

CMS

Quick Setup Guide

Version: 1.4

Date: 03/20/2020

Introduction

Overview

This document describes quick steps for setting up basic function used with Thermographic cameras.

Reader

This document is intended for professionals with technical expertise and versed in networking principles:

- Technical Support Engineer
- System Manager
- System Operator

Symbol Conventions

The following symbols may appear in this document, and their meaning is as follows:

Symbol	Description
 DANGER	Alert you to a high risk hazard that could, if not avoided, result in death or serious injury.
 WARNING	Alert you to a medium or low risk hazard that could, if not avoided, result in moderate or minor injury.
 CAUTION	Alert you to a potentially hazardous situation which, if not avoided, result in equipment damage, data loss, performance deterioration, or non-anticipated results.
 TIP	Provide a tip that may help in solving a problem or saving time.
 NOTE	Provide additional information to emphasize or supplement important points in the main text.

Server Name

Acronym	Full Name	Note
CMU	Central Manager Unit	Central Management Server
MDU	Media Distribution Unit	Media Distribution Server
IAU	Intelligent Analysis Unit	Intelligent Analysis Server

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1.1 System Requirements

 **CAUTION** OS Does Not support Microsoft Windows 32 bit any longer. Use only 64 bit system

Name	PC Client	Central Management Server	Media Distribution Server	Intelligent Analysis Server (CPU environment)	Intelligent Analysis Server (GPU environment)
CPU	Intel® Core™ i5-7500 or better	Intel® Core™ i5-7500 or better	Intel® Core™ i5-7500 or better	Intel® Core™ i7 or better	Intel® Core™ i7 or better
RAM	8 GB or more	4 GB or more	8 GB or more	8 GB or more	8 GB or more
Network Card	Gigabit/s				
HDD	50 GB or Above	50 GB or Above	50 GB or Above	50 GB or Above	50 GB or Above
OS	Microsoft® Windows® 7 Pro (64 bit) Microsoft® Windows® 10 Pro (64 bit) Microsoft® Windows® 10 Enterprise (64 bit) Microsoft® Windows® Server 2012 Microsoft® Windows® Server 2016				
Software	DirectX 11 or above	—	—	—	—
Display Resolution	1600×960 and above ,default 1920x1080	—	—	—	—
Video Card	—	—	—	—	—
GPU	—	—	—	—	NVIDIA GTX 1050 or better

2 Installation

2.1 One-Click Installation

One-click installation is a simplified operation for the Mini type. The installation process does not require any configuration. The CMS platform is quickly installed on a single machine by default on the system drive C:\Program Files (x86)\CMS directory. After installation, the server component and client program are automatically started.

Figure 2-1 One click installation



Upon running the CMS installation .exe file the progress indicator is shown followed by a successful completion dialog. Click “Finish” to display the login screen as illustrated below.



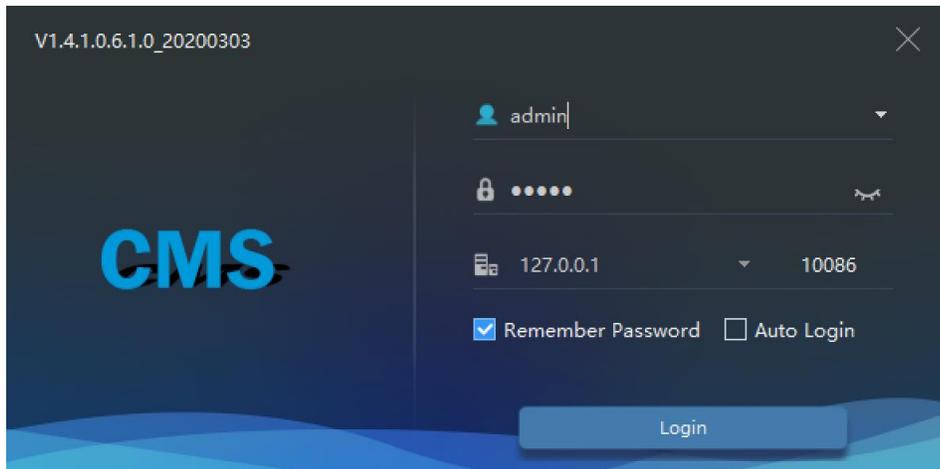
3 Login

Server installation is complete, double click on the desktop icon , input the user name, password, and CMS server IP and click "Login". The login interface is shown in figure 3-1

NOTE

The default user name and password are both admin. You should modify after first login to secure your system.

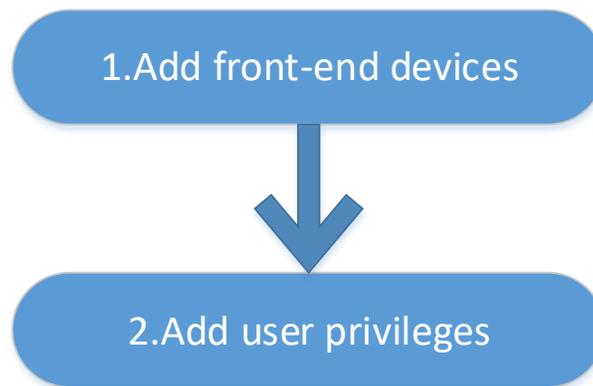
Figure 3-1 Login interface



4 Quick Start

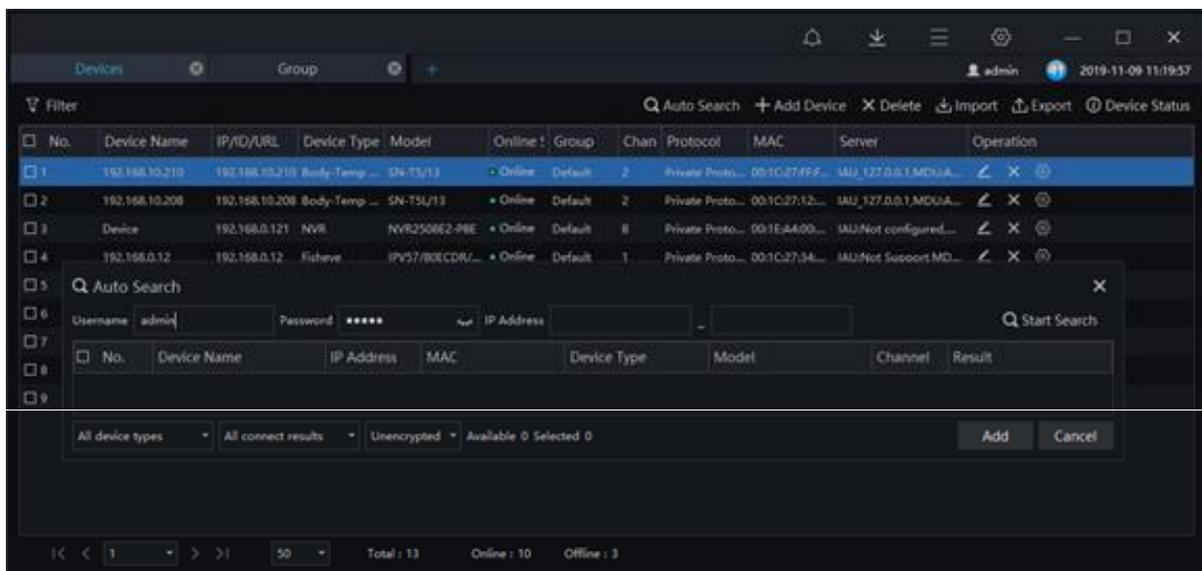
Following the successful installation of both Server and Client components, the administrator can login to the system through the Client to quickly use the software platform as follows. The platform includes basic monitoring applications and smart applications. The smart applications are suitable for face recognition and supports our cameras equipped with built in face detection function, including face capture camera and thermometric cameras.

4.1 Monitoring Application Configuration Process



4.1.1 Add Front-end Device

Enter the main interface, open "device management, for the introduction of the function menu, you need to cut out the icon, now just a name and then directly interface, it seems more monotonous", if the device and the platform are in the same network segment, you can quickly add by clicking on Auto Search and then click on add, as shown in 0:Add device



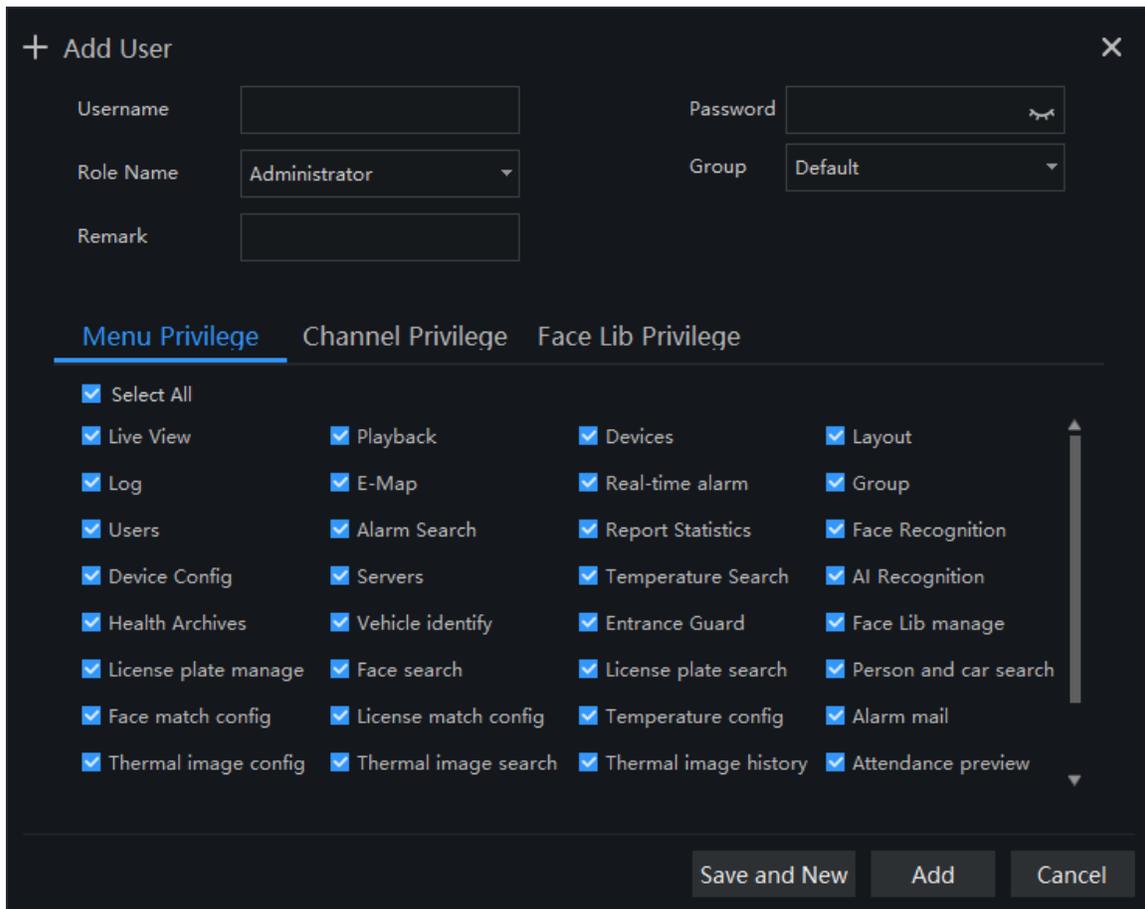
4.1.2 Add User Permissions

Initially, the system allows administrator and operator roles by default. You can create users based on the default roles directly. You can assign menu permissions and channel permissions to users. As shown in Figure 4-1:

 **NOTE**

The monitoring application does not have to assign personnel file permissions, which is used for smart (face recognition) applications.

