

# **Smart Pass Management Platform**

## **User Manual**

### **V 3.0.0.0**

Contents

- 1.Chapter One Installation and Login.....
- 2.Chapter Two Console.....
- 3.Chapter Three Device Management.....
  - 3.1 Device list .....
    - 3.1.1 Parameter settings.....
    - 3.1.2 Power control.....
    - 3.1.3 Temperature detection setting.....
    - 3.1.4 Client upgrade.....
    - 3.1.5 Volume settings.....
    - 3.1.6 Auto-start.....
    - 3.1.7 Application daemon.....
    - 3.1.8 Callback Setting.....
    - 3.1.9 Email Setting.....
    - 3.1.10 Privacy setting.....
    - 3.1.11 Questionnaire.....
    - 3.1.12 Open the door remotely.....
    - 3.1.13 Delete.....
    - 3.1.14 Move group.....
    - 3.1.15 Personalize list.....
    - 3.1.16 Device details.....
    - 3.1.17 Device monitoring.....

- 3.1.18 Grouping operation in Bulk .....
- 3.1.19 Device grouping management .....
- 3.2 APK list .....
- 3.2.1 Delete APK .....
- 3.2.2 New APK .....
- 4. Chapter Four Personnel Management .....
- 4.1 Employee list .....
- 4.1.1 Add employee information individually .....
- 4.1.2 Import employee information in bulk .....
- 4.1.3 Import portrait photos in bulk .....
- 4.1.4 Export .....
- 4.1.5 Export portrait .....
- 4.1.6 Refresh employee information .....
- 4.1.7 Staff details and editing .....
- 4.1.8 Employee grouping management .....
- 4.2 Visitor management .....
- 4.2.1 Add visitor individually .....
- 4.2.2 Export visitor information .....
- 4.2.3 Refresh visitor information .....
- 4.2.4 Visitor details and editing .....
- 4.2.5 Visitor grouping management .....
- 4.3 Blacklist management .....
- 4.3.1 Add blacklist individually .....
- 4.3.2 Export blacklist .....

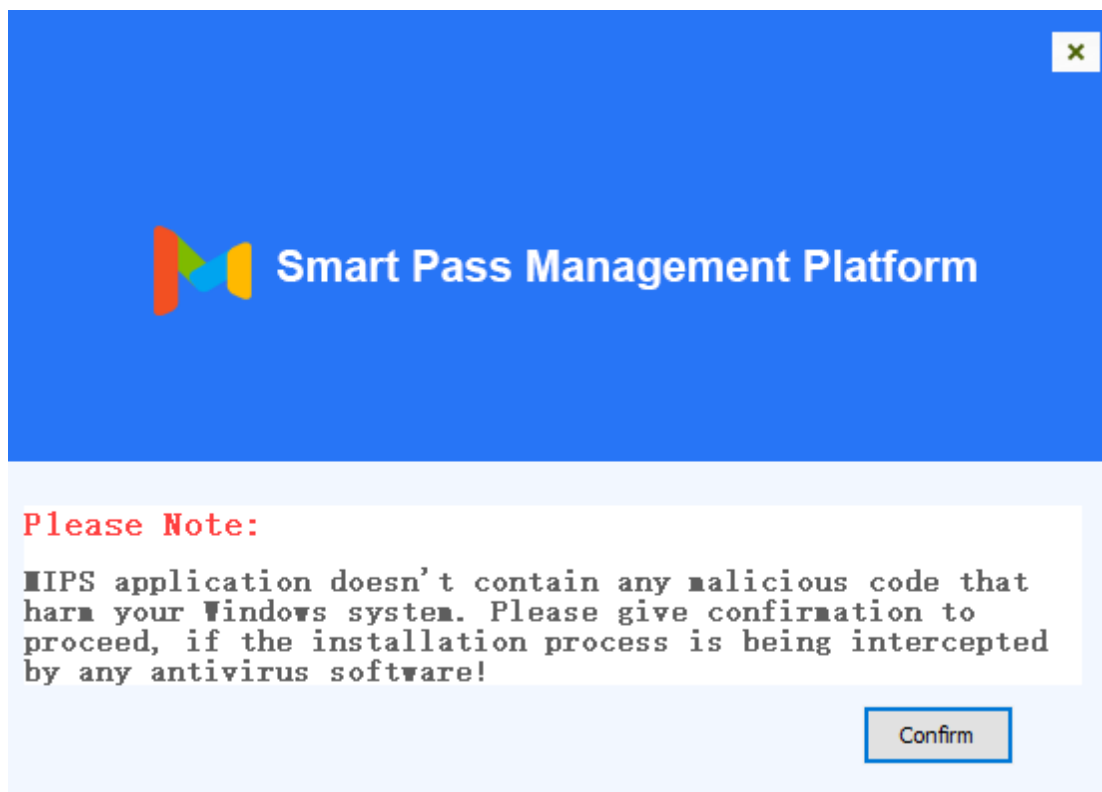
- 4.3.3 Refresh blacklist information .....
- 4.3.4 Blacklist details and editing.....
- 4.3.5 Blacklist grouping management.....
- 5.Chapter Five Pass Management .....
- 5.1 Pass records .....
- 5.1.1 Export.....
- 5.1.2 Export records.....
- 5.1.3 Delete settings.....
- 5.1.4 Immediately delete.....
- 5.1.5 Delete in batches.....
- 5.1.6 Timing refresh.....
- 5.2 Pass permission.....
- 5.2.1 Employee pass permission settings .....
- 5.2.2 Visitor pass permission settings.....
- 5.2.3 Revoke permission.....
- 5.2.4 Refresh permission information.....
- 5.3 Blacklist monitoring.....
- 5.3.1 Blacklist monitoring settings .....
- 5.3.2 Identification record query.....
- 5.3.3 Remove monitoring.....
- 5.4 Permission records.....
- 5.5 Questionnaire records.....
- 6.Chapter Six System Management .....
- 6.1 Group structure.....
- 6.1.1 Attribution of business data.....

- 6.1.2 Group management .....
- 6.1.3 User management .....
- 6.2 Role management .....
- 6.3 Business management .....
- 6.4 System log .....
- 6.5 System setting .....
- 7. Chapter Seven Attendance Management .....
- 7.1 Attendance rules .....
- 7.1.1 Shift settings .....
- 7.1.2 Holiday settings .....
- 7.1.3 Public holiday settings .....
- 7.1.4 Device group settings .....
- 7.2 Attendance records .....
- 7.3 Attendance statistics .....
- 8. Chapter Eight Client Functions .....
- 8.1 Client login .....
- 8.2 Application settings .....
- 8.2.1 Device name setting .....
- 8.2.2 Body temperature setting .....
- 8.2.3 Identification parameter setting .....
- 8.2.4 Volume setting .....
- 8.2.5 Start-up settings .....
- 8.2.6 Application information settings .....
- 8.2.7 Recognition effect display .....
- 8.2.8 Application password settings .....
- 8.2.9 Camera preview resolution setting .....

- 8.2.10 Screen-saver brightness setting .....
- 8.2.11 Device restart time setting.....
- 8.2.12 Relay settings.....
- 8.2.13 Questionnaire survey.....
- 8.2.14 Others .....
- 8.2.15 Application initialization .....
- 8.3 Face portrait entry .....
- 8.4 Personnel import in bulk.....
- 8.5 Pass records .....
- 8.6 Application information .....
- 8.7 Face database.....
- 8.8 Identify the home page.....
- 8.9 Others.....

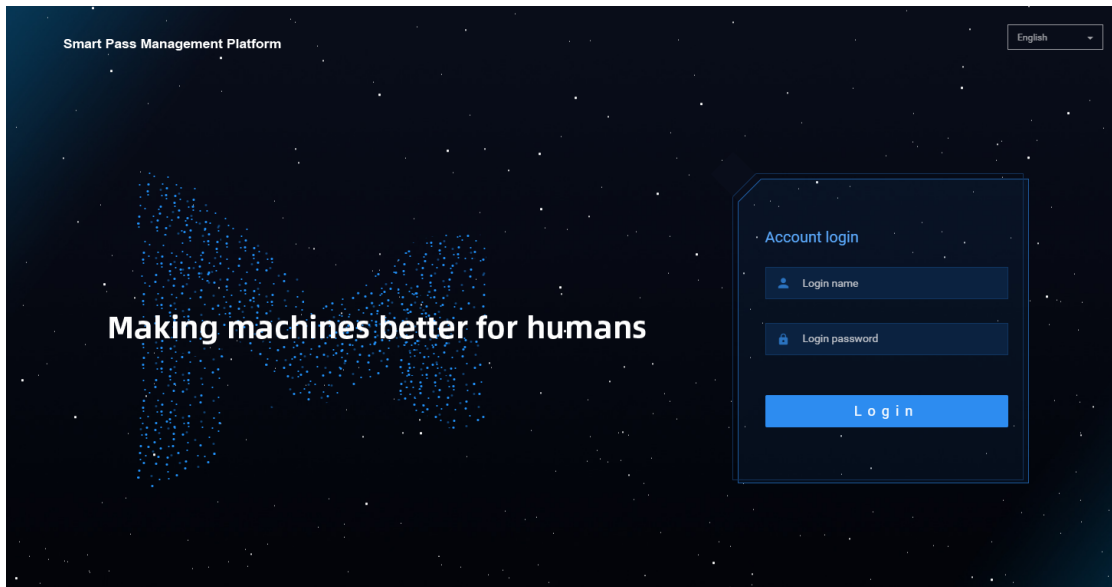
# 1.Chapter One Installation and Login

- One-click installation: Double-click the exe installation file and follow the installation instructions for quick installation.



