT

**Step 2:** Select the device you want to view from the Device Tree, Set search date and Click <Search>

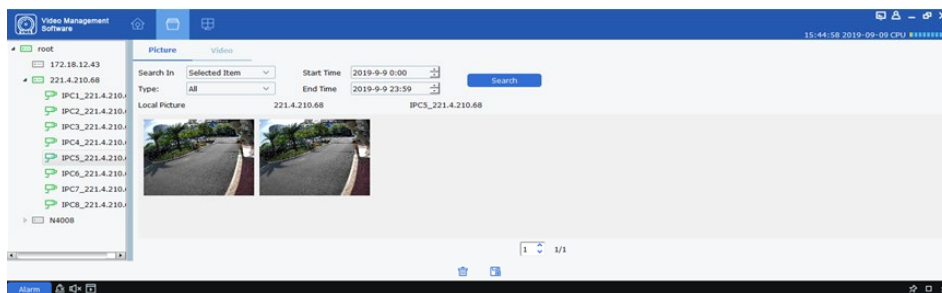


FIGURE 18-1-2 LOCAL PICTURES SEARCH

**Step 3:** Double-click the picture you desired.

**Note:** Right-click the mouse on the Picture and select the <Show in Explorer>, system will pop-up the folder where the picture is stored; right-click to select <Delete file>, picture will be deleted (same function as clicking <🗑️> icon on the bottom). Right-click to select <Copy file>, the file will be saved as the desired path (same function as click <📄> icon on the bottom).

## 18.2 LOCAL RECORDING PLAYBACK AND DOWNLOAD

**Step 1:** Enter into the <File Management> interface shown as Figure 18-1-2, Select <Video> module.

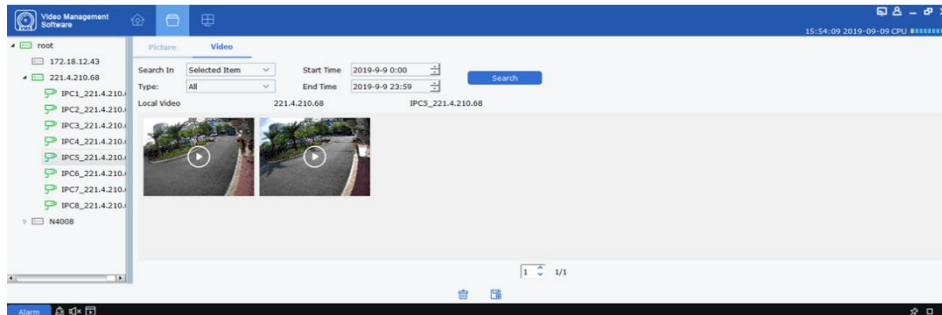


FIGURE 18-2-1 LOCAL RECORD

**Step 2:** Select the device you want to view from the Device Tree, Set search date and Click <Search>

**Step 3:** Double-click one video you desired to start the playback shown as Figure 18-2-2.



FIGURE 18-2-2 PLAY RECORDING

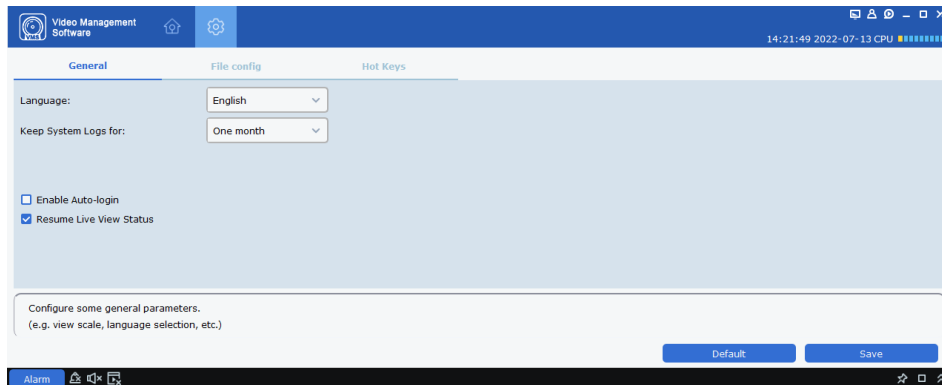
**Note:** Right-click the mouse on the Picture and select the <Show in Explorer>, system will pop-up the folder where the video is stored; right-click to select <Delete file>, the video will be deleted (same function as clicking <🗑️> icon on the bottom). Right-click to select <Copy file>, the file will be saved as the desired path (same function as click <📁> icon on the bottom).



# CHAPTER 19 - SYSTEM CONFIGURATION

The function allow you configure the system parameters, which can be divided into general settings and file configuration.