Figure 4-1 Add user



+ Add User
×

Username

Role Name Administrator

Remark

Password

Group Default

Menu Privilege
Channel Privilege
Face Lib Privilege

<input checked="" type="checkbox"/> Select All	<input checked="" type="checkbox"/> Playback	<input checked="" type="checkbox"/> Devices	<input checked="" type="checkbox"/> Layout
<input checked="" type="checkbox"/> Live View	<input checked="" type="checkbox"/> E-Map	<input checked="" type="checkbox"/> Real-time alarm	<input checked="" type="checkbox"/> Group
<input checked="" type="checkbox"/> Log	<input checked="" type="checkbox"/> Alarm Search	<input checked="" type="checkbox"/> Report Statistics	<input checked="" type="checkbox"/> Face Recognition
<input checked="" type="checkbox"/> Users	<input checked="" type="checkbox"/> Servers	<input checked="" type="checkbox"/> Temperature Search	<input checked="" type="checkbox"/> AI Recognition
<input checked="" type="checkbox"/> Device Config	<input checked="" type="checkbox"/> Vehicle identify	<input checked="" type="checkbox"/> Entrance Guard	<input checked="" type="checkbox"/> Face Lib manage
<input checked="" type="checkbox"/> Health Archives	<input checked="" type="checkbox"/> Face search	<input checked="" type="checkbox"/> License plate search	<input checked="" type="checkbox"/> Person and car search
<input checked="" type="checkbox"/> License plate manage	<input checked="" type="checkbox"/> License match config	<input checked="" type="checkbox"/> Temperature config	<input checked="" type="checkbox"/> Alarm mail
<input checked="" type="checkbox"/> Face match config	<input checked="" type="checkbox"/> Thermal image search	<input checked="" type="checkbox"/> Thermal image history	<input checked="" type="checkbox"/> Attendance preview
<input checked="" type="checkbox"/> Thermal image config			

Save and New
Add
Cancel

4.2 Intelligent Application Configuration Process

2. Add face library

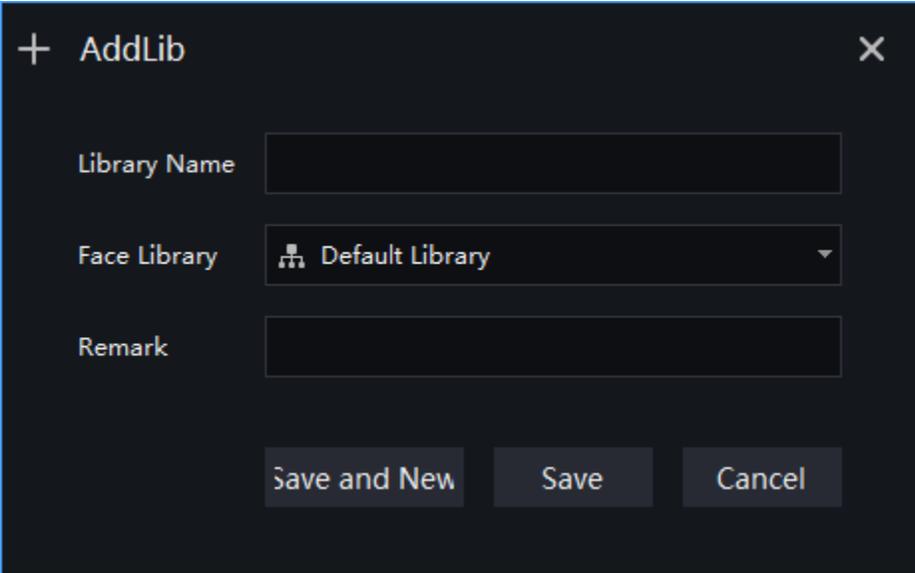
4.2.1 Add Face Database

This function is used with cameras which support face detection.

 **NOTE**

Enter the main interface, open “Archives Library” > "Face Library", you can add a face library database, as shown in Figure 4-2.

Figure 4-2 Add face library UI



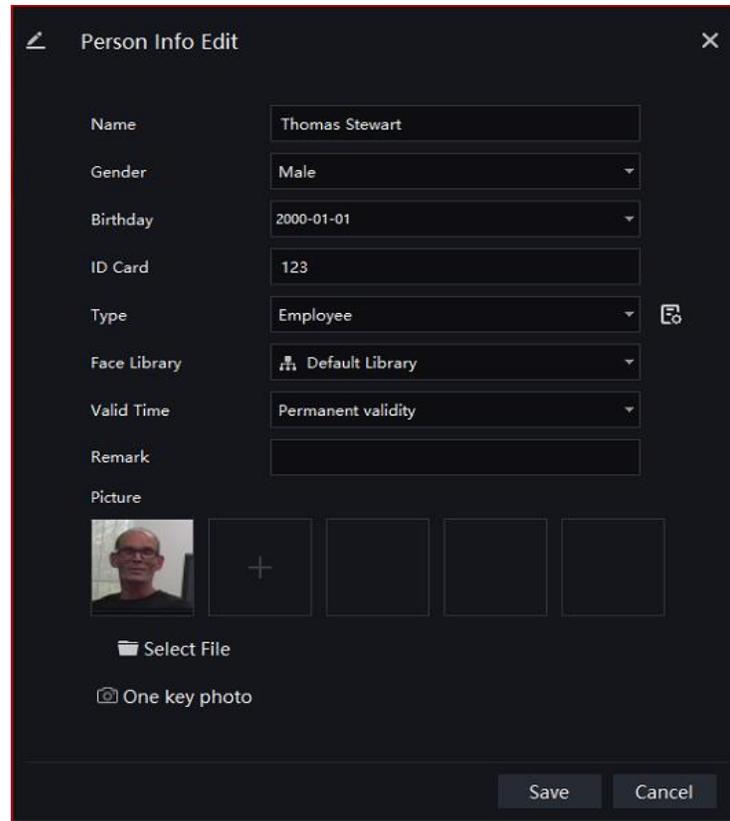
After selecting the face library, you can add personnel information regarding the individual you are enrolling in the database

You should select a portrait style photo, as shown in Figure 4-3

The following types of files are accepted: jpg, bmp, png.

File size cannot exceed 2MB.

Figure 4-3 Person enrollment



The screenshot shows a 'Person Info Edit' form with the following fields and values:

Field	Value
Name	Thomas Stewart
Gender	Male
Birthday	2000-01-01
ID Card	123
Type	Employee
Face Library	Default Library
Valid Time	Permanent validity
Remark	
Picture	One key photo (with 4 additional empty slots)

Buttons: Save, Cancel

Under ID card you must use a unique number for each employee. If they already have a number use it. If not start from 1000, and add 1 every time you add a new record (1001, 1002 etc.)

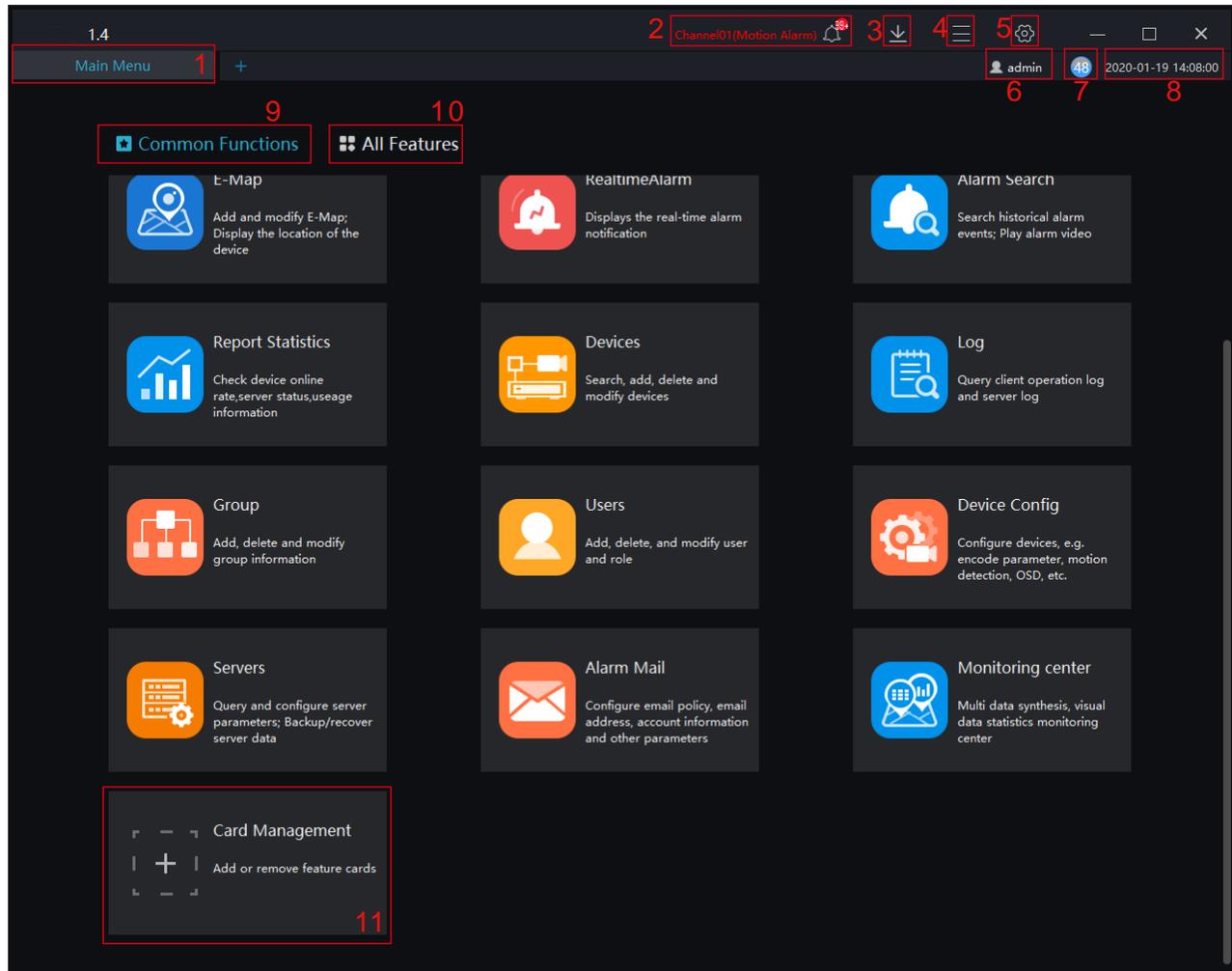
You can also select Validity period if required or any special remarks.

You can add up to 5 pictures (different angles) of the face making recognition more reliable.

5 Main Menu Page

The user enters the function page directly after logging in for the first time, as shown in the figure.

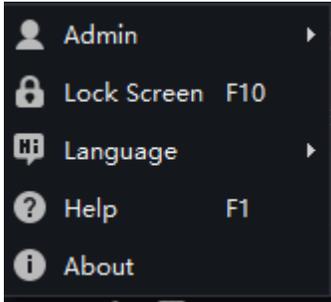
Figure 5-1 Main menu page



TIP

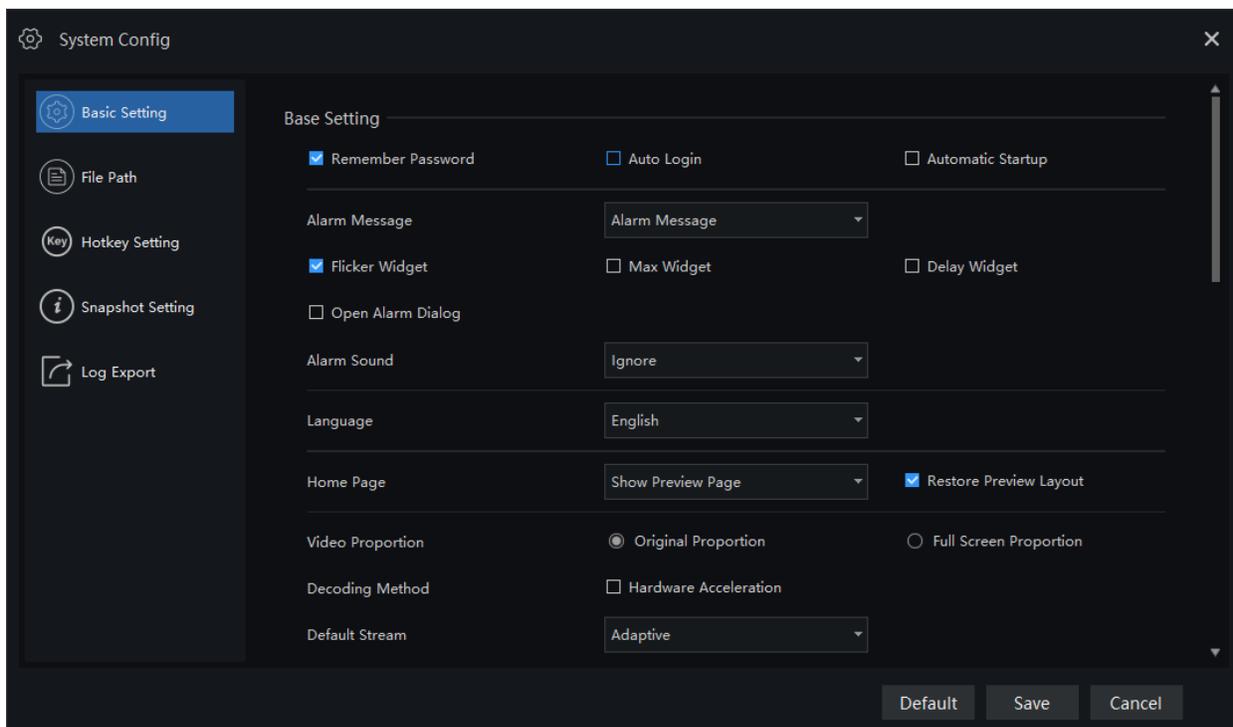
Click the function in the display area to view the corresponding function module separately. Click to drag outward, the function page can be displayed in multiple screens, which is convenient for multi-page and multi-window to view detailed information.