Note: If the installation process is blocked by a system firewall or third-party antivirus software, always choose to allow the program to operate. Otherwise, the installation process may fail and become unusable.

- After the program is installed, the application service is automatically started by default.
- After the start-up is complete, click the "Copy" button. Open the chrome browser and paste the link to open the application service background. Enter your username and password to log in. (The default user name: admin password: 123456)

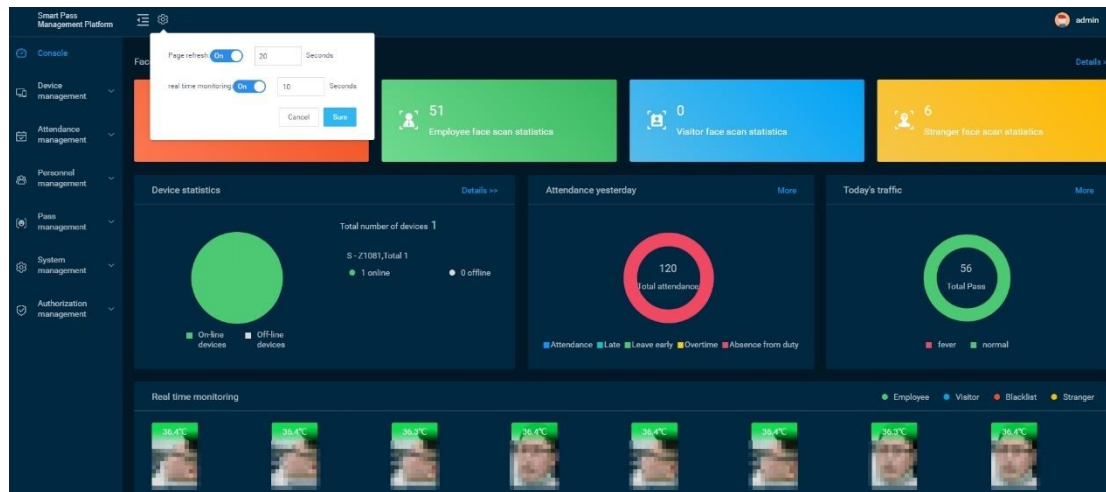


- 
- Application system upgrade: You only need to overwrite and install the application system software version installation package higher than the current version.



## 2.Chapter Two Console

It provides an overview of the number of devices and online status; statistics on the face scan (total face scan, employee face scan, visitor face scan, stranger face scan); today's pass and real-time monitoring (employees, visitors, blacklists, and body temperature); and provides quick access to view details.



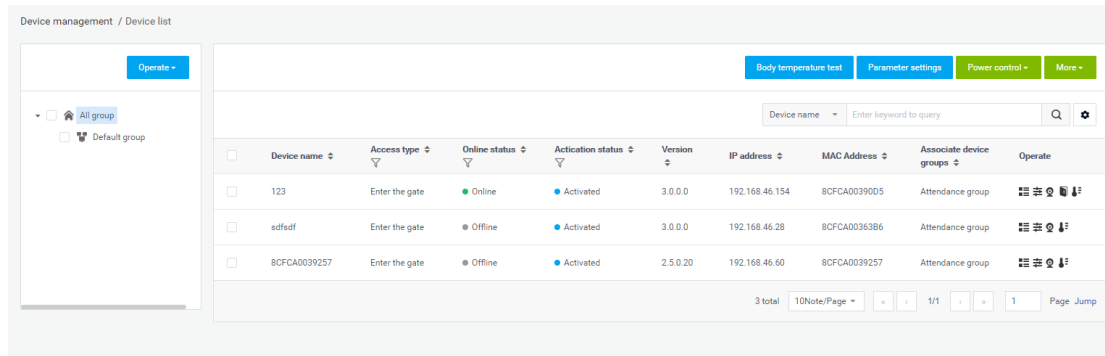
- **Timing refresh Settings**

You can manually turn on the page refresh and real-time monitoring automatic refresh function. The default is to enable automatic refresh every 10 seconds. After the automatic refresh, the page will display the latest data statistics. The refresh interval can be manually changed, ranging from 10 to 3600 seconds.

## 3.Chapter Three Device Management

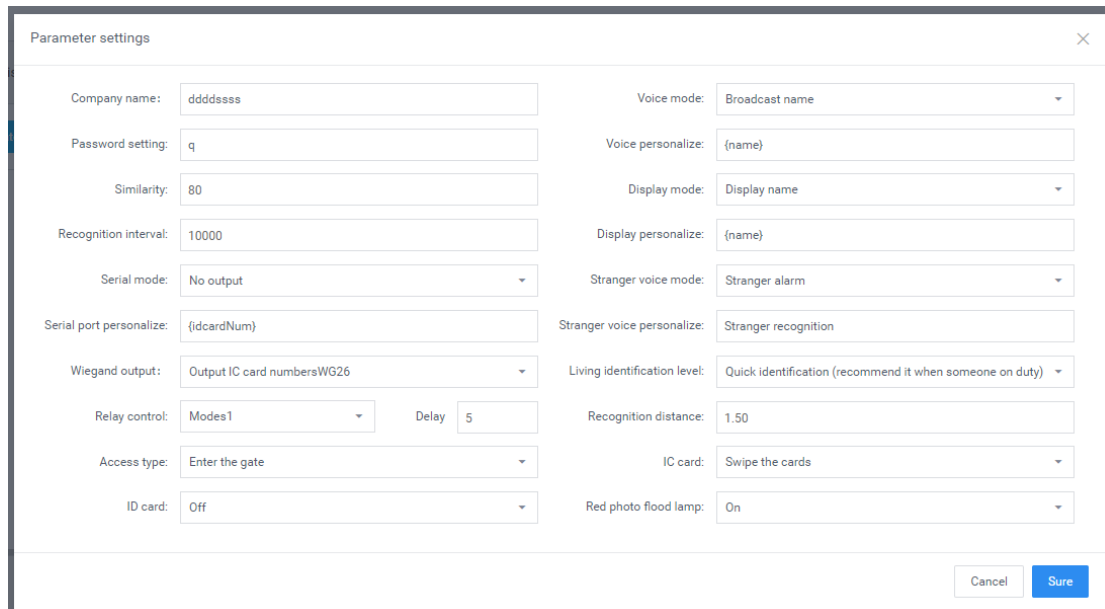
### 3.1 Device list

[Device List] It contains all device information connected to the system. You can perform single, multiple, and grouping management operations on the device.



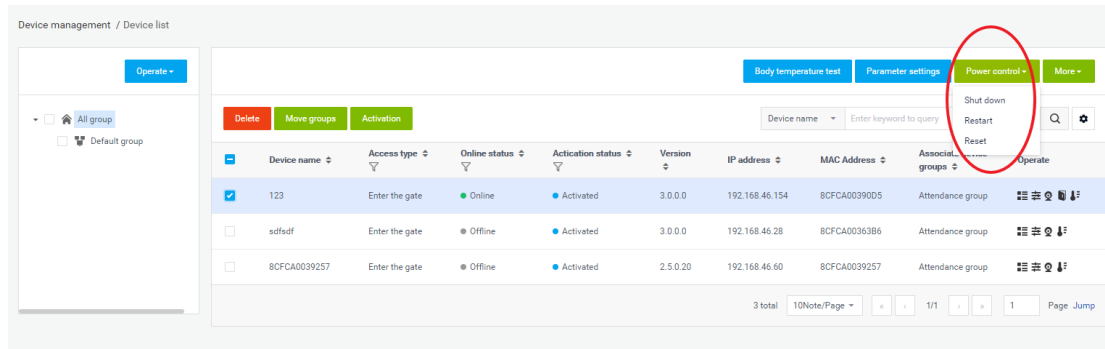
#### 3.1.1 Parameter settings

Select the specified device in [Device List] and click Parameter settings to configure the parameter information of the device, as shown in the figure below:



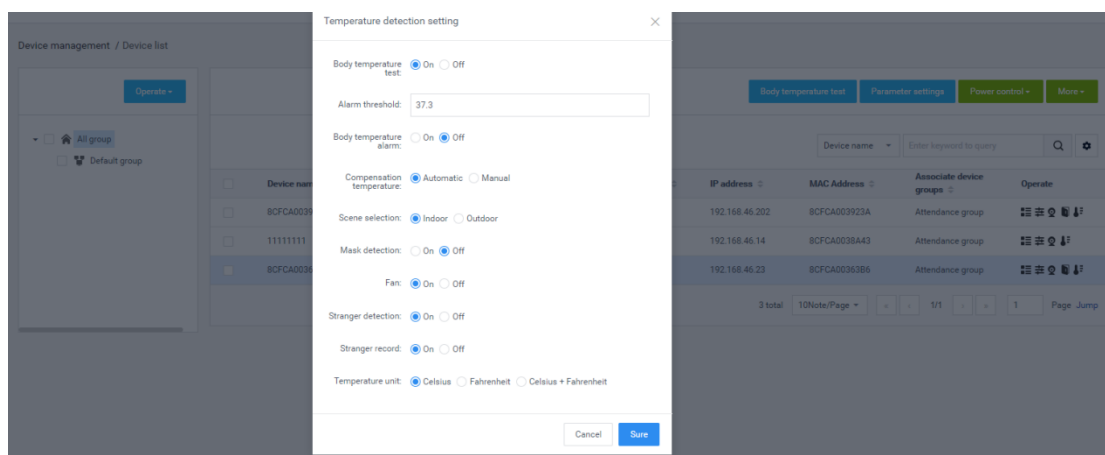
### 3.1.2 Power control

Select the device in [Device list] and click "Shutdown", "Restart", and "Reset" under "Power Control" to remotely shut down, restart, and reset the device.