**Step 1:** Click the <System Config> option on the Home Page to enter into the System Configuration interface shown as Figure 19-1



**FIGURE 19-1 SYSTEM CONFIGURATION**

**Step 2:** Configure the system parameters according your actual requests. Details please refer to the parameters description as Table 19-1

Parameters		Description
General	Language	Default to English
	Keep System Logs for	System Log Retention Time : One Week Half of month A month
	Enable Auto-Login	Allow you enable/disable auto-Login function.
	Resume Live View Status	Return back to the Live View window
File Config	File type	Allow you keep the file to below types :  rf AVI  mp4
	Max File Size	Configure the Max file size:  1G 2G
	Alarm when disk space is less than ___MB	The system will alarm when disk space falls below this value. To check and set this value
	Path of Saved Pictures	Configure the save path of local pictures.
	Path of Saved Videos	Configure the save path of local videos
	Alarm Sound	Set the corresponding alarm sound when various alarms are triggered

**TABLE 19-1 PARAMETERS CONFIGURATION**

## 19.1 HOT KEY

A module can be quickly opened by a Hot Key. Herein, double-click the hot key behind to enter the editing mode, then click the key you want to change on the keyboard.

For example, if you want to change the hot key F2 to F10, first double-click the F2 to enter into the Editing mode, then click the F10 on the Keyboard, Now F2 changed to F10 and other shortcut keys can be changed.



The diagram illustrates the process of changing a hot key. It shows two tables. The first table has two columns: 'Function' and 'Hot Key'. The row for 'Real play in full screen' has 'F2' in the 'Hot Key' column. An arrow points to the second table, which has the same structure. The row for 'Real play in full screen' now has 'F10' in the 'Hot Key' column.

Function	Hot Key
Real play in full screen	F2

Function	Hot Key
Real play in full screen	F10

You can configure the Hot key for the below modules

Function	Hot Key
Real play in full screen	F2
Mainview	F3
Remote playback	F4
System config	F5
Alarm event	F6
Cruise Setting	F7
Device Management	F8
Lock screen	F9
Switch user	F10
Open/Close alarm sound	F11
Local Record	CTRL+R

**Step 2:** Click <Save> to finish the system configuration.

# CHAPTER 20 - E-MAP CONFIGURATION

Through the e-map, you can intuitively understand the location of the alarm channel, and view the video or alarm situation of the channel in the real time.

## 20.1 ADD E-MAP

**Step 1:** Click the <E-map Config.> option on the Home Page to enter into the interface shown as Figure 20-1-1

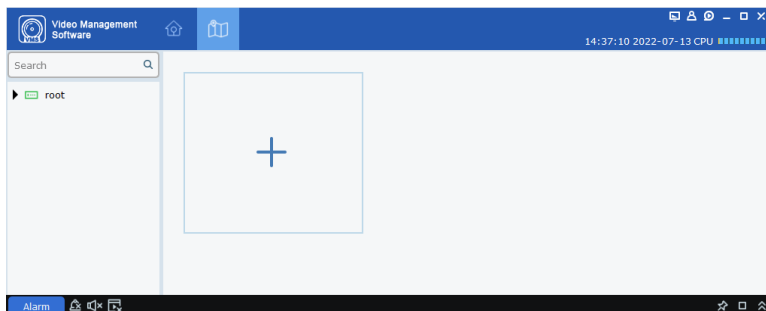


FIGURE 20-1-1 E-MAP CONFIG

**Step 2:** Click <+> icon to popup one dialog box shown as Figure 20-1-2

**Step 3:** Configure Map Name and Path

**Step 4:** Click <Yes> to exit

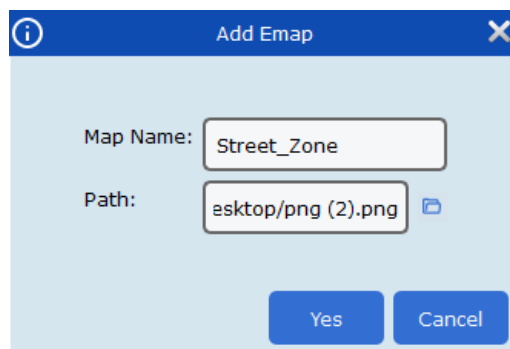


FIGURE 200-1-2 SELECT ONE NEW MAP

## 20.2 EDIT MAP

Double-click the map to be edited, and the system enters the editing interface shown as Figure 20-2-1



**Step 1:** Double-click the Device Tree in the left and drag the device to a specified place

**Step 2:** Click  to add a hot spot

**Note:** To add hotspots, you need to recreate a map shown as Figure 20-2-2.

**Step 3:** Add the Hot Spot to the MAP and drag the device to a specific place in the map. Now you will get one map shown as Figure 20-2-3.