Table 5-1 Main Interface Introduction

No.	Function	Description
1	Main menu page	Main page, user can choose any of the available function
2	New	Click and built a new main menu page (user defined menu)
3	Alarm Message	Alarm message reminder, click for the real-time alarm interface directly; For more details please refer to Chapter Real-time alarm.
4	Backup	Backup function: Click to display the list of backup tasks and backup history.
5	System Settings	Click to enter the system configuration, you can set the basic settings, file path, hotkey setting, snapshot setting, log export as shown in Figure 5-2. Click the drop-down menu to select a specific setting. Click "Save" to save the relevant settings.
6	Operator Settings	 <p>User: Switch users and modify passwords. Lock screen: Click to lock the screen, enter the password to unlock the lock screen, and the password is the login password. Language: there are nine languages can be chosen. Help: Click to go to the help page for instructions. About: Platform version information.</p>
7	Run status	Show CPU and RAM running status and utilization.
8	Date and Time	Current Date and Time.

No.	Function	Description
9	Main Function display area	Basic function: Live View, Playback, Layout, E-map, Real-time Alarm, Alarm Search, Report Statistic, as shown in Figure 5-3. Configuration Maintenance: Devices, Log, Group, Users, Device Config, Servers, Alarm Mail, as shown in Figure 5-4. Face Recognition: Face Recognition, Face Library Manage, Face Search, Face Match Config, Classification Data Query, as shown in 0.
10	All Features	All function modules are displayed, and the function interface is quickly entered. You can drag the function module to change the placement position.
11	Card management	Add or remove feature card to common functions interface, as shown in Figure 5-7

Figure 5-2 System Setting



Click on system setting icon  to invoke the dialog illustrated above.

Here you can select basic settings including system units (Temperature C/F, distance mt/ft) file path, Hotkey and Snapshot settings, or export a system log.

Scroll down until you see the System Units and select (F or C - Ft or Mt) to match the camera settings.

The following illustrations denote the different categories and functions available in the CMS interface.

Figure 5-3 Basic Functions

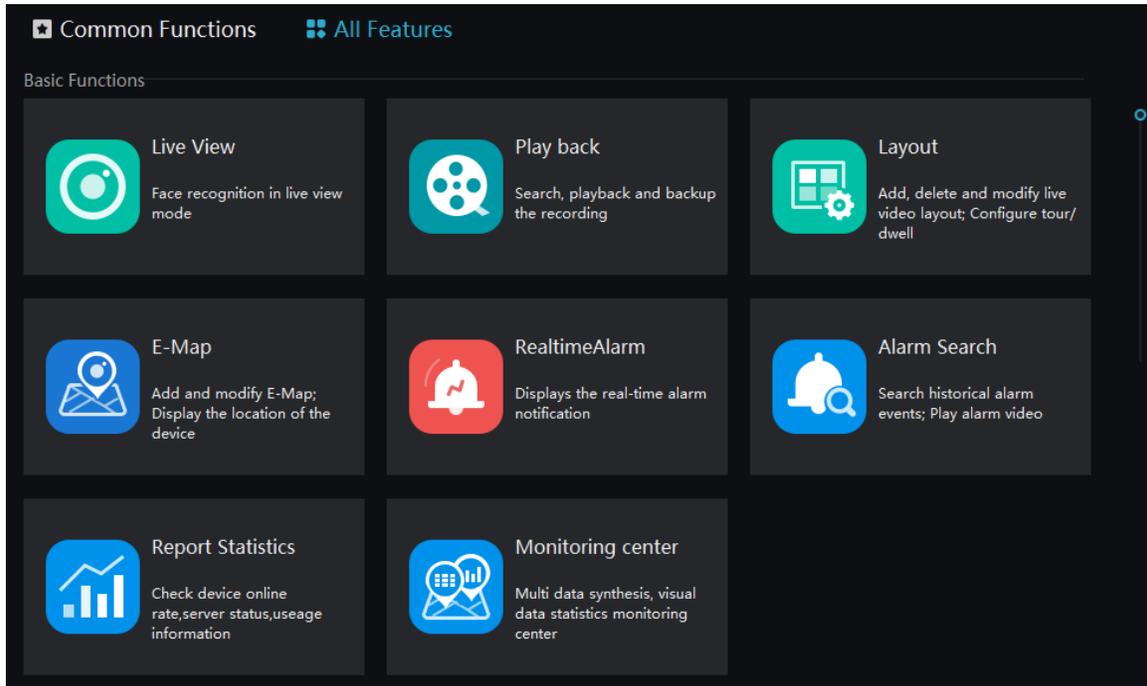


Figure 5-4 Configuration Maintenance

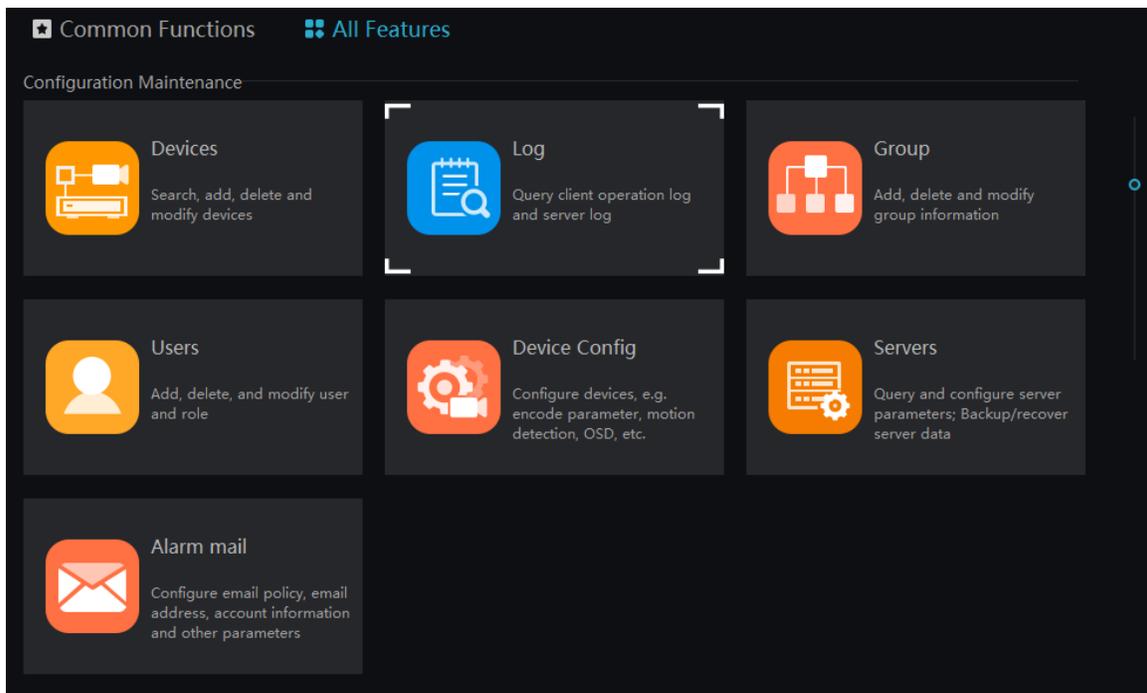


Figure 5-5

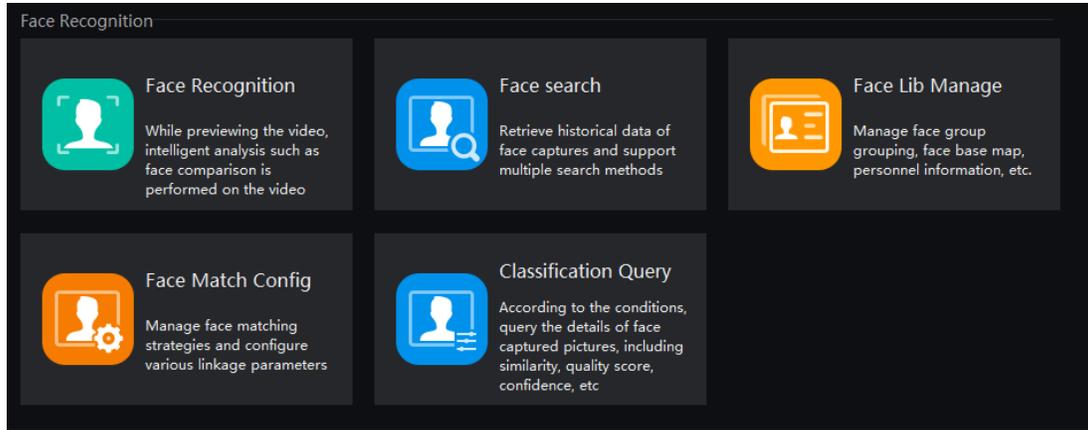


Figure 5-6 Temperature Monitor

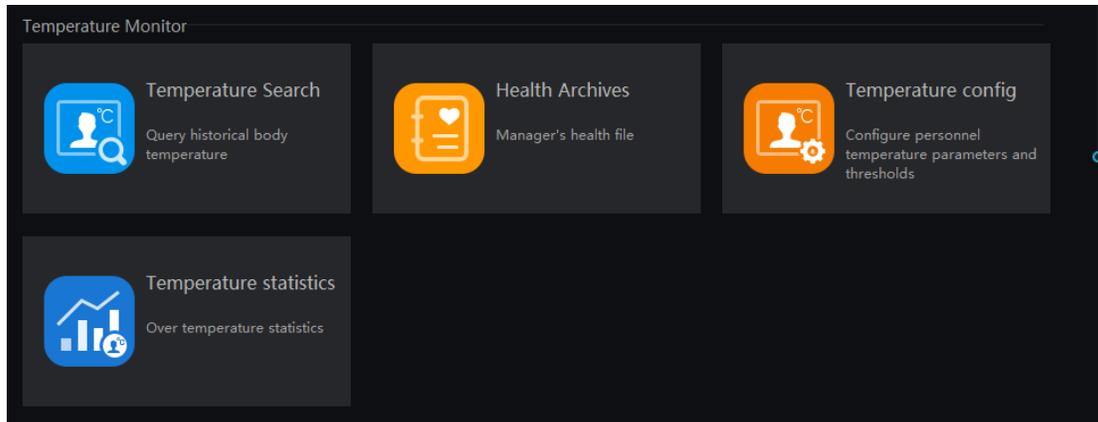
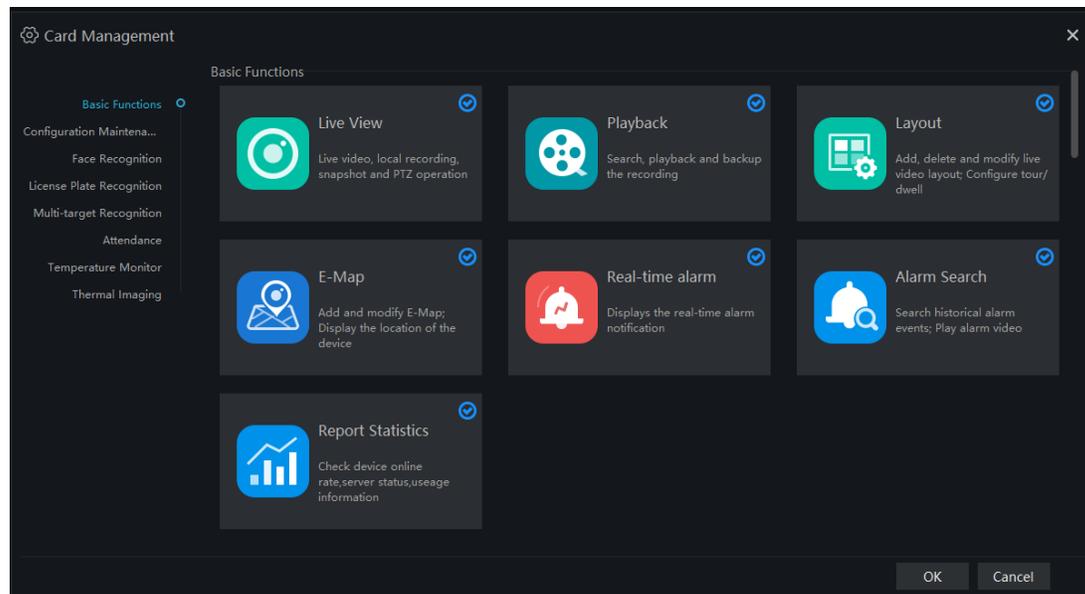


Figure 5-7 Card management



6 Devices Management

At the device management page, you can add devices (such as IPC, DVR, NVR) by searching automatically the network, or manually adding devices or batch importing. The platform supports several device types: IP Cameras, DVR, NVR, thermal imaging camera, face capture camera and thermometric camera devices. Please consult with our sales department for supported devices and model numbers.