### 3.1.3 Temperature detection setting

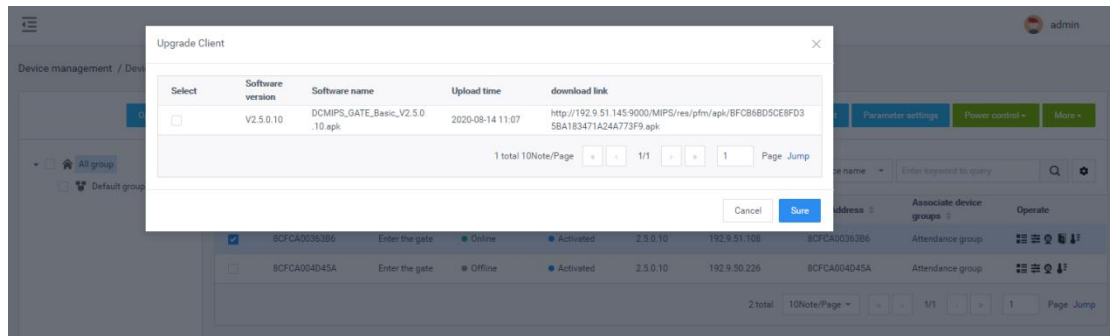
Select the device in [Device list], or select the group, and click "Temperature detection" to set the parameters of temperature detection: temperature detection switch (on by default), alarm threshold (default 37.3), temperature alarm (off by default), compensation temperature (auto is selected by default), mask detection (off by default), fan (enabled by default), stranger mode (off by default), stranger record (off by default), temperature unit (Celsius is selected by default).



### 3.1.4 Client upgrade

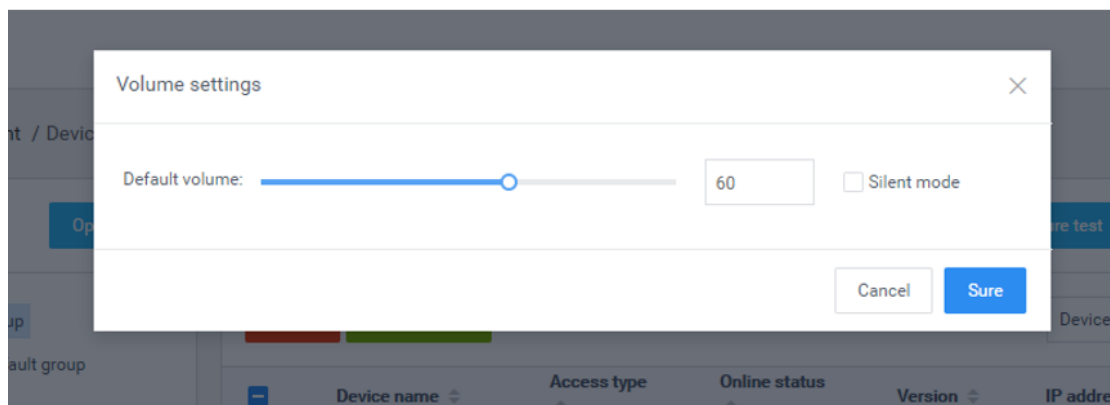
Select the device in [Device list] and click "More-Client upgrade" to enter the device software upgrade page. On this page, you can see the list of uploaded device software. Select the software

version of the device to be upgraded and click the upgrade button to complete the device software upgrade operation. It supports online and offline upgrade operation.



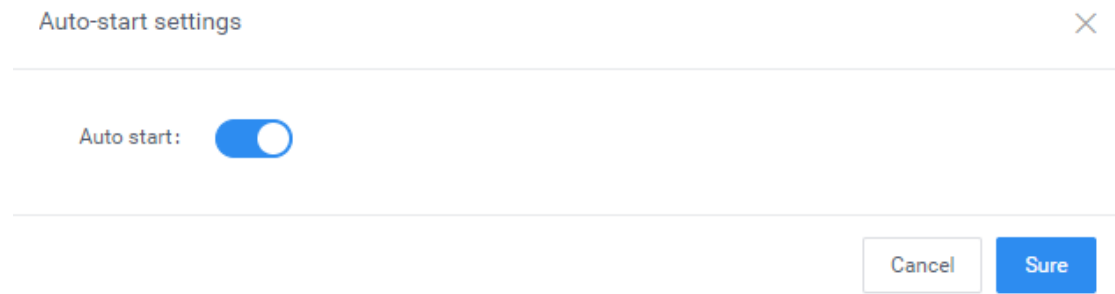
### 3.1.5 Volume settings

- 1) General settings: Select the device in the [Device List] and click "More-Volume setting" to set the volume of the selected device. The volume value can be set between 0-100 and the default is 20.
- 2) Silent setting: Select the device in [Device list], click "More-Volume setting", and select "Silent mode" in the pop-up tab.



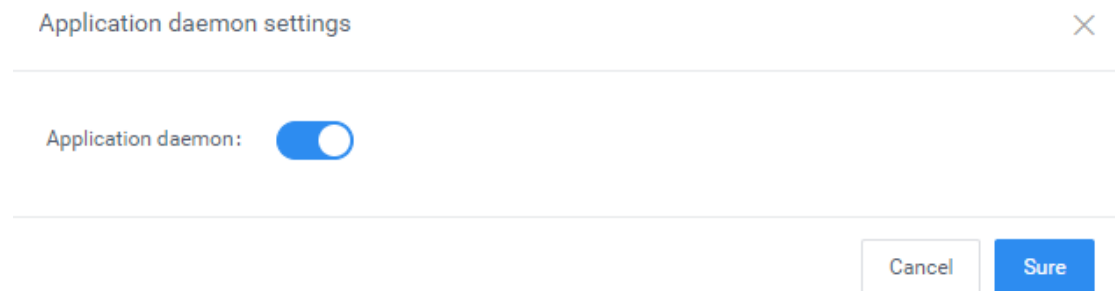
### 3.1.6 Auto-start

Auto-start: When enabled, the application will start at start-up, and when it is closed, it will not start at start-up. In [Device list], select the devices that need to be set to start automatically, and click the "More-Auto-start" button to enable or disable this function.



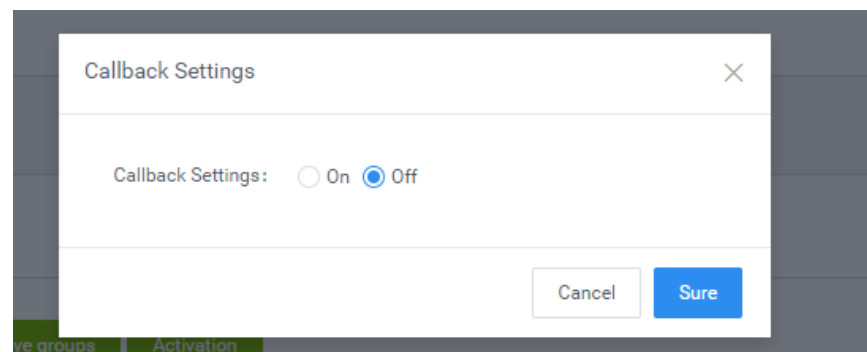
### 3.1.7 Application daemon

Application daemon: When this function is enabled, the application will automatically jump back to the playback interface within 1 minute after exiting the application page. When it is disabled, it will not automatically jump back. In [Device list], select the devices that need to set application daemon, and click the "More-Application daemon" button to enable or disable this function.



### 3.1.8 Callback Setting

Callback Setting: You can select to turn on / off the callback setting after checking single or multiple devices.