**Note:**

1. Click <Preview> in the lower-right corner to receive real-time alarms from the device. Double-click a device in the map to view the device's video in real time.
2. Double-click the  icon to enter the hot spot map, click <Preview> in the hot spot to receive real-time alarms from the device, and double-click the device to view the device's images in real time. Click  to hear the alarms issued by the device on the map.

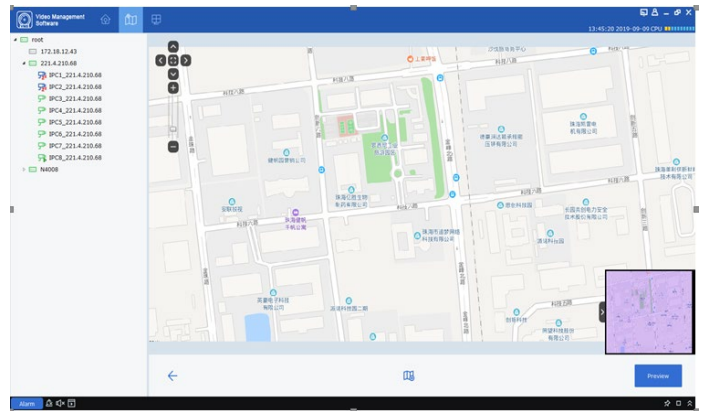


FIGURE 20-2-1 EDIT MAP

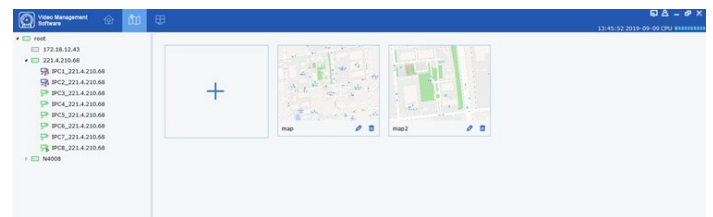


FIGURE 20-2-2 HOT SPOT MAP

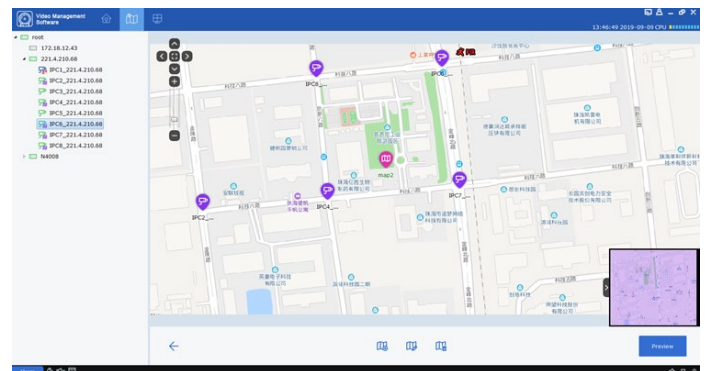



FIGURE 20-2-3 MAP PREVIEW

Click  icon to enter into the interface shown as Figure 20-2-1

**Parameters Description:**


**Hot spot name:** Indicates monitoring device name

**Linked camera:** Indicates the camera name in the monitoring point

**Hot spot color:** allow you select hot spot Color

**Icon:** Select one icon for the hot spot

**Hot spot background color:** Set background color for the hot spot

Select one device and click , system will popup the <Delete hot spot> dialog box.

Now click <Ok> to delete

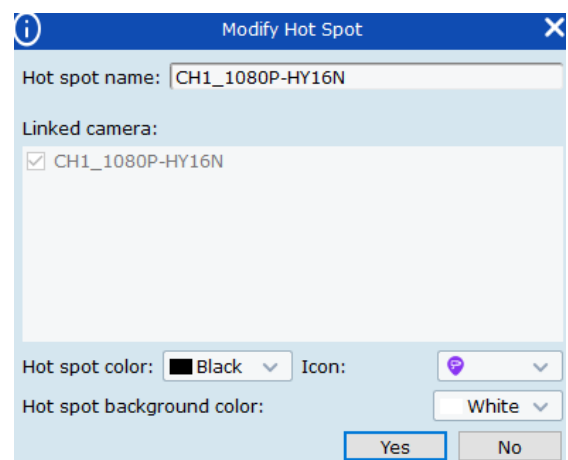


FIGURE 20-2-1 MODIFY HOT SPOT

# CHAPTER 21 - AI CONFIGURATION

It can be configured only when the device supports Face function and media port and it is not an IPC device

## 21.1 RECOGNITION

Enter into <AI Config>→<Recognition> option

Under the option, we can manage the following sub-menus, including <Model Configuration>, <Database Management>, <Database synchronization> and <License Plate Management>.