On the Main menu page, click on Devices Icon to invoke the Device Management page, as shown in Figure 6-1

Figure 6-1 Device Management interface

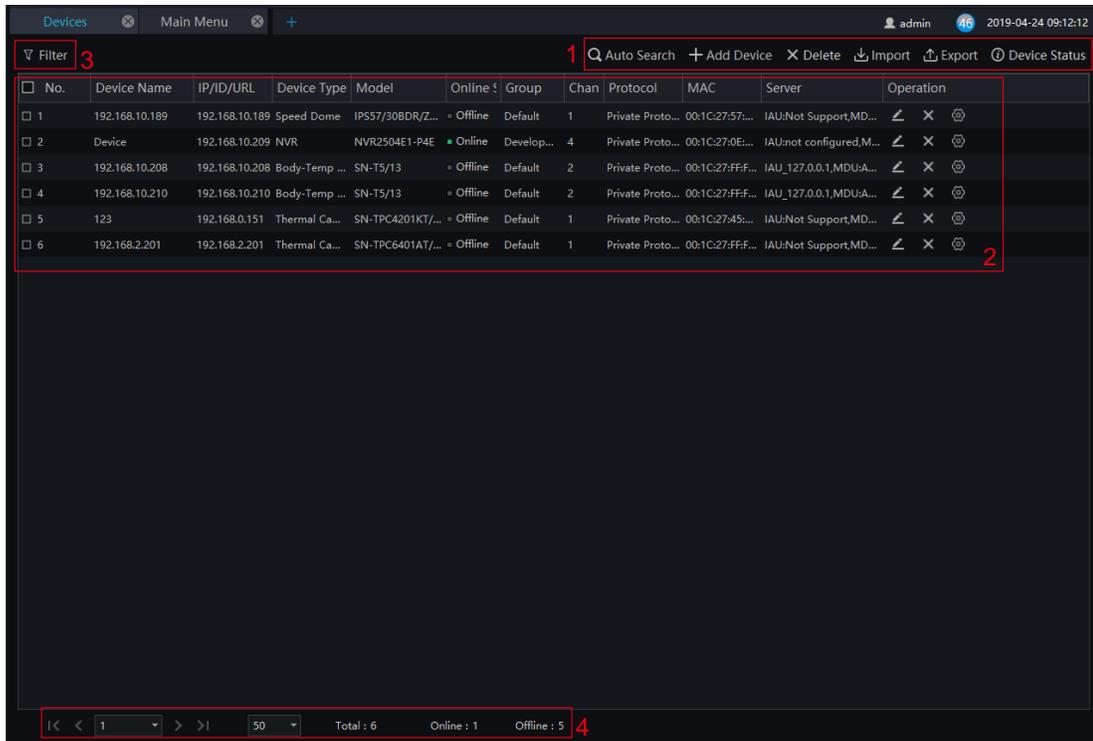


Table 6-1 Device Management

No.	Function	Description
1	Operation	Search, add, delete, export, import devices, Status of All devices.
2	Device information display	Details of device, operating device: edit, delete device, quickly enter to device configuration.
3	Filter	Filter the device by setting device type, online status and device name.
4	Page	Device display page, next page, quantity, status.

6.2 Auto Search

Requirement: The edge devices and the server are both on the same network segment.

Procedure:

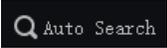
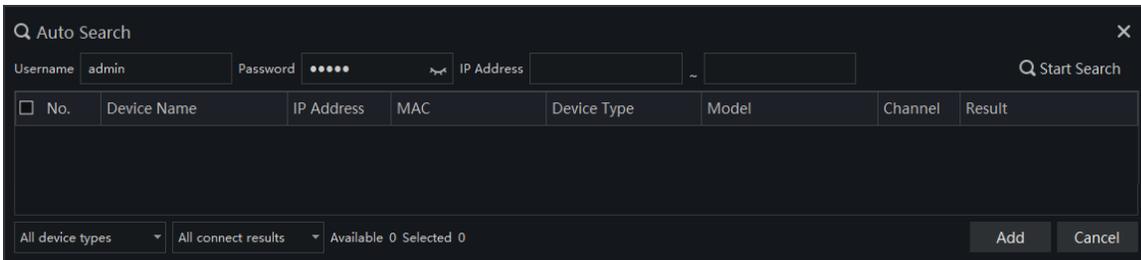
Step 1 : On device management page click  to display the auto search page ,as shown in Figure 6-2.

Figure 6-2 Auto search page



No.	Device Name	IP Address	MAC	Device Type	Model	Channel	Result
-----	-------------	------------	-----	-------------	-------	---------	--------

Step 2 : Input the user name and password of the device and set the IP address range (start ~ end) to filter.

Step 3 : Click “Start Search”, any compatible devices on the same network will be automatically found and the search results will be displayed on the current page.

Step 4 : Select the number of the desired device and click “Add”. After finished, the device is displayed in the list.

 **TIP**

Many devices can be added to the list, but some devices may fail to connect, either due to an incorrect password or some other settings. In such case modify the settings of device manually by right click on the selected device.

7 Live view

At live view interface, you can watch the real-time video , real-time cruise video, local video, set screenshot ,open the audio, start the voice intercom, zoom in the video, switch the code stream, save the layout, 3D positioning, and control the PTZ. The right-click menu can quickly set video parameters.



On the main menu page, click on Live View Icon to invoke the Live View user interface, as shown in Figure 7-1

TIP

System can support opening up to 4 live view windows simultaneously. Use the mouse to drag out any window, convenient for multiple screens displayed simultaneously.

Figure 7-1 Live view UI

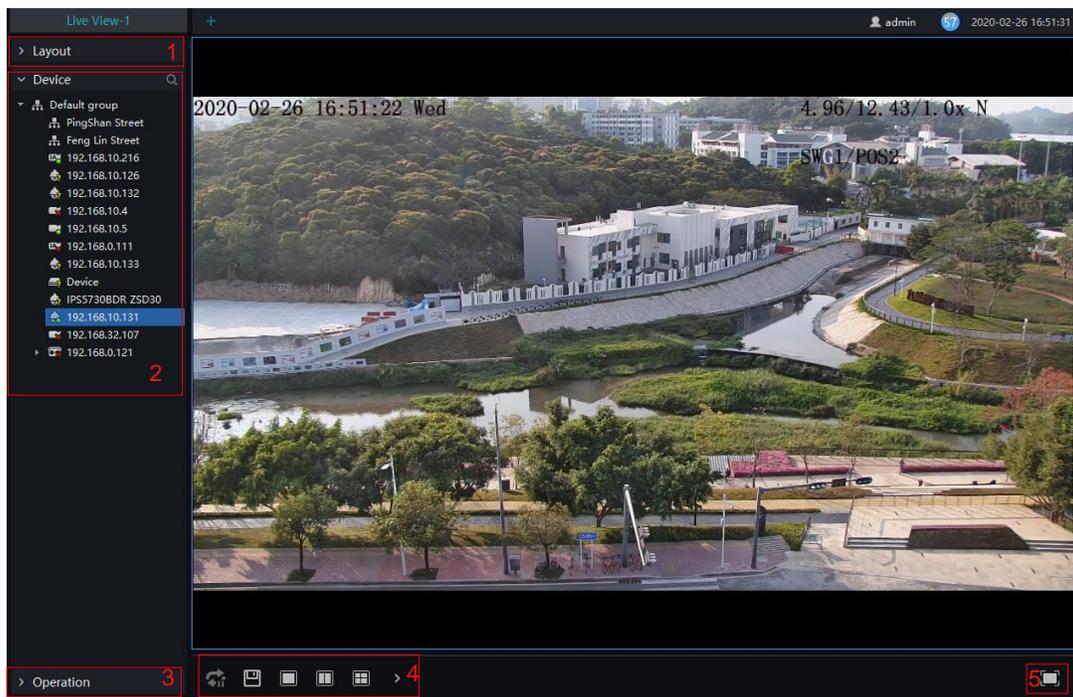


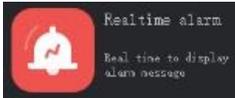
Table 7-1 Live view

No.	Function	Description
1	Layout	Video display format, add the layout.
2	Operation	Set dome device PTZ/ Image parameter.
3	Video display layout	Start the cruise, save the current layout, single screen, four screens, support maximum 64 screens 

No.	Function	Description
4	Operation	Set dome device PTZ/ Image parameter.
5	Full screen	Full screen

8 Real-Time Alarm

At the interface of real-time alarm, alarm information from the front-end equipment in real-time could be received, and enabled to handle single or batch of alarms.



On the main menu page, please click Real Time Alarm icon to invoke the user interface as shown in Figure 8-1

Figure 8-1 Real-Time alarm interface

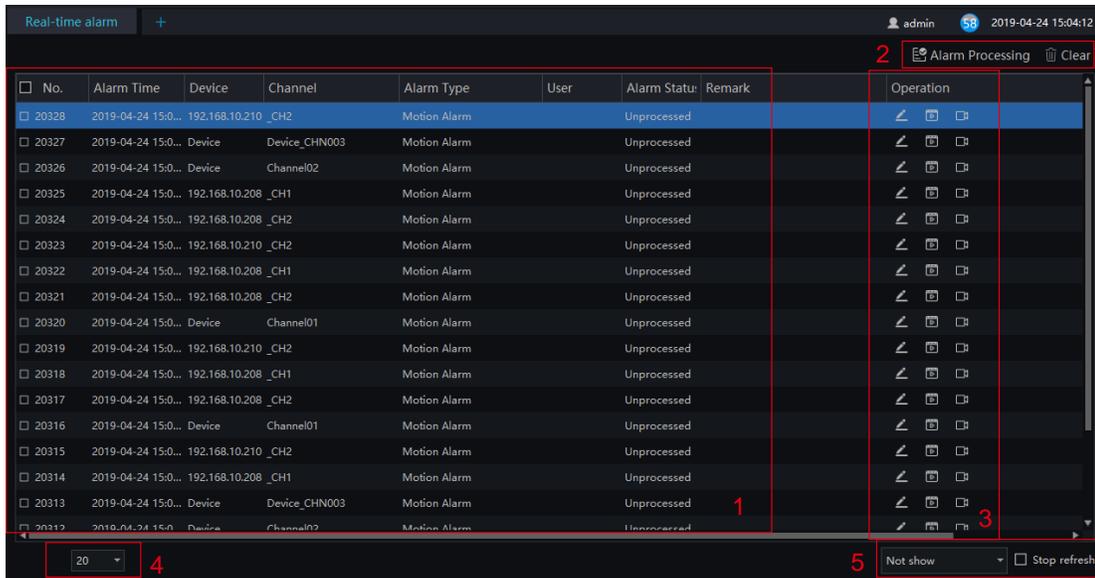


Table 8-1 Real-time alarm

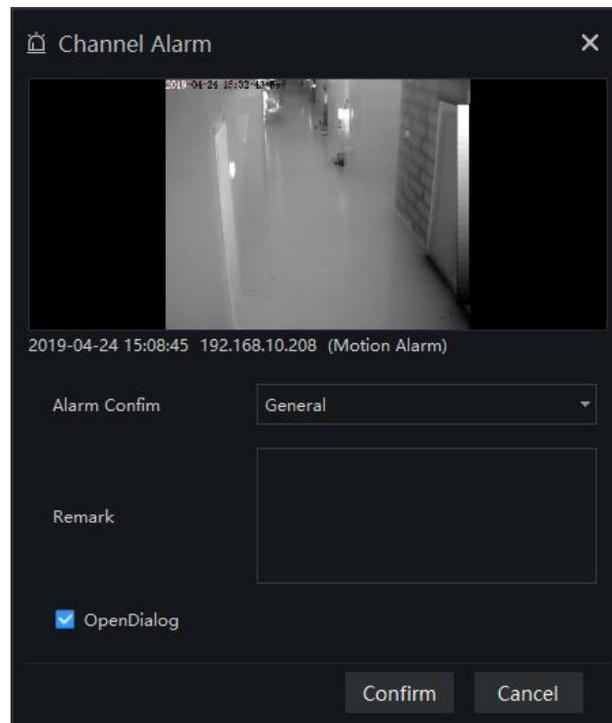
No.	Function	Description
1	Alarm display area	Display alarm related information.
2	Alarm processing.	Process the specified alarm information,
3	Alarm operation	Alarm , video of alarm playback, live video.
4	Interface display.	Quantity of the current page's alarms

Procedure:

Step 1 Click the real-time icon at the main menu page to enter the detailed page, and you can access quickly by clicking  icon in the upper right corner of the screen.