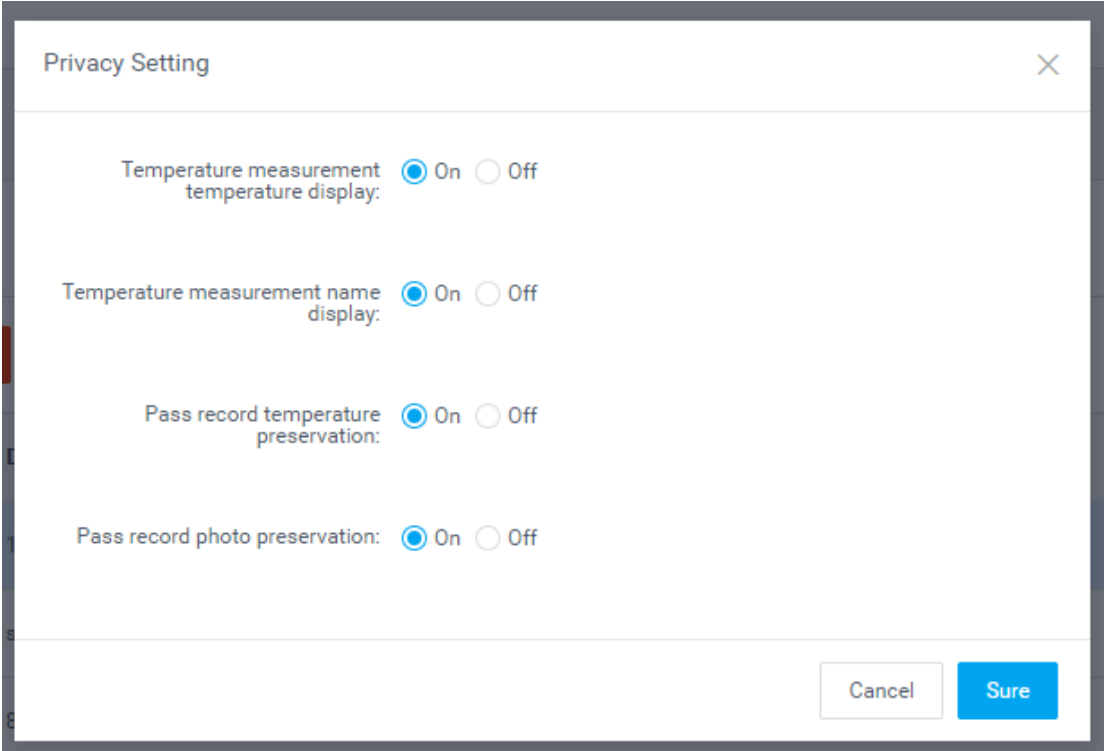


### 3.1.9 Email Setting

Email Setting: You can check single or multiple devices to set the corresponding parameters and information of background automatic sending mail. For setting method, please refer to the introduction of Email Settings in this manual [6.5 System setting]. Note: Setting mail parameters in the Device List does not affect the parameters in the System Setting. If sender A and recipient B are set in the System Settings and sender A and recipient C are set in the Device List page, then both recipient B and recipient C will receive messages when the device triggers the sending of background messages.

### 3.1.10 Privacy setting

**Privacy Settings:** You can check single or multiple devices to set the corresponding privacy settings.



Privacy Setting

Temperature measurement temperature display:  On  Off

Temperature measurement name display:  On  Off

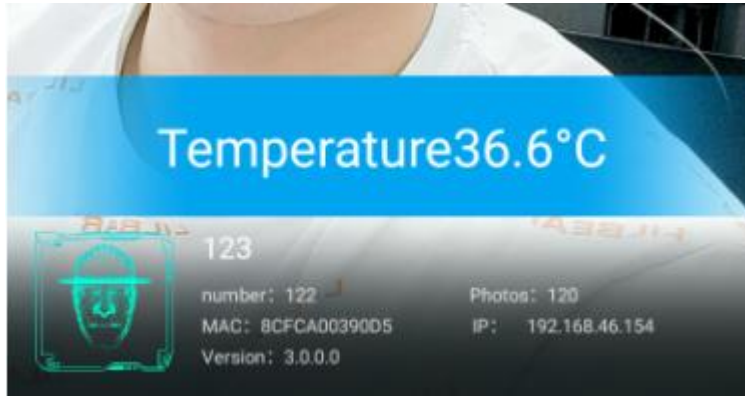
Pass record temperature preservation:  On  Off

Pass record photo preservation:  On  Off

Cancel Sure

- Temperature display

When check Turn On, the device temperature measurement interface will display the temperature value every time the temperature is measured. When check Turn Off, the temperature measurement interface will not display and broadcast the value every time the temperature is measured.



- Name display

When check Turn On, the device will display the name normally after the person is successfully identified. When you check Turn Off, the device will not display the name after the person is successfully identified.



- Pass record temperature preservation

When check Turn On, the temperature value is normally displayed in device pass record. When check Turn Off, the personnel temperature value will not be displayed in device pass record, only [Normal Temperature] or [Abnormal Temperature] will be displayed.

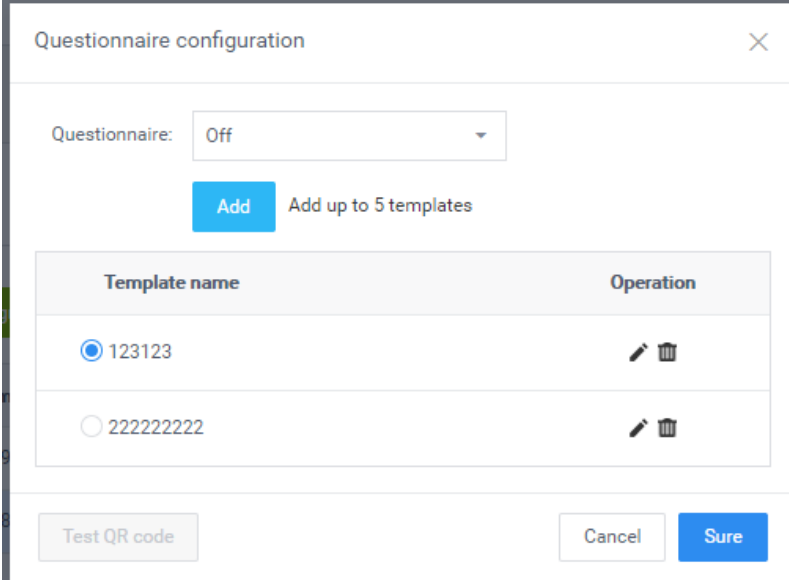


- Pass record photo preservation

When check Turn On, the captured photos will be displayed normally in the device pass record. When check Turn Off, the captured photo will not be saved or displayed in the device pass record.

### 3.1.11 Questionnaire

In [Device List], you can check the device, click [more] button in the device list page, click the questionnaire to enter the questionnaire configuration interface, or check the group and click the questionnaire in the drop-down menu of [Operation] to enter the questionnaire configuration interface.



Questionnaire configuration

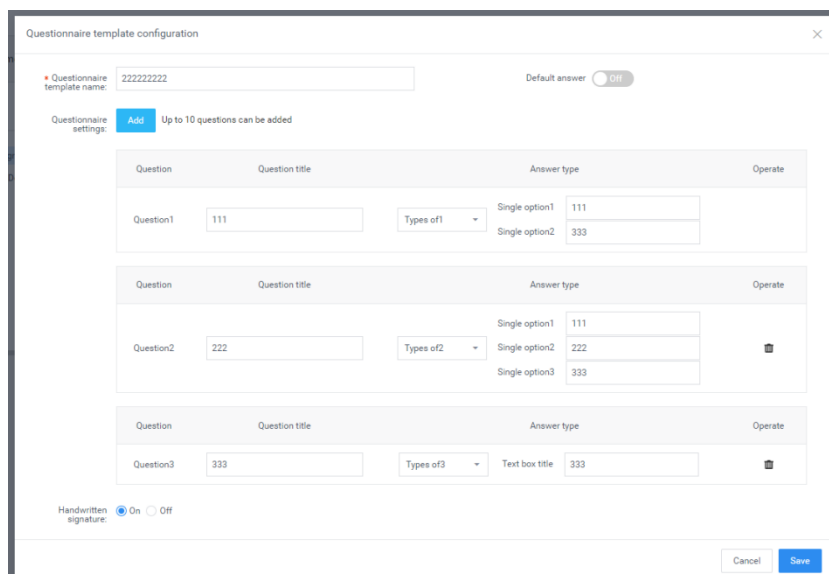
Questionnaire:

Add up to 5 templates

Template name	Operation
<input checked="" type="radio"/> 123123	<input type="button" value="edit"/> <input type="button" value="delete"/>
<input type="radio"/> 222222222	<input type="button" value="edit"/> <input type="button" value="delete"/>

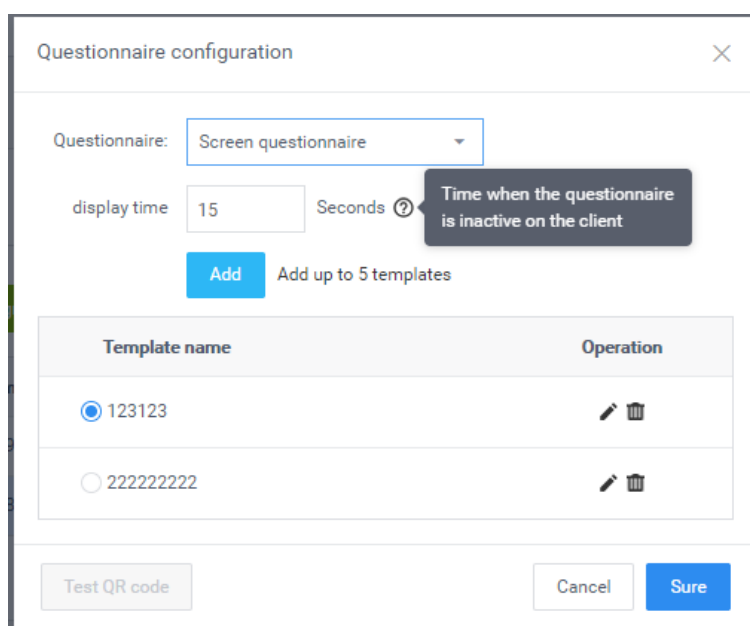
You can click the "Add" button to set the questionnaire template configuration, including the name of the questionnaire, question content, question type selection, signature switch and default answer switch. Each template can contain 1 to 10 questions, and there are three types of questions that you can customize and select to edit. If you turn on the default answer switch, all questions in the current template can only be of type 1.