- Model configuration

Model Configuration is used to manage the face picture library, choose a different Face recognition algorithm shown as Figure 21-1-1.

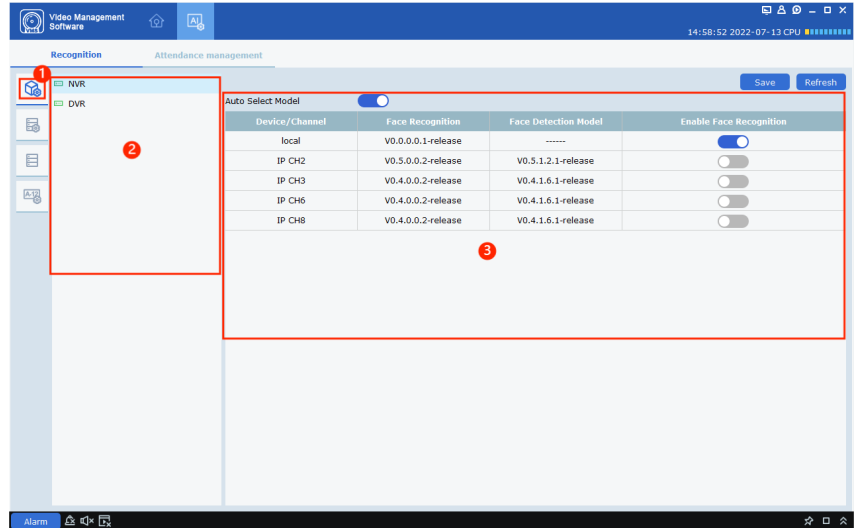


FIGURE 21-1 -1 MODEL CONFIGURATION INTERFACE

No	Name	Description
1	Model Configuration Icon	Click the icon to enter into the <Model Configuration> interface.
2	Device Tree	Display the current devices
3	Model Management	<p>Select one Device to catch its module info</p> <ul style="list-style-type: none"> <li>&lt;Local&gt; indicates the module of back-end devices</li> <li>&lt;CH1, CH2...&gt; indicates the module of IPCs.</li> </ul> <p>You can choose one of these modules. Or you choose &lt;Auto Select Model&gt; to automatically configure the module through the system.</p> <p>Click &lt;Save&gt; to save your configuration, Click &lt;Refresh&gt; to update your configuration.</p> <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>&lt;Face Recognition&gt; indicates Face recognition module version</li> <li>&lt;Face Detection&gt; indicates Face Detection Module version</li> </ul>

TABLE 21-1

- Database Management

The option allow you add/delete Face Group, or edit/modify Face Group information shown as Figure 21-1-2.

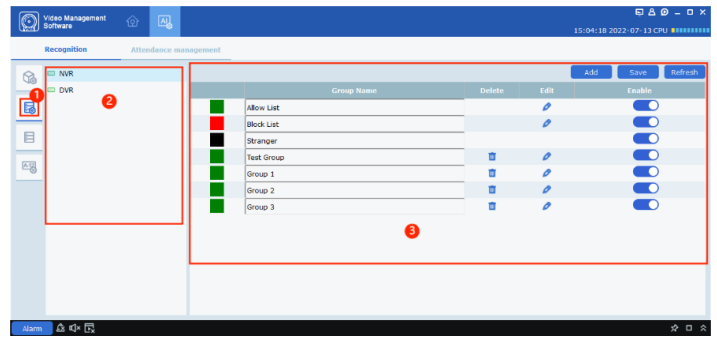


FIGURE 21-1-2 DATABASE MANAGEMENT INTERFACE

No	Name	Description
1	Database Management Icon	Click the icon to enter into the Database Management interface.
2	Device Tree	Display the current devices
3	Database Management Area	<p>Allow you add up to 16 groups, and &lt;Allow list&gt;, &lt;Block list&gt; and &lt;Stranger&gt; are fixed and can't be deleted.</p> <p><b>Group Name</b> - allow you edit/modify the &lt;Group Name&gt;</p> <p><b>Delete</b> - allow you delete the group(s).</p> <p><b>Edit</b> – allow you modify/change the pictures in one group</p> <p><b>Enable</b> – Enable/disable the Group</p> <p><b>Add</b> – Click to add one group</p> <p><b>Save</b> – Click to save the change/modification</p> <p><b>Refresh</b> – Click to refresh the data.</p>

TABLE 21-2

Click the <🔗> icon to edit the face info for the group shown as Figure 21-1-3.

**Add a face:**

Click the <+> icon in the left to add one face picture. Fill in name, sex, age, coutry, Nationality, Native Place, ID Code, Occupation, Phone Number, Email, Residence, and Remark on the right side.