Step 2 Select the alarm information, click “Alarm Processing” in the upper right corner, and a pop-up window will be displayed, which can be set according to the actual situation, when the processing is completed, the status will change to “processed”.

Figure 8-2 Alarm process



1. Click  to play back the alarm occurrence video for 30S.
2. Click  to view live video of the alarm device.

9 Alarm Search

At the interface of Alarm Research, the follow-up date of historical alarm, alarm type, processing status, name of device could be retrieved, and enable to process the search results single or batch individually.



On the main menu page, click on Alarm Search icon to invoke the user interface as shown in Figure 9-1

Figure 9-1 Alarm search interface

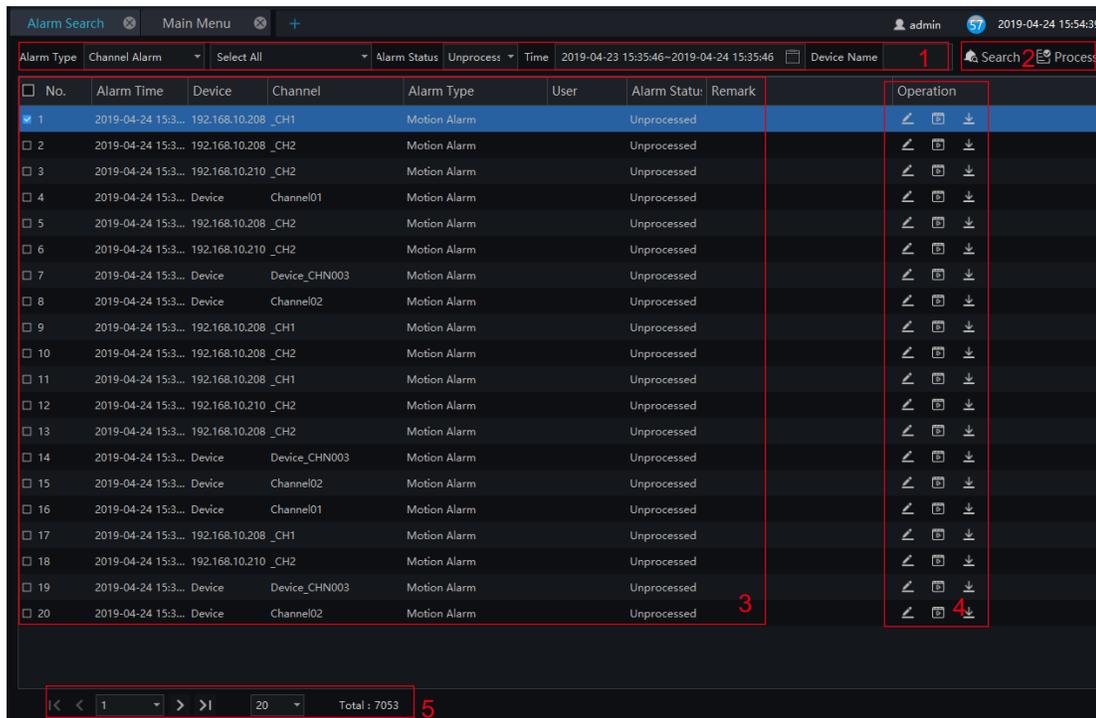


Table 9-1 Alarm search

No.	Function	Description
1	Search condition	User set the search condition, choose alarm type, alarm status, set time of searching
2	Search/Process	Click the icon to search or process the alarm
3	Search results	Results of searching
4	Operation	Edit, playback, process, backup task
5	Interface display	Show the current page of the alarm, and the page displays the number of alarms, switch to next page to show alarm information

9.2 Intelligent Analysis Server

9.2.1 Performance

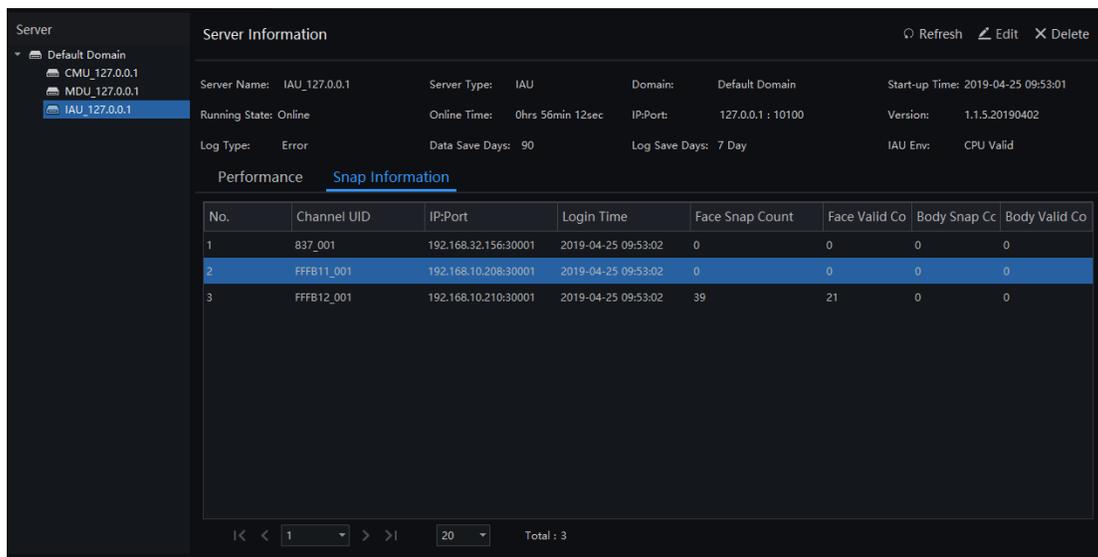
Please refer to chapter 18.2.1

9.2.2 Snap Information

 **NOTE**

This function is generally applicable to the face capture device, it can analyze image if the device captures normally. If the number of captured face is 0, please check whether the camera is configured correctly. The details are shown as Figure 9-2.

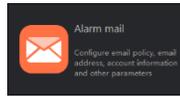
Figure 9-2 Snap information



No.	Channel UID	IP:Port	Login Time	Face Snap Count	Face Valid Co	Body Snap Cc	Body Valid Co
1	837_001	192.168.32.156:30001	2019-04-25 09:53:02	0	0	0	0
2	FFFB11_001	192.168.10.208:30001	2019-04-25 09:53:02	0	0	0	0
3	FFFB12_001	192.168.10.210:30001	2019-04-25 09:53:02	39	21	0	0

10 Alarm Mail

Set the alarm information sender information and recipient information. When sending an alarm, it can be pushed to the corresponding personnel by email.



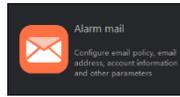
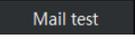
On the main menu page, click  to enter the detailed page, as shown in Figure 10-1.

Figure 10-1 Alarm mail

A screenshot of the 'Alarm mail' configuration page in a web interface. The page has a dark theme. At the top, there are tabs for 'Report Statistic', 'Device Config', and 'Alarm mail'. The 'Alarm mail' tab is active. Below the tabs, there is a header 'Alarm mail' and a sidebar with a 'Strategy' menu and a '+ Strategy1' button. The main content area is titled 'Strategy1' and contains several input fields: 'Strategy name' (filled with 'Strategy1'), 'SMTP Server address', 'SMTP Server port' (filled with '25'), 'Username', 'Password' (with a show/hide icon), 'Sender', 'Accessory image quality' (dropdown menu set to 'Low'), and 'Transfer mode' (dropdown menu set to 'No Encryption'). There is also a 'Recipient1' field with a '+' button next to it. At the bottom of the form, there is a 'Mail test' button and an 'Apply' button.

Step 1 Click  to add the new strategy.

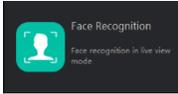
Step 2 Input the name and information of SNMP.

Step 3 Click  to test the settings.

Step 4 Click  to save the settings.

11 Face Recognition

On the Face Recognition function page, you can view the results of face capture and face comparison in real time. This function needs to add a face image in advance through the "Personnel Information Management" function page. Can be broadcast by device voice.



On the main menu page, click to enter the detailed page, as shown in Figure 10-1.

Figure 11-1 Face recognition

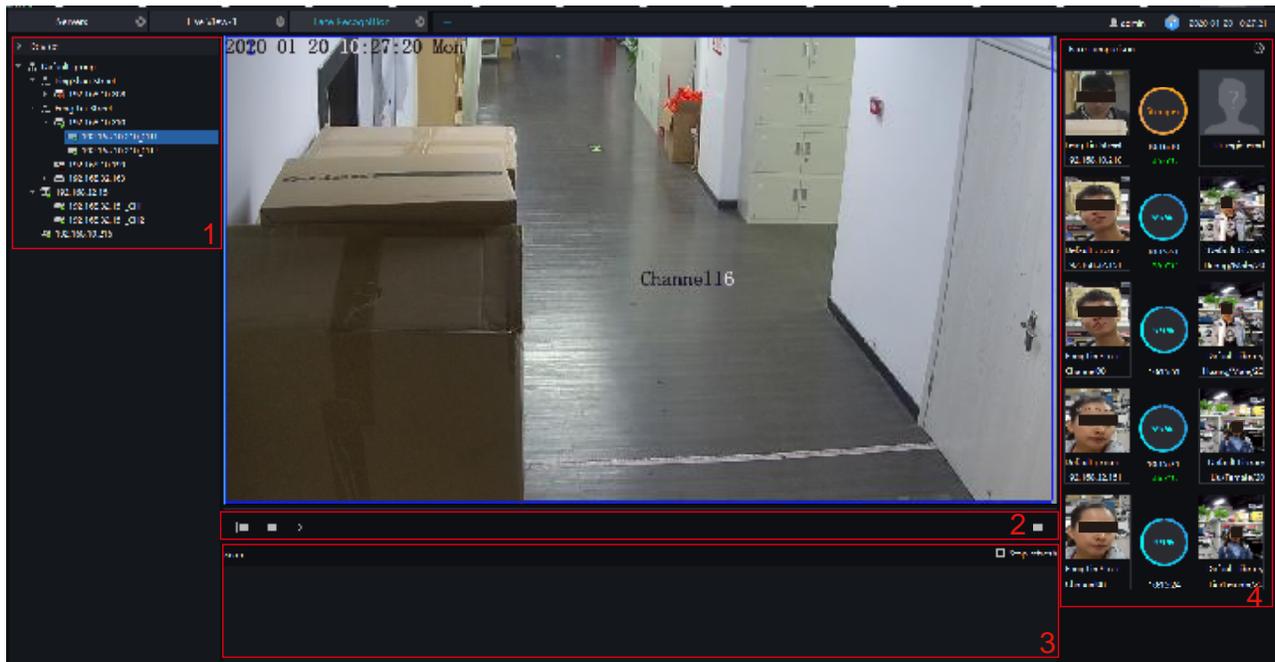
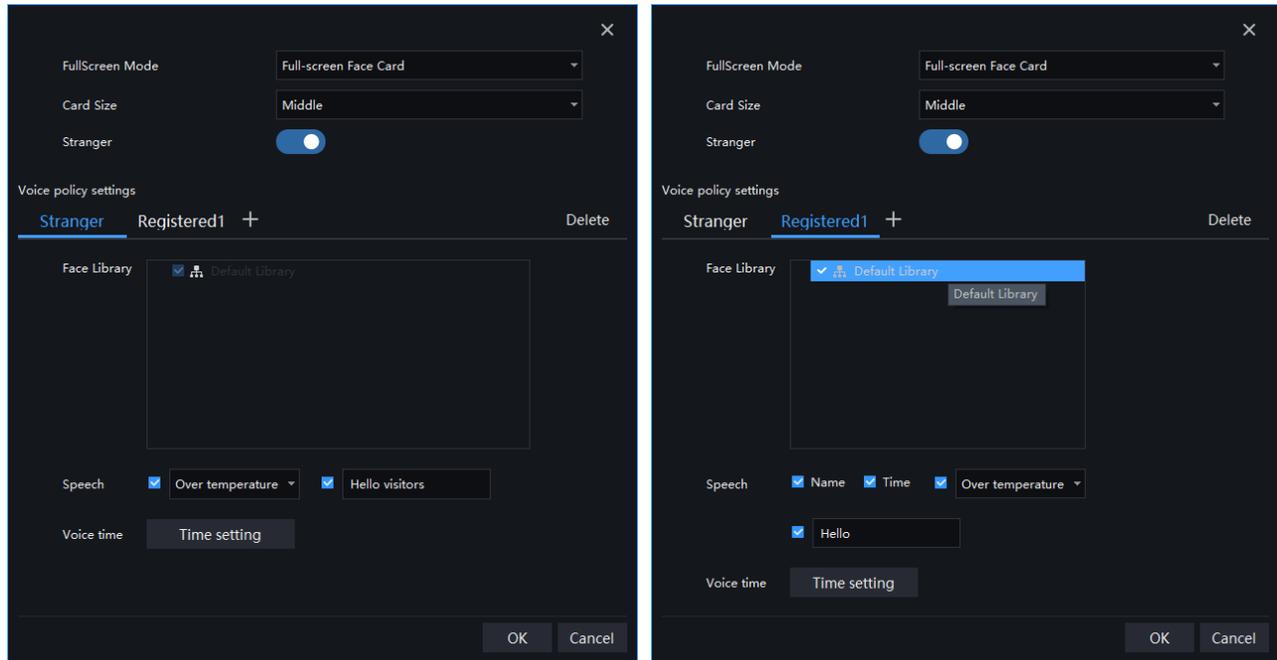