- Screen questionnaire mode

The screen questionnaire mode can be selected on the questionnaire configuration interface and the display time can be set. The questionnaire page will pop up when someone is identifying the device.



- Scan code questionnaire mode

You can select the scan code questionnaire mode on the questionnaire configuration interface, set the display time and check the identity of the person. The QR code will only appear on the screen of the device when the ticked person is recognized. Click the [Test QR Code] button to instantly generate a QR code for scanning to check the validity.

Questionnaire configuration

Questionnaire: Scan code questionnaire

display time: 45 Seconds

Status:  Stranger  Visitors  Employee

Add Add up to 5 templates

Template name	Operation
123123	
22222222	

Test QR code Cancel Sure

### 3.1.12 Open the door remotely

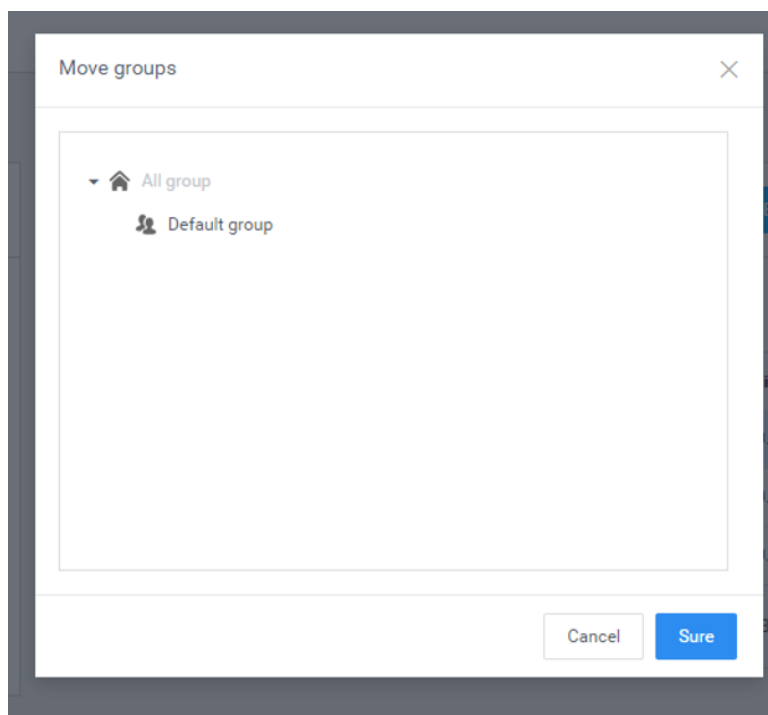
After recording the corresponding device in the [Device List], click the "Remote Open Door" button to open the corresponding gate.

### 3.1.13 Delete

Tick the device to be deleted in the [Device List], and click the "Delete" button to complete the delete operation (single or multiple device operations are supported), only offline device deletion is supported.

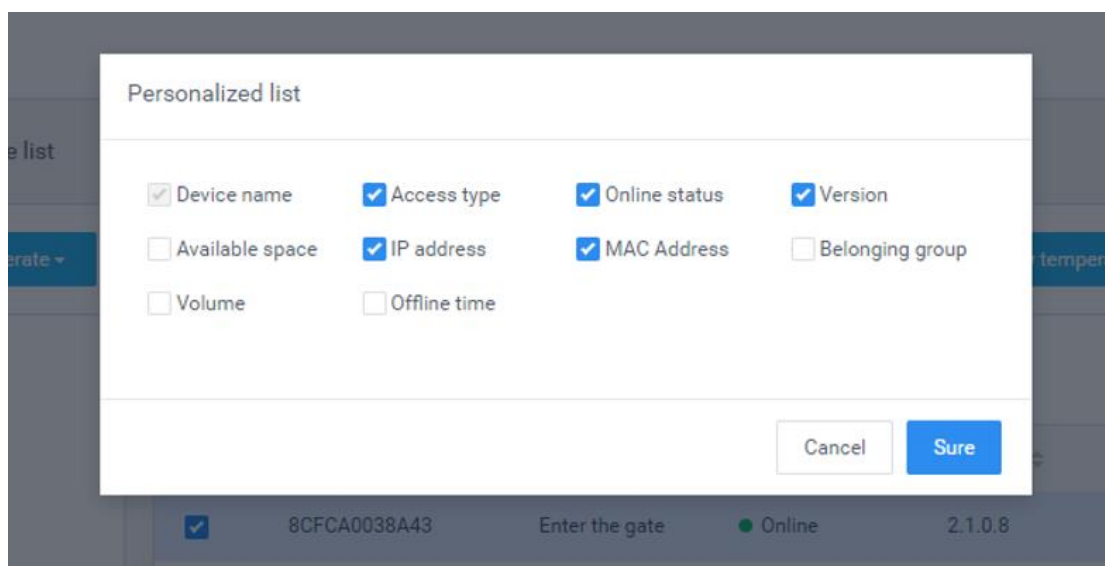
### 3.1.14 Move group

In [Device list], select the devices that require mobile grouping, and click "Mobile Grouping". In the pop-up window, select the target group you want to move to, and you can complete the group move operation after you confirm it. It supports single or multiple device operations.



### 3.1.15 Personalize list

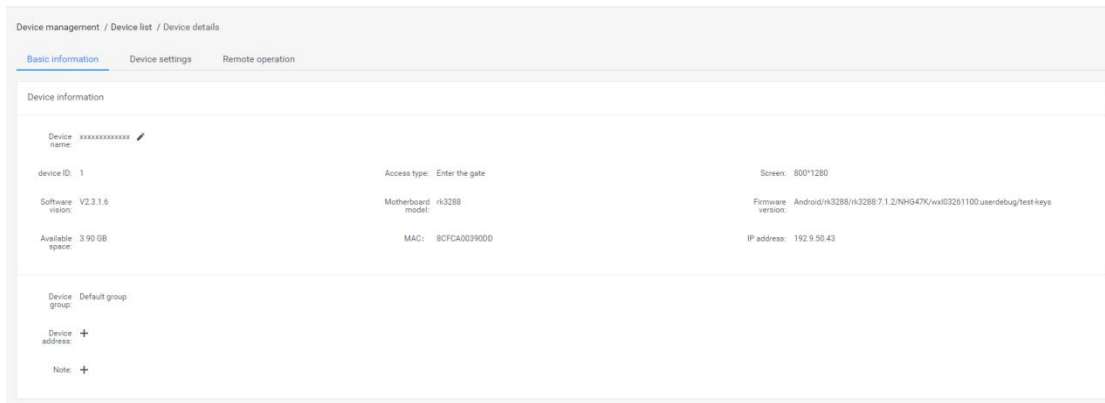
The information displayed in the list can be selected as needed in the Personalize list.