You can select local pictures, or pictures captured by the device.

Select the device to be added and click <save>

After a successful add, <Adding complete> will be displayed in the Result area of the device list selected

**Note:** <Name>, <Sex>, <Age> and <Picture> is a must have.

**Modify a face:**

Click a picture on the left and <Edit Face> and the detailed information of the picture appears on the right, which can be modified. Click <add To Group> option to add the picture to other groups to add the picture to other groups. At the same time, you can add additional faces. The additional faces can also be obtained from local or device snapshots

**Move a face:**

Select one picture and right-click to popup a menu, select <move to> to move the face to other groups.

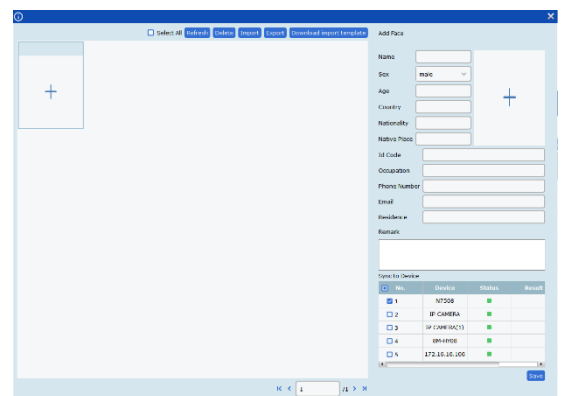


FIGURE 21-1-3 EDIT A FACE PICTURE

## Delete a face:

Select one picture and right-click to popup a menu, select <delete>. Also you can select a batch of pictures to delete.

Check <  Select All > to select all the pictures and click < Refresh > to refresh the interface.

- Database synchronization

Click <  > to allow you import and export <Face> or <License Plate> database.

1. Database selection: allow you enter into the <> or <> database.
2. Export / Import: allow you export/import the database to local
3. Device list: Displays devices that support database operations in this area.

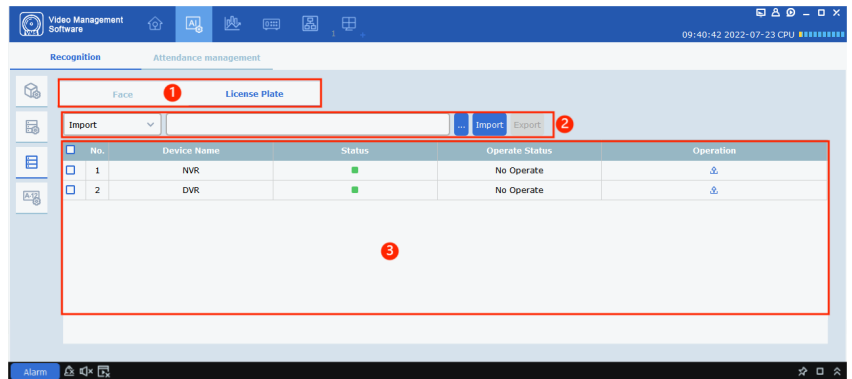




FIGURE 21-1-4 DATABASE SYNCHRONIZATION

Click <  > to popup the window shown as Figure 21-1-5.

Select Path and click <  > to export/import

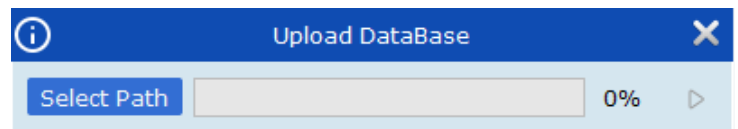



FIGURE 21-1-5 UPLOAD DATABASE SYNCHRONIZATION

- License Plate Management

Click <  > to enter into the License Plate Management.. In this option, you can add, delete License plate Group or edit the Group information.

1. Device Tree : Allow you select one device you desired.
2. License Plate Management Area

A single device can add up to 64 license plate groups. The groups -<Allow list>, <block list> and <Unknown> are fixed and cannot be deleted.

**Group Name:** you can input a Group Name

**Delete:** you can delete a customized Group

**Edit:** allows you edit a license plate info

**Enable:** enable/disable this option

Click <Add> to add a license plate group

Click <Save> to save the setup

Click <Refresh> to refresh the current data.