Table 11-1 Face recognition

No.	Function	Description
1	Devices list	Show the devices with face recognition function.
2	Layout	Choose the layout of video.
3	Alarm snapshot	Alarm information About over-temperature face capture display, you can choose to stop refresh.
4	Face comparison	The snapshot face compares with the library. Set the broadcast.

- Step 1 The devices have face capture function that automatically captures the face. The snapshot show on the area of face comparison.
- Step 2 Click the search icon in the lower right corner of the snapshot image to go directly to the smart search interface.
- Step 3 Similar faces of the face database appear again in the picture, and faces higher than the set similarity will be compared in the comparison area and related information is displayed.
- Step 4 Click “+” that appears on the picture to add it directly to the face database.

Figure 11-2 Voice announcement setting



Procedure:

- Step 1 Select the full screen display mode, there are two modes, cards (need to set the card size) and list card.
- Step 2 Enable the stranger, If not the stranger snapshot image is not show on comparison area.
- Step 3 Strangers can set the content of the voice broadcast, the characters are within 10 characters.
- Step 4 The staff already in the library tick the face library, it can set whether to speech the name, time of snapshot, and play text.
- Step 5 Set the voice time.
- Step 6 Click “+” that appears on the picture to add it directly to the face database.

12 Face Library Manage

At the interface of face library management, a multilevel face library directory can be created. Different face libraries can be added and edit personnel information for face recognition. When the camera detects a face, it can be compared with the library to identify, who was captured.



On the main menu page, click the Archives Library Icon to invoke the user interface, as shown in figure 12-1

NOTE

This function is only subject to face detection cameras and license plate capture cameras.

Figure 12-1 Archives library

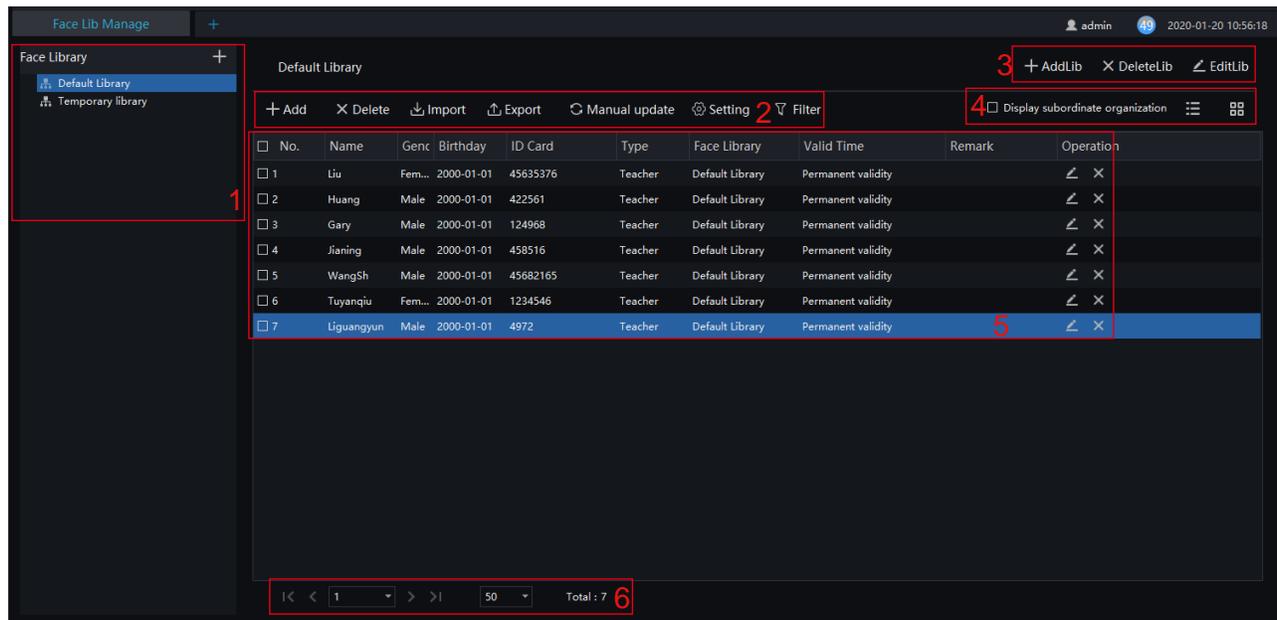
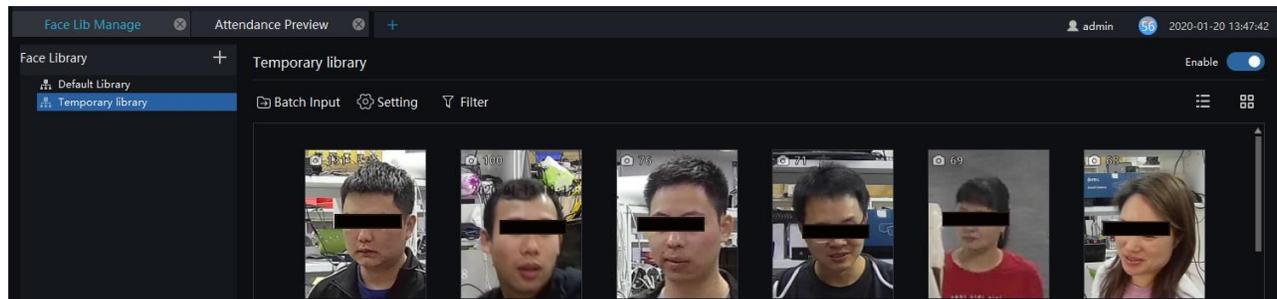


Table 12-1 Face library

No.	Function	Description
1	Face Library/license plate library	Face library or license plate library default group/add library
2	Basic operation of person	Add, delete, import, exporting, manual update and filter person.
3	Basic operation of library	Add, delete, and edit library
4	Arrangement	Tick or not display subordinate organization. List mode, card mode

No.	Function	Description
5	Display information	Face library basic information display
6	Page information	Page number, number of pages per page, total number of showing. Switch to next page

Figure 12-2 Temporary library



The temporary library will show the all of capture faces, and the number of snapshots will show on the picture.

Click  on picture to add stranger to library.

Click  to enter face search.

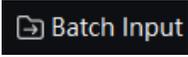
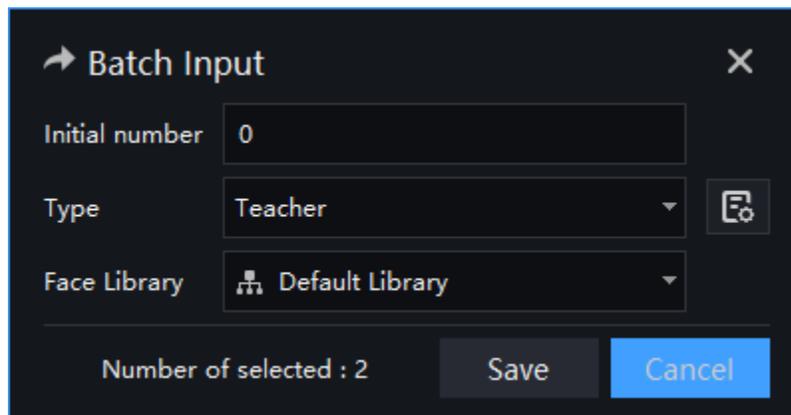
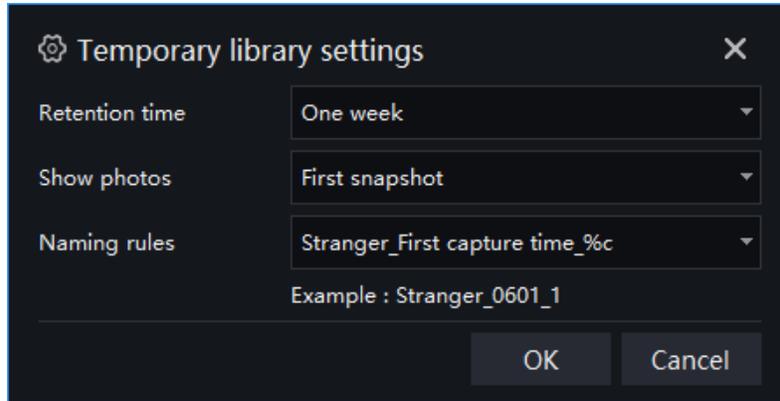
Click  to enter the batch input interface to add the library, as shown in Figure 12-3.

Figure 12-3 Batch input



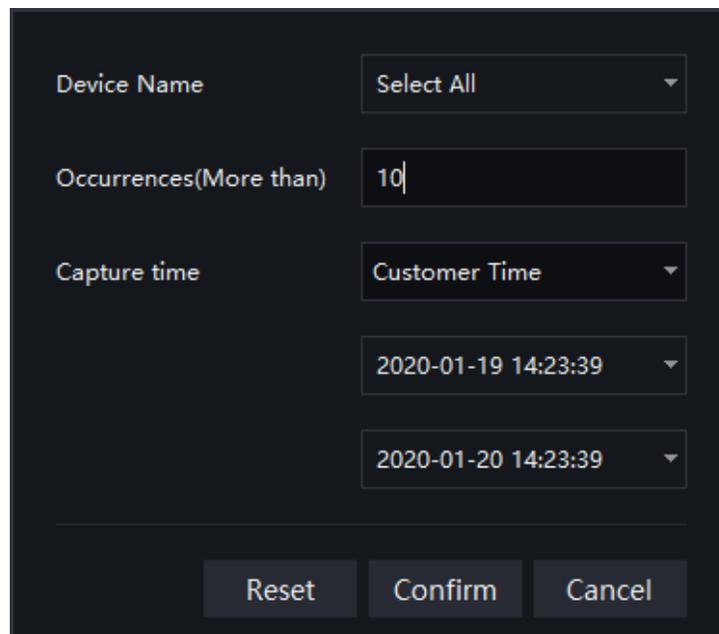
Click  to set temporary library settings, as shown in Figure 12-5

Figure 12-4 Temporary library setting



Click  Filter to set filter, as shown in Figure 12-5.

Figure 12-5 Filter



The temporary library is updated in real time.