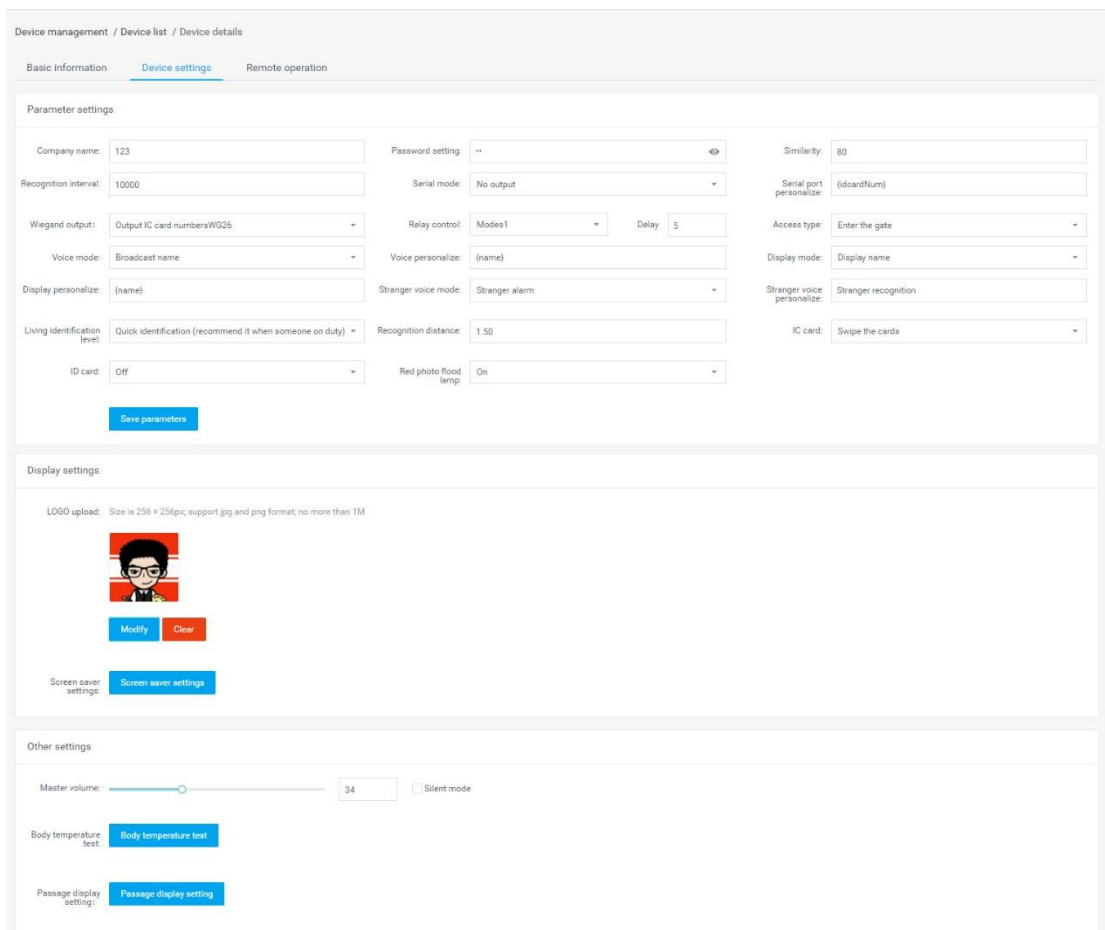
### 3.1.16 Device details

The device details include basic information, device settings, and remote operation.

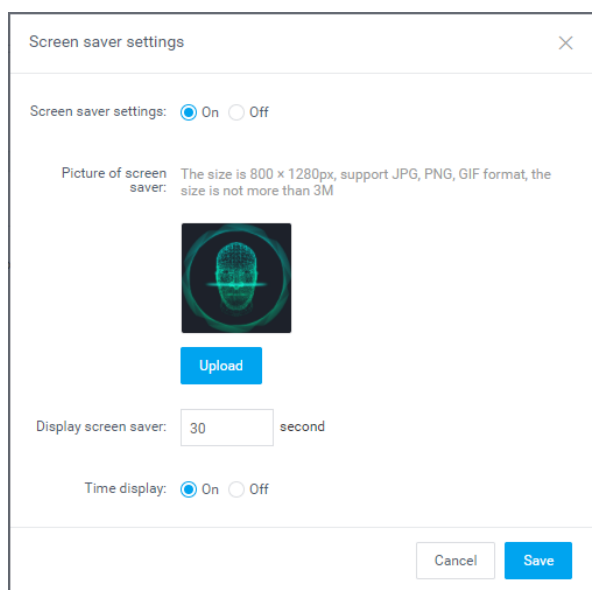
- **Basic information:** View device information, edit device name, device address, etc.



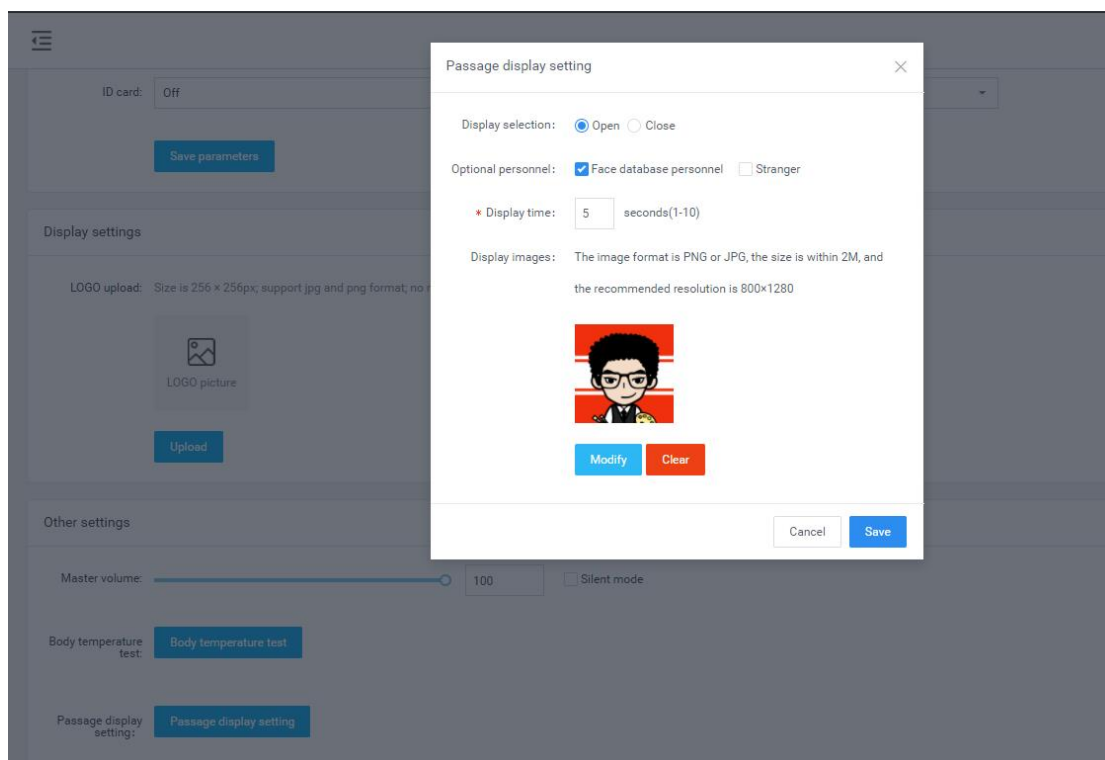
- **Device Settings:** You can view and modify device parameter information, display settings, and other settings.



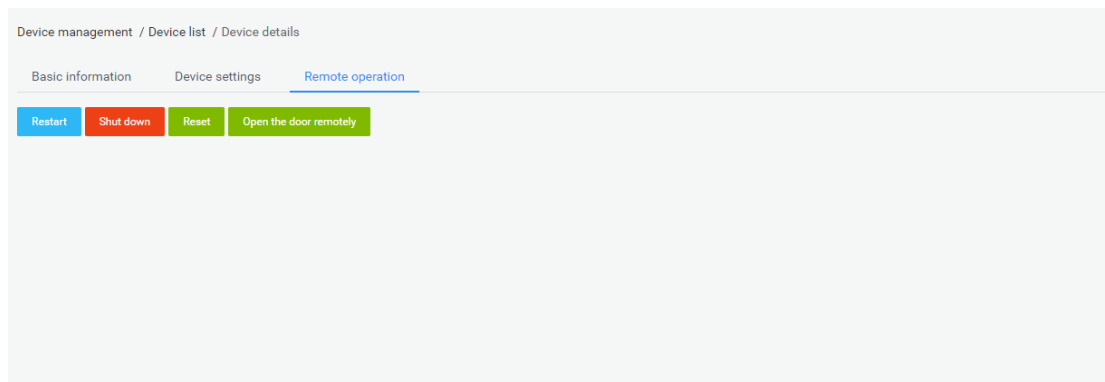
- **Screen-saver Settings:** It can be set to turn on/off the screen saver function, replace and upload custom screen saver pictures, adjust the length of time to enter the screen saver, etc.



- **Pass display settings:** You can set the device to recognize the pass display images. When you enable this function, you can upload the picture, set the person (face database personnel or strangers) to be displayed and the picture display time. After the device recognizes the corresponding person, the uploaded picture will be displayed in full screen.