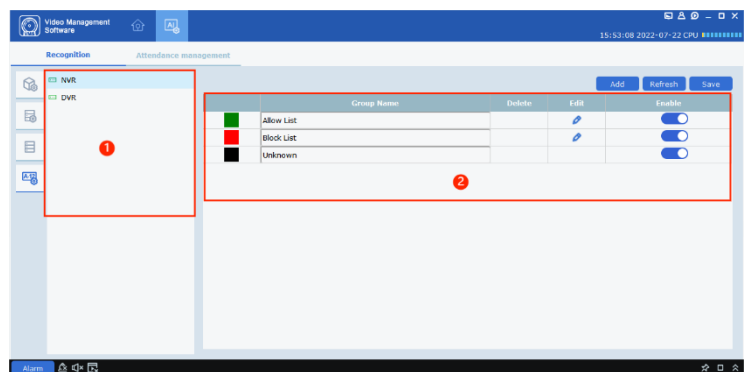


FIGURE 21-1-6 LICENSE PLATE MANAGEMENT

## 21.2 ATTENDANCE MANAGEMENT

Enter into the <AI Config> in the Home Page, and select < Attendance management > option shown as Figure 21-2-1

Parameter	Beschreibung
Alarm-Typ	<p>Grundlegende Regeln</p> <p>Einstellung der Überstunden</p> <p>Einstellungen der Feiertage</p> <p>Einstellung von Ferien/Abwesenheit</p> <p>Personalverwaltung</p>

TABLE 21-2-1 ATTENDANCE MANAGEMENT

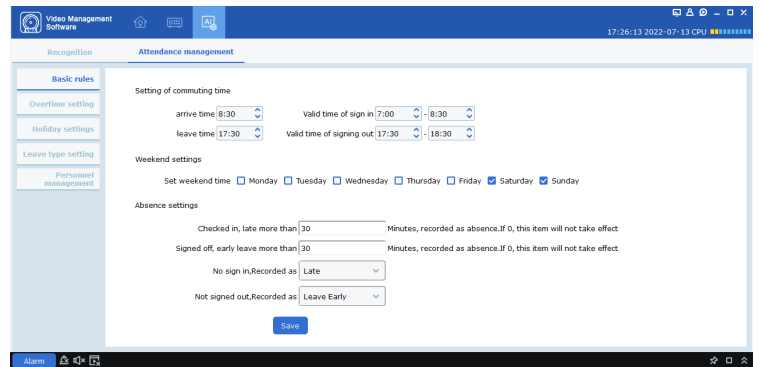


FIGURE 21-2-1 ATTENDANCE MANAGEMENT

### 21.2.1. BASIC RULES

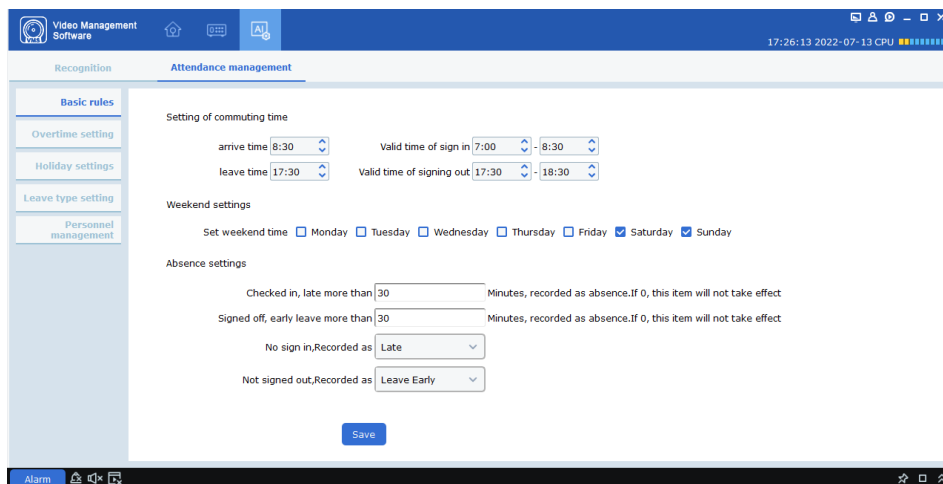


FIGURE 21-2-2 BASIC RULES

**Setting of commuting time** : Set on-duty and off-duty time

**Weekend settings** : Set weekend time

**Absence settings** : Set Absence status.

If the late arrival exceeds the working time by X minutes, it will be recorded as absence, and if it is 0, it means that this item will not take effect. If you do not sign in or sign out, you can set to be absent/leave early.