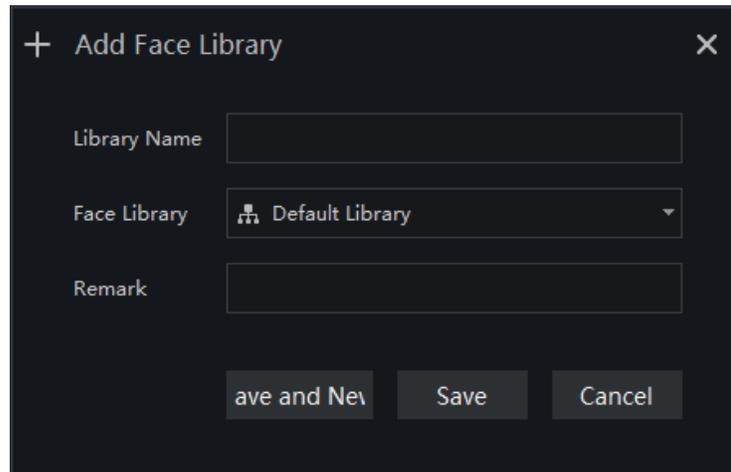
12.1 Add Face Library

Procedure:

Step 1 Click  to add face library.

Step 2 Input library name, remark, choose library , as shown in Figure 12-6.

Figure 12-6 Add face library



The screenshot shows a dark-themed dialog box titled "Add Face Library". It features a plus icon in the top-left corner and a close icon in the top-right corner. The dialog contains three input fields: "Library Name" (a text input field), "Face Library" (a dropdown menu currently showing "Default Library"), and "Remark" (a text input field). At the bottom of the dialog, there are three buttons: "Save and New", "Save", and "Cancel".

Step 3 Click “save” to save settings. Click “save and new” to save and add another one.

12.1.1 Add Personnel Information

Procedure:

Step 1 Select a face library

Step 2 Click  to add new personnel information

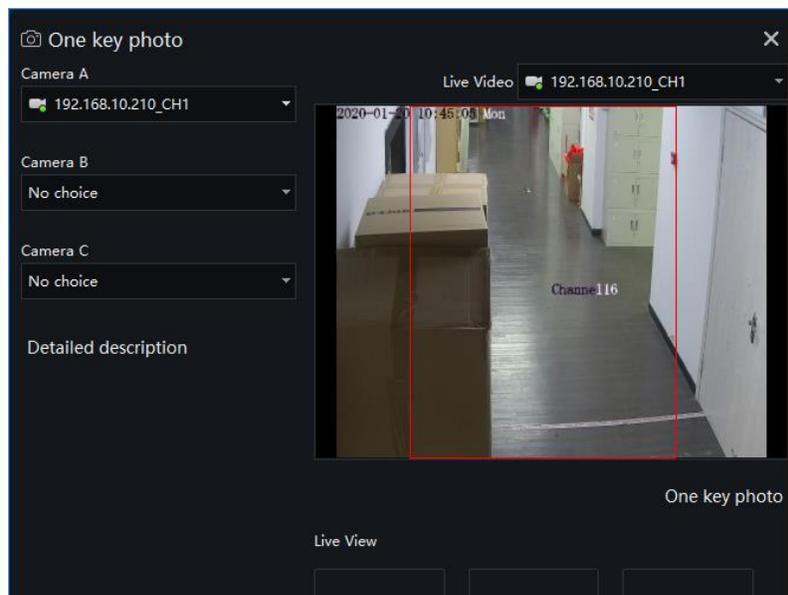
Step 3 Input the information as shown in Figure 12-7.

Figure 12-7 Person enroll

Step 4 Support one person to add multiple images, increase the comparison rate, each selected photo has a delete icon, click to delete.

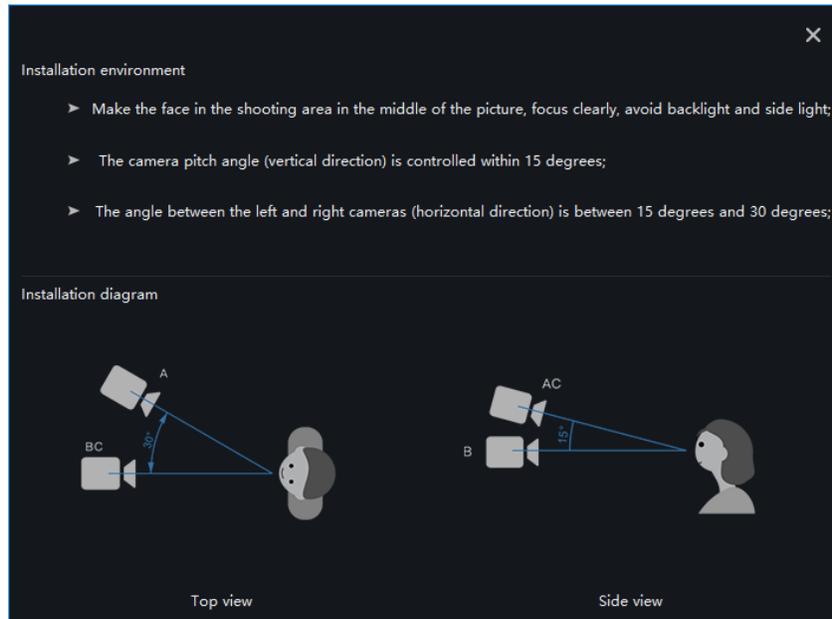
Step 5 Click “One key photo” to enter capture person immediately, as shown in

Figure 12-8 One key photo



Step 6 Choose one camera to snapshot, if you want to collect multiple pictures and improve the correct of comparing, you can choose three cameras to snapshot through different angle, as shown in Figure 12-9.

Figure 12-9 Best installation angle



Step 7 Click “ Save ”, the showing “Add person succeed” and add succeed.

 TIP

Clear face image could be highly recommended, which can get higher accuracy for comparison.

13 Face Match Configuration

At the Face Match configuration page, you can add a comparison strategy between the camera and the face library for different cameras to be compared with different face databases. When the camera detects a face, it only compares with the chosen library.

NOTE

This function is only subject to Face Detection cameras.



On the main menu page, click  to view the configuration interface, as shown in Figure 13-1.

Figure 13-1 Face Match configuration interface

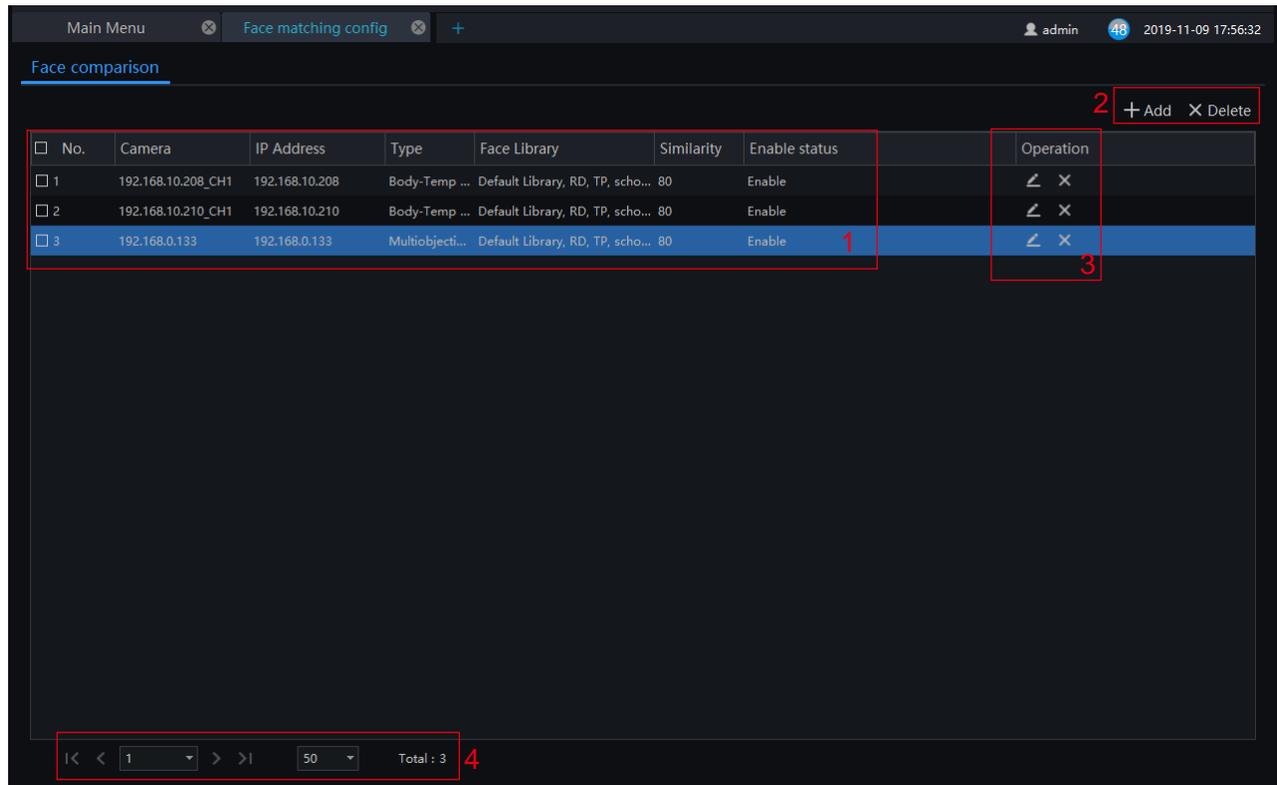


Table 13-1 Strategy configuration

No.	Function	Description
1	Detail of face comparison	Setting up face comparison detail information.
2	Basic operation	Add, Delete
3	Operation	Modify and delete the face library.

No.	Function	Description
4	Page information	Page number, number of pages per page, total Switch to next page

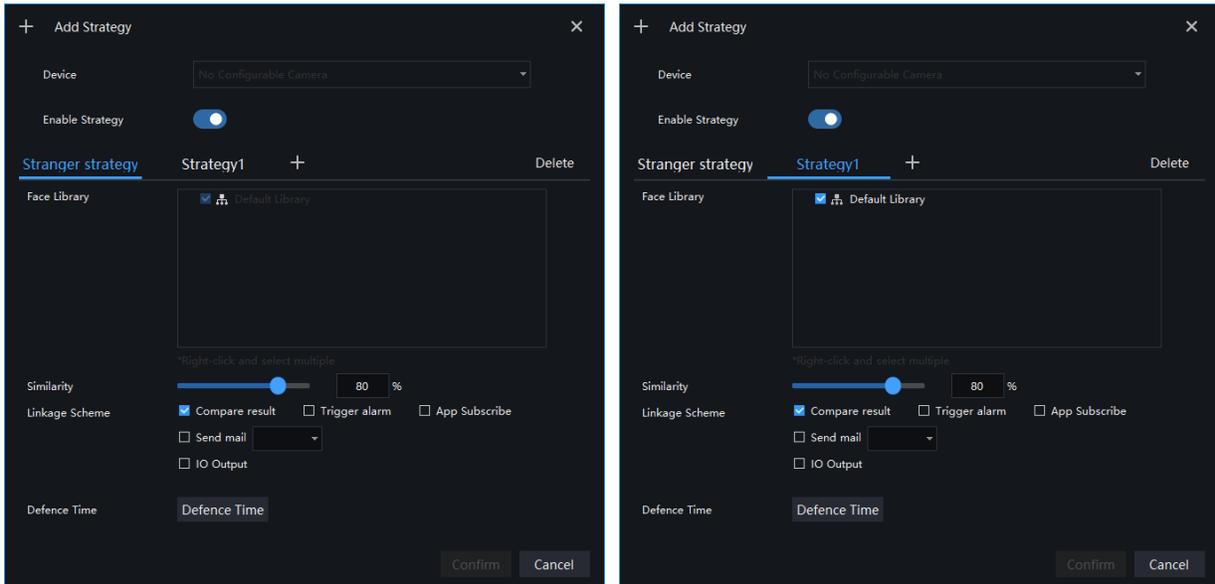
13.1 Face Comparison Configuration

Procedure:

Step 1 Click icon of strategy configuration in new page, into the interface as figure 13-2 .

Step 2 Click “Add” to get into new face comparison, as shown in figure.

Figure 13-2 Add strategy



Step 3 Check camera and face library.

Step 4 Set up Similarity and activate Stranger mode.

Step 5 Click to confirm the success of adding face comparison, relative devices showing in the list and executable for both Edit and Delete.

14 Face Search

At the Smart Search function page, you can select a face image to retrieve a face photo that matches the face similarity from the platform and play back the track on the map.