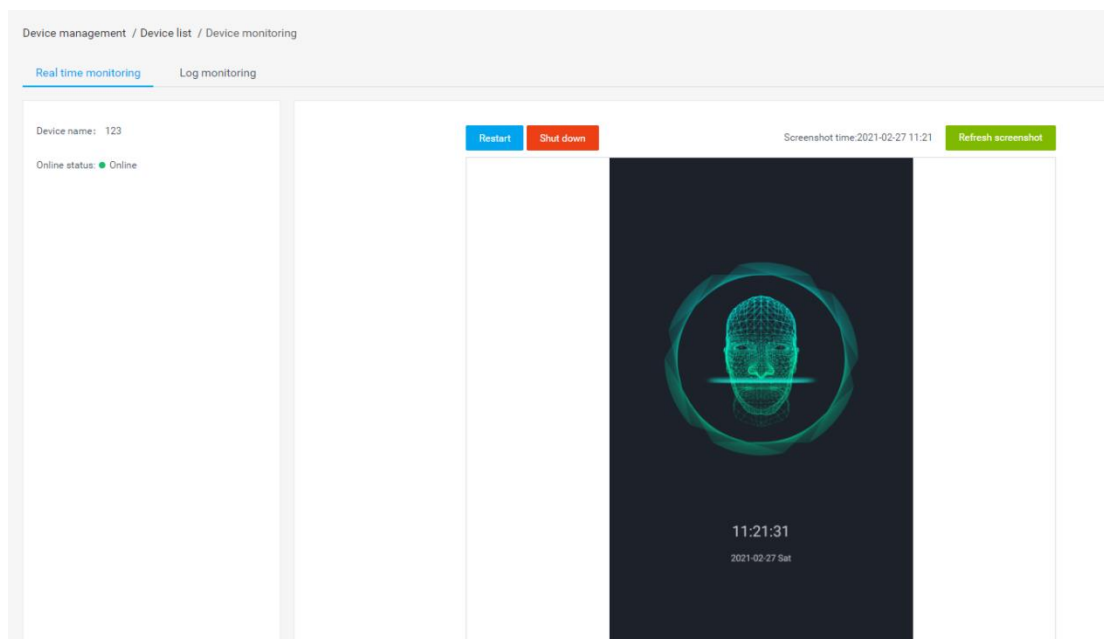
- Remote operation: restart, shutdown, reset and remote door opening.



### 3.1.17 Device monitoring

Device monitoring includes two parts: real-time monitoring and log monitoring.

- Real-time monitoring: You can view the device name and online status, and load and display the current screen of the device. You can also restart and shut down.



- Log monitoring: View related operation logs of the device.

Device management / Device list / Device monitoring

Real time monitoring Log monitoring

Upload log

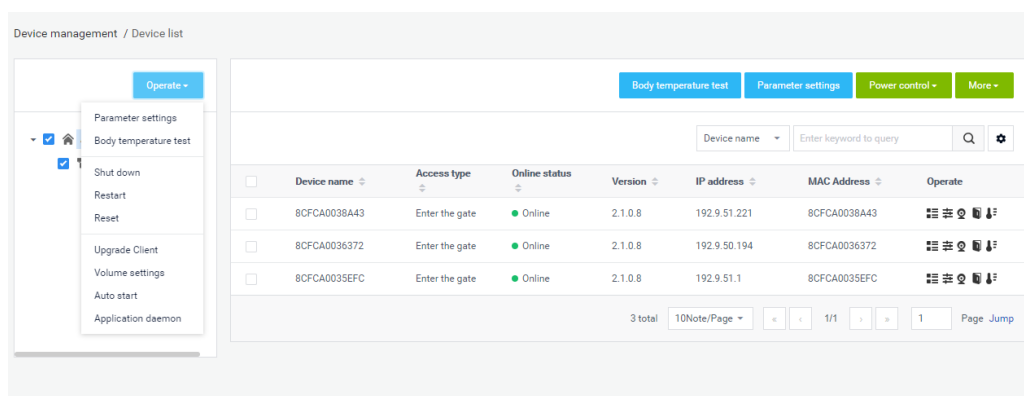
Operation result: All | Operation time: Start date -- end date | Device operate: Q

Operation type	Operation content	Operating time	Operation result	Device reception time
SCREEN_CAPTURE	Terminal screen capture operation	2020-06-03 10:52:03	Succeeded	2020-06-03 10:52:03
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:30	Succeeded	2020-06-03 10:51:30
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:29	Succeeded	2020-06-03 10:51:29
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:28	Succeeded	2020-06-03 10:51:28
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:26	Succeeded	2020-06-03 10:51:26
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:24	Succeeded	2020-06-03 10:51:24
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:23	Succeeded	2020-06-03 10:51:23
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:22	Succeeded	2020-06-03 10:51:22
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:20	Succeeded	2020-06-03 10:51:20
VOLUME_CONTROL	Volume Plan Settings	2020-06-03 10:51:19	Succeeded	2020-06-03 10:51:19

53 total | 10Note/Page | 1/8 | Page Jump

### 3.1.18 Grouping operation in Bulk

Batch operations can be performed in the device group by selecting the device group. It supports parameter setting, shutdown, restart, reset, client upgrade, volume setting, auto start and application daemon for the entire device group, as shown below:



If there is no device under the selected group, a prompt will pop up: there is no device under the selected group, please select again. If there are devices under the selected group, the original settings will be overwritten after the batch setting is prompted.

### 3.1.19 Device grouping management

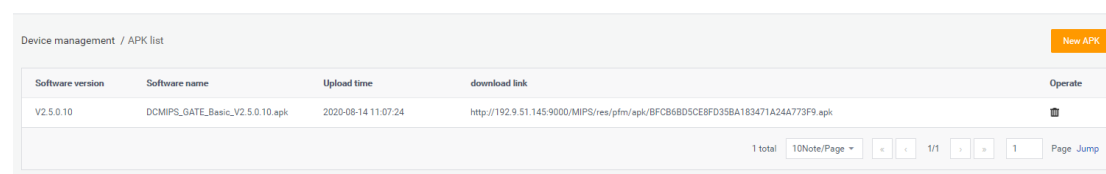
Device grouping uses structure grouping by default. Each user group has a default device group. You can add, modify, and delete device groups on the user group. The operation is similar to the user grouping in [Group structure].

## 3.2 APK list

[APK list] The page contains client software list information and software version upload and delete operations.

### 3.2.1 Delete APK

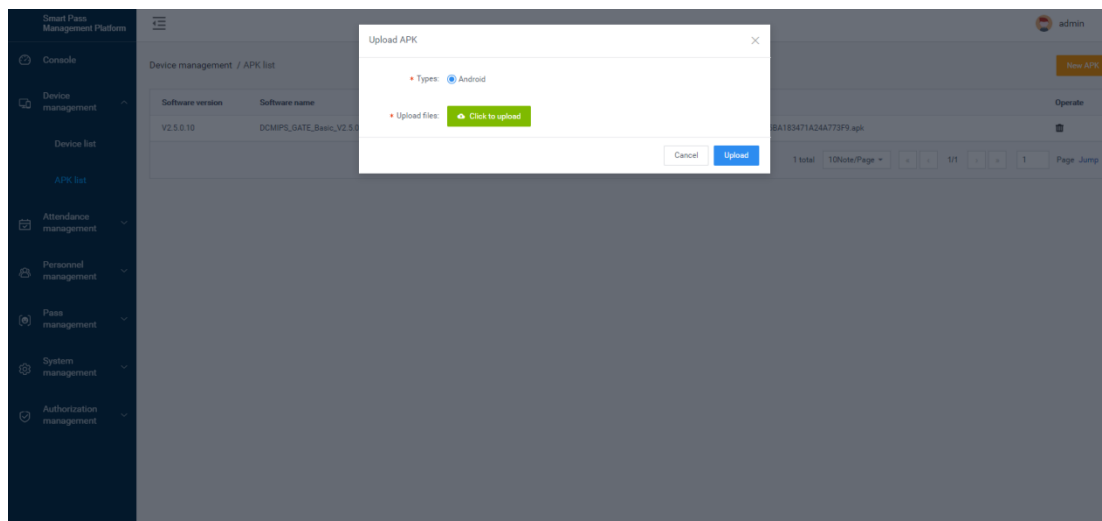
Select the software version to be deleted in the APK list, and click  .





## 3.2.2 New APK

Click **New APK** to open the [Version Upload] page, and upload software files on this page.



# 4. Chapter Four Personnel Management

## 4.1 Employee list

The employee list is used to manage employee information, such as viewing, adding, editing, exporting and searching employee information. Employee information can be added individually or in bulk. The batch adding operation requires information import in bulk first, and then portrait import in bulk.

Personnel management / Employee list

Single addition Add in bulk Export Export portrait

Refresh Shifts: All Associated device group: All Employee ID Enter keyword to query

Portrait photo	Employee ID	Name	Shifts	Associate device groups	Phone number	Email	Creation time	Operate
	44555	顾许强	Day shift	Attendance group	31231111		2021-02-26 10:21:06	
	1	张少华	Day shift	Attendance group	13808830485		2021-02-25 20:58:40	
	2	谢卫良	Day shift	Attendance group	13423701397		2021-02-25 20:58:40	
	3	单乐	Day shift	Attendance group	13510512546		2021-02-25 20:58:40	
	4	周芽英	Day shift	Attendance group	13352912818		2021-02-25 20:58:40	
	5	郑慧红	Day shift	Attendance group	13265567023		2021-02-25 20:58:40	
	7	张远	Day shift	Attendance group	18665389898		2021-02-25 20:58:40	
	8	王宇	Day shift	Attendance group	13823287981		2021-02-25 20:58:40	
	9	温慧娟	Day shift	Attendance group	18675508760		2021-02-25 20:58:40	
	10	邱明雄	Day shift	Attendance group	13827433675		2021-02-25 20:58:40	

122 total 10Note/Page 1/13 Page Jump

### 4.1.1 Add employee information individually

Steps:

- 1) In [Employee list], click the "Single addition" button to enter the employee addition page;
- 2) Fill in the personnel ID, name, gender, belonging group, phone number, ID card number, IC card number, nationality, place of birth, date of birth, contact address and notes. Add a face recognition photo and click "Save" to complete the employee creation operating.

Personnel management / Personnel list / Single addition


\* Personnel ID:  Only supports numbers and in 1 ~ 9 characters

\* Name:  Support Chinese, English, numbers and in 1 ~ 32 characters

Genders:  Please make a selection.

Face recognition portrait:
 

1. Please choose a front-and-bareheaded photo in the past three months, with clear and even-light image.:
2. The recommended size is 640 px \* 480 px, and the size does not exceed 500kb. Only jpg and png file formats are supported.:
3. Faces should account for more than 1/3 of the photo to avoid photo blurring, wearing sunglasses, excessive beauty, head rotation, etc.,

 Portrait photo

\* Belonging group:  Please make a selection.


\* Phone number:  Please enter your phone number, the format is "+ xx-xxxxx" abroad.

Email:  Please input your email

ID number:  Support numbers, letters and in 15 or 18 characters

IC card number:  No more than 64 characters

Native place:  No more than 64 characters

Date of birth:  Please make a selection. 

Contact address:  No more than 128 characters

Note:  No more than 128 characters

## Upload a face recognition photo description

### ➤ Upload from local

Click "Upload from local" to open the local folder, select the jpg and png portrait photos in the folder.

#### Note: Portrait photo specifications

1. Please choose a front-and-bareheaded photo in the past three months, with clear and even-light image.
2. The recommended size is 640 px \* 480 px, and the size does not exceed 500kb. Only jpg and png file are supported.
3. Faces should account for more than 1/3 of the photo, avoiding photo blurring, wearing sunglasses, excessive facial-up, and head rotations.

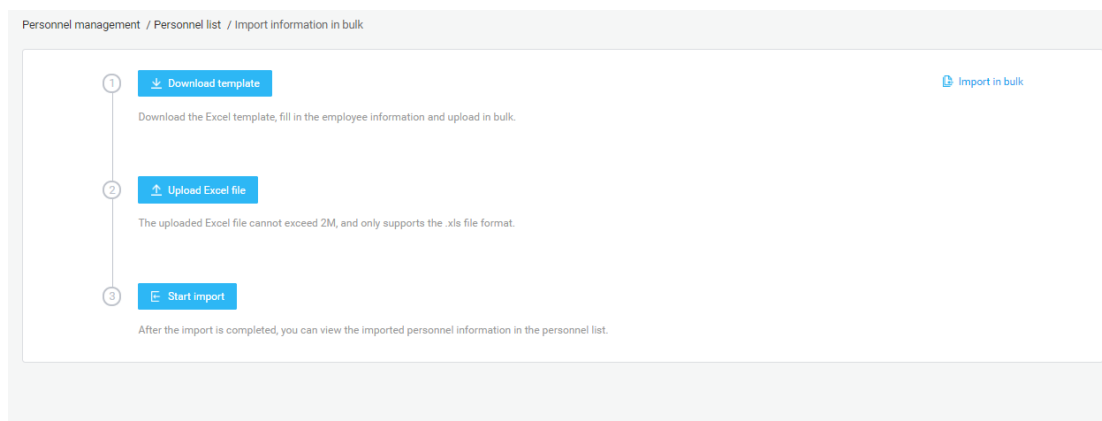
### ➤ Register from device

Click "Register from Device" to open the Select Device window and select an online device. Once determined, the device will enter the photo state. After the photo is taken and verified, the photo will be sent back here from the client.

## 4.1.2 Import employee information in bulk

Steps: In the [Employee list], click the "Add in Bulk - Information Import in Bulk" button.

- 1) First step, click "Download Template". Download the excel template file to your computer with the file name "Personnel\_import\_template.xls". Then fill in the employee information in bulk.
- 2) In the second step, click "Upload excel file". Select the excel file with the employee information filled in and upload it. If the file is uploaded successfully, the upload success status and file name will be displayed.
- 3) In the third step, click "Start import". During the import, there will be a progress bar showing "Importing personnel information (1 / total number of people)". After the import is completed, it prompts "Successful batch import of personnel information". After the import is completed, return to the [Person List] to view the imported personnel information.



### Description of import method

- Import without overwriting: When importing a file two or more times, duplicate employees are not imported. And the system will prompt abnormal duplicate information.
- Overwrite import: The second import will overwrite the information of the employee that was imported for the first time without prompting for duplicate information.

### Description of import failure exception

- The content or format of the uploaded excel file is incorrect and does not meet the template specifications. Click to start the import, and a prompt will appear: "The file content or format is incorrect. Please fill in the employee information according to the template requirements.
- A field in the employee is malformed or should not be duplicated. After the import fails, the reason for the failure will be notified in a table. After modification, you can re-import.

### 4.1.3 Import portrait photos in bulk

Steps: In the [Employee list], click the "Add in bulk - Portrait import in bulk".

- 1) Step 1, click "Zip file selection" to open the Select Folder window and select the file upload. After the file upload is successful, the current file storage path is displayed.
- 2) Step 2, click "Start Import", and a progress bar will be displayed during the import: the number of imported files / the total number of folders. And there will be a prompt message: x sheets have been successfully imported, x sheets failed. After the import is complete, the progress bar displays: The portrait photos in this folder have been imported.

The screenshot shows the 'Import in bulk' interface. At the top, it says 'Personnel management / Personnel list / Import in bulk'. Below this is a section titled 'Portrait import rules:' with three numbered points:

1. [Portrait file naming] The naming of the portrait file needs to correspond to the personnel ID. After the upload is successful, the corresponding person portrait information can be viewed in the person list.
2. [Format size limitation] Only supports zip files, and the size of each portrait file must not exceed 500K. Files that do not meet the requirements will not be imported.
3. [Portrait Restriction] Faces need to account for more than 1/3 of the photo. Please choose a front-facelless photo in the past three months. The avatar is clear and the light is uniform. Avoid the avatar cannot be used for face recognition.

Below the rules is a process flow diagram with two steps:

- Step 1: A blue button labeled 'Zip file selection' with a folder icon. Below it, the text reads: 'Zip the named portrait photos in a specified folder, then select this zip file for import.'
- Step 2: A blue button labeled 'Start import' with a play icon. Below it, the text reads: 'After importing, you can view the imported portrait information in the personnel list.'

### Description of portrait import rules:

- [Portrait file naming] The naming of the portrait file needs to correspond to the personnel ID. After the upload is successful, the corresponding person portrait information can be viewed in the person list.
- [Format and size] Only two file formats of jpg and png are supported, and the size of each portrait file must not exceed 500k. Files that do not meet the requirements will not be imported.
- [Portrait Restriction] Faces need to account for more than 1/3 of the photo. Please choose a

front-faceless photo in the past three months. The avatar is clear and the light is uniform. Avoid the avatar cannot be used for face recognition.

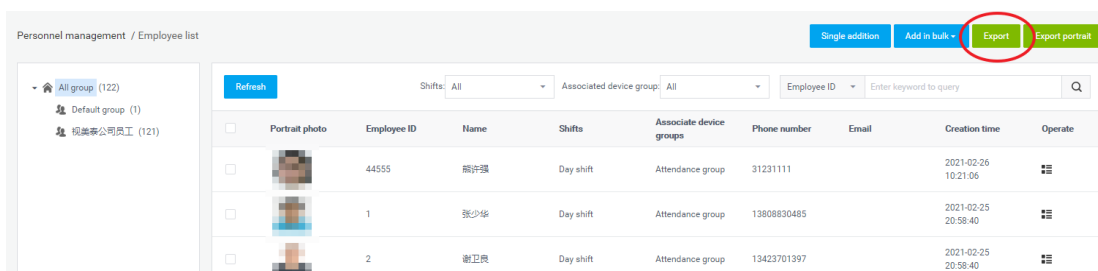
- [Select Folder Upload] After the above conditions are met, place the named portrait photos in the specified folder and select the folder to import.

#### Description of failed portrait import

- If the size of an image file does not meet the requirements, the import will fail. After that, a table will appear to display the information of the portrait file that has not been successfully imported. After modification, you can re-import.

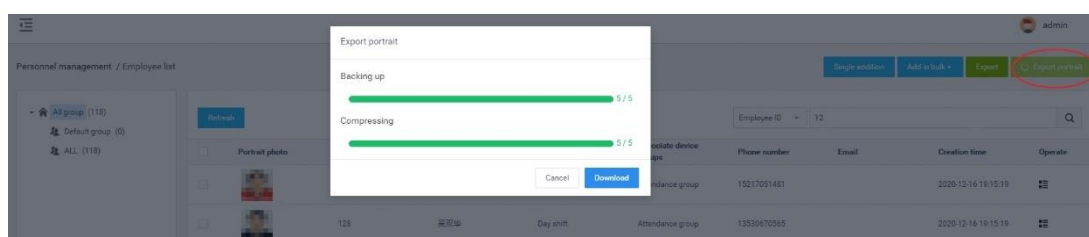
### 4.1.4 Export

Clicking the export button will export the people information table to the local according to the search results currently displayed or the group selected. The exported people information table can be used for import again.



### 4.1.5 Export portrait

Click the export portrait button to export the photos of the corresponding personnel