## 21.2.2. OVERTIME SETTING

**Working day overtime level** : divide into three levels. You can drag the corresponding color bar in the drawing area to set the time range set by the overtime level

**Man hour Ratio** : You can set the Man hour Ratio according to the overtime level.

**Weekend overtime rule setting** Set the Weekend overtime rule

Click < Save >

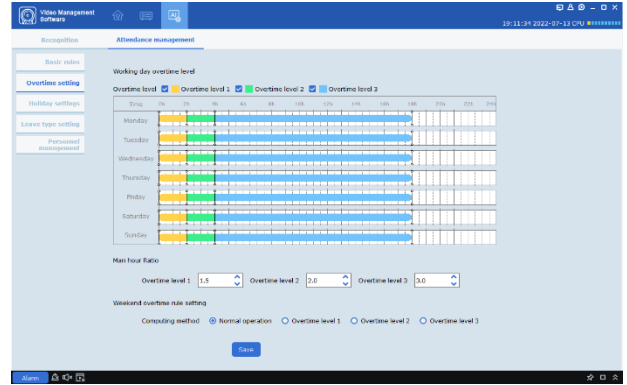


FIGURE 21-2-3 OVERTIME SETTING

## 21.2.3. HOLIDAY SETTINGS

Click < + Add > to add a holiday setting

Enter a <Holiday Name>

Set a start time and holiday days for holiday

Set calculation method for The Overtime

Click <Annual circle> to configure if the overtime level will be circled annually.

Select holiday type, Regular holiday or Irregular holiday

Click <Delete> to add the holiday setting.

The added holiday setting will be displayed in the calendar table

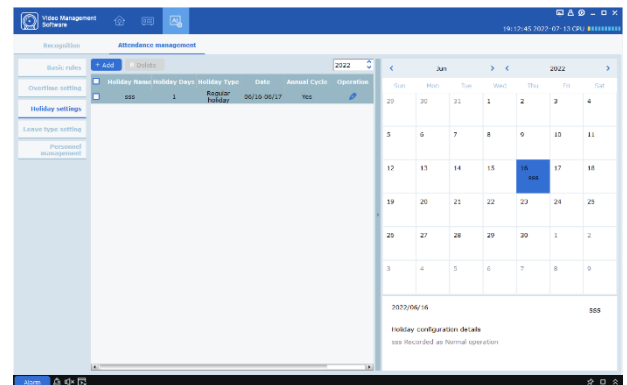


FIGURE 21-2-4 HOLIDAY SETTING

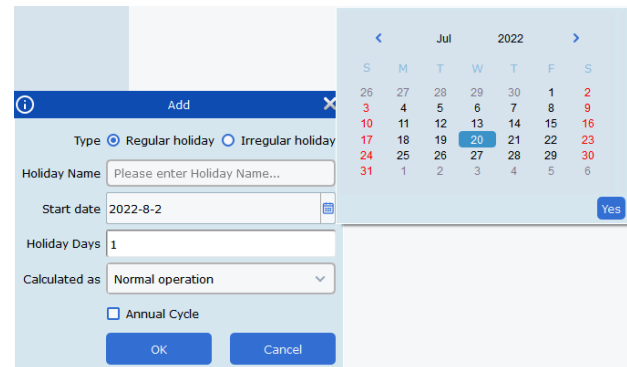


FIGURE 21-2-5 REGULAR HOLIDAY

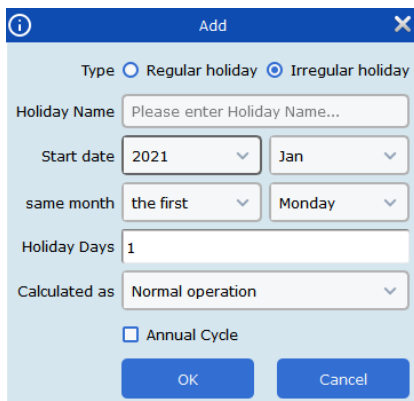


FIGURE 21-2-6 IRREGULAR HOLIDAY

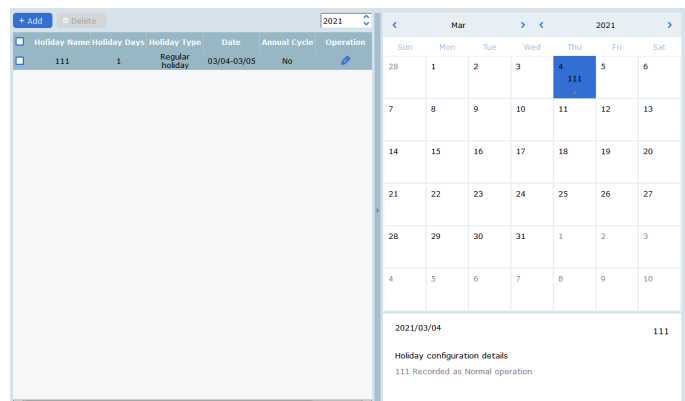


FIGURE 21-2-7 HOLIDAY SETTING

## 21.2.4. LEAVE TYPE SETTING

Allow you set holiday type, click **< + Add >** or **< Delete >** to add or delete one holiday type.

Click **< Search >** to search the main type

Click **< Edit >** icon in the current sub-type to modify the type.