 **NOTE**

This function only supports cameras with face recognition.



On the main menu page, click  to view more detailed interface.

Figure 14-1 Face search

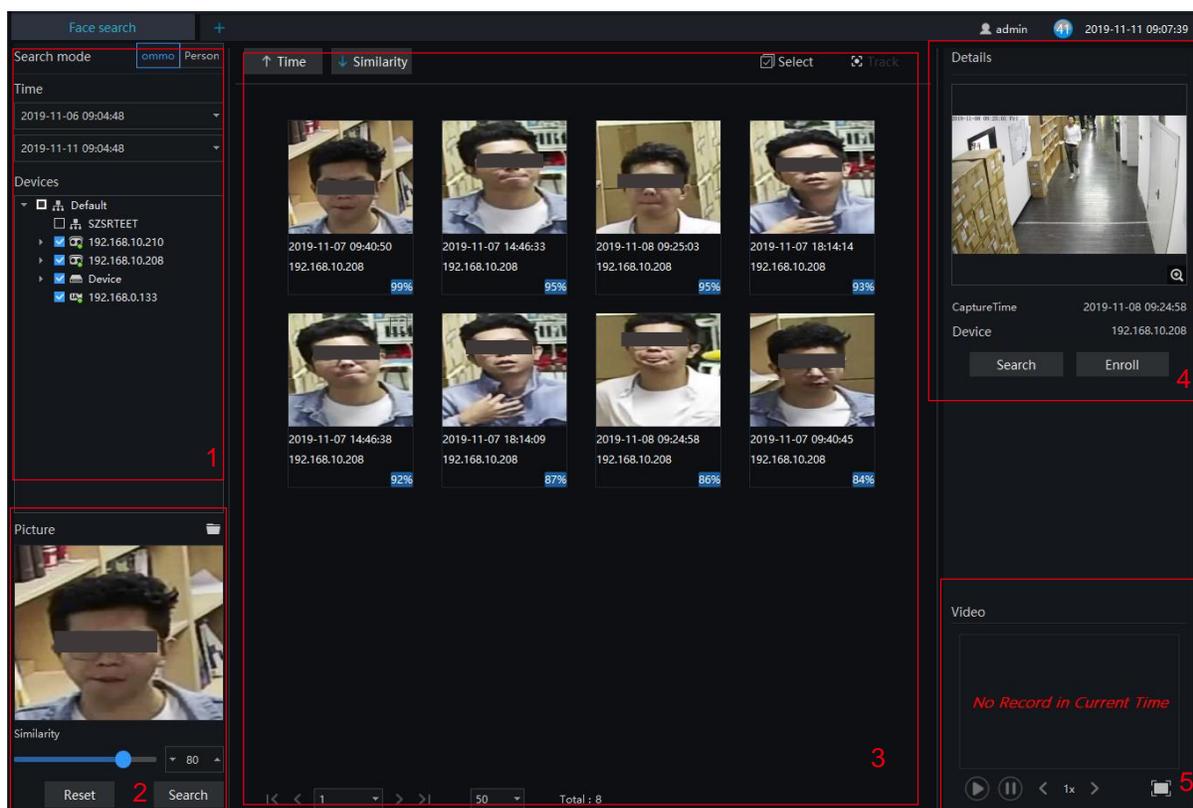


Table 14-1 Smart search

No.	Function	Description
1	Set search mode	The search modes are common and person. Set the start time of the query. Select the capture camera, tick the group to select all.
2	Set picture	Select picture from the local folder. Set the similarity. Reset: reset the search items. Search: click “Search” and switch the details picture to search
3	Display information	The information can be displayed by time, similarity in row, behavior track.
4	Details	Click on the image of the query result to display the panorama in the captured state. The captured picture can be entered into the face database. Search directly with snap shots. Enroll: click to enroll the searched picture. Enter the face database and search for images. The pictures captured by the camera are generally stored in the snap folder by default.
5	Switch picture to search	If there is a record, you can directly play the video before and after the snapshot.

14.1 Image Searching

Procedure:

- Step 1 Click  to select image.
- Step 2 Set Similarity; set time of searching picture and the capture devices.
- Step 3 Click “Search”, the searching results will display by Time and Similarity.
- Step 4 Click the images in the result, displaying the details.
- Step 5 Click “Enroll” and show the pop up “Person Enroll” interface. Input relative information and save.
- Step 6 Click “Select” to choose picture of searching result.

15 Temperature Configuration



On the main menu page, Click to view more detailed interface, as shown in Figure 15-1.

NOTE

This function is only subject to thermal cameras.

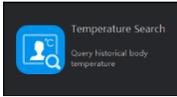
Procedure:

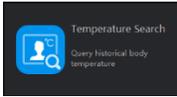
- Step 1 Click “Temperature” to modify temperature configurations.
- Step 2 Input the information of threshold, as shown in Figure 15-1.
- Step 3 Click “Save” to save the settings.

Figure 15-1 Temperature



16 Temperature Search

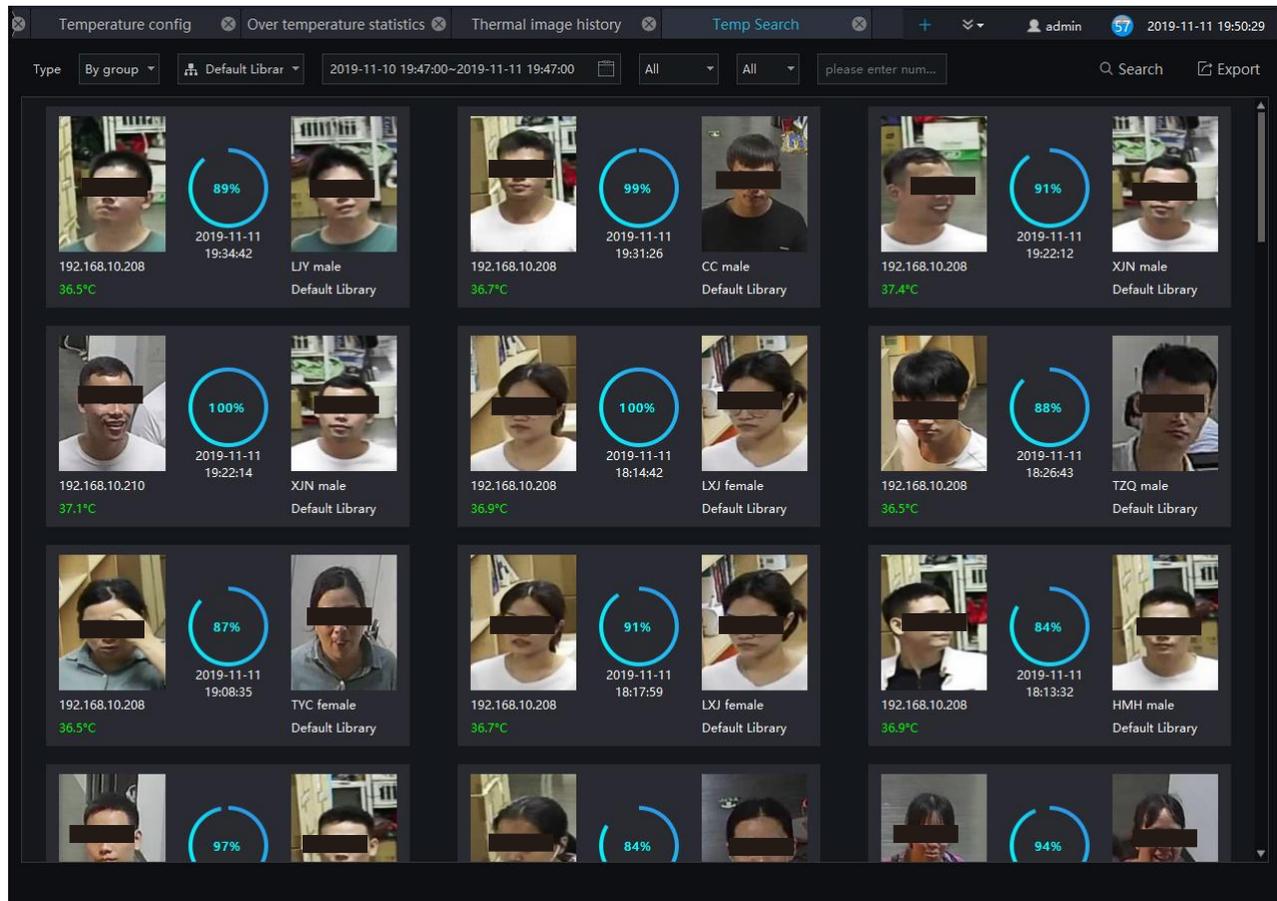


On the main menu page, Click  to view more detailed interface, as shown in Figure 15-1.

NOTE

This function is only subject to body temperature cameras.

Figure 16-1 Temperature search



Procedure:

- Step 1 Choose the type and library of searching.
- Step 2 Set the start and end time.
- Step 3 Choose the personnel and temperature type.
- Step 4 Click “Search” to view the result.
- Step 5 Click “export” to export the result to local folder.

17 Health Archives

At health archives interface, user can track and observe the health status of the person, check the body temperature trend, and the recent over-temperature dynamics; you can also filter, retrieve, and export the person health file.

Archives Manage

Figure 17-1 Health archives

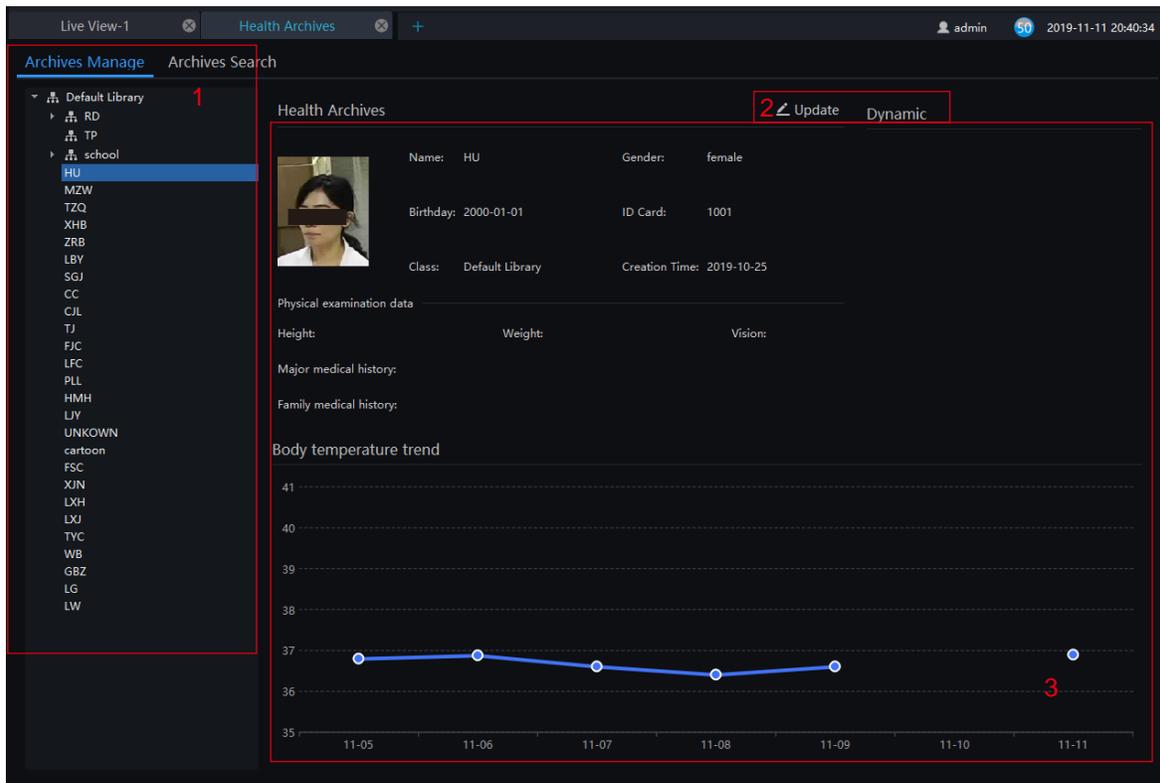


Table 17-1 Health archives

No.	Function	Description
1	Personnel list	Show the people of library.
2	Operation	Update the information. Dynamic: click the name to show dynamic temperature.
3	Detail information	staff information and body temperature trend display, click or roll the mouse wheel, switch to the body temperature chart to the one day .

This Concludes the quick Setup Guide.

For additional information please contact our technical support department.