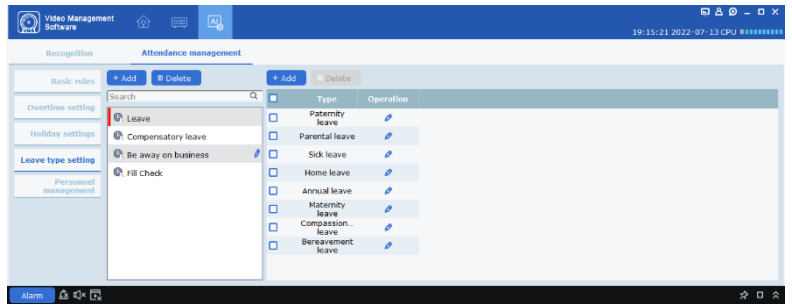


FIGURE 21-2-8 LEAVE TYPE SETTING

## 21.2.5. PERSONNEL MANAGEMENT

Click **< NVR >** dropdown box to select a device, and click **< Get personnel >** to enter into the local database, Synchronize the device's face information to eneo INsight. The information includes name, face group ID, gender, age, ID code, contact information, etc.

Click **< Export >** to export face information to local

Click **< Edit >** to modify the **< Face Information >** shown as Figure 21-2-10, and Click **< + >** to add Face Images

Click **< Delete >** to delete Face Information

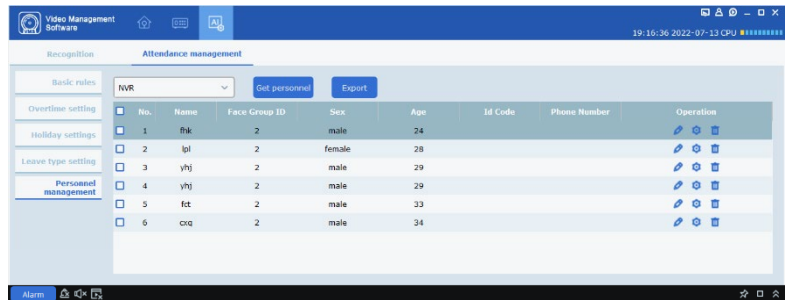


FIGURE 21-2-9 PERSONNEL MANAGEMENT

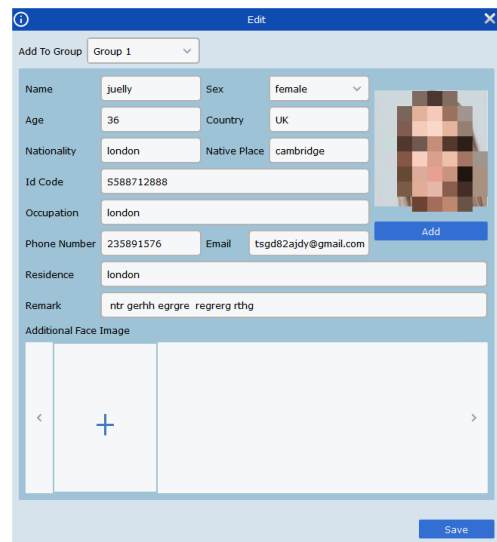


FIGURE 21-2-10 EDIT FACE INFORMATION

For those who did not sign in due to business, leave, sabbatical leave, etc., make a supplementary signature. The category in the supplementary signature is synchronized with the leave type setting, click **< Add >** to add the check-in shown as Figure 21-2-11.

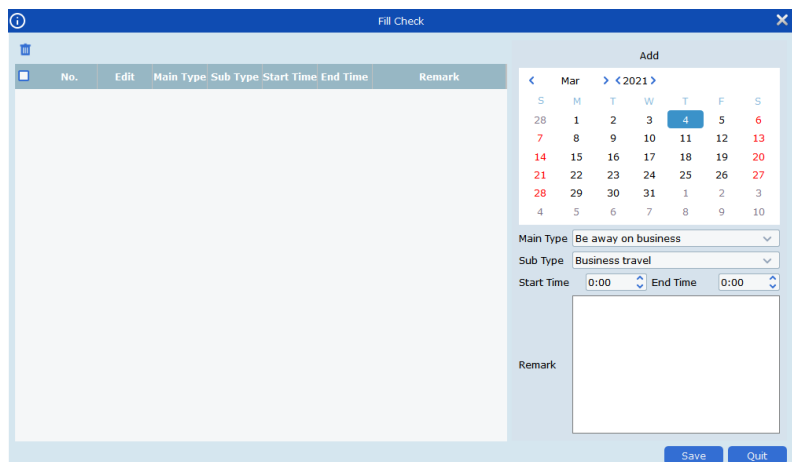


FIGURE 21-2-11 FILL IN CHECK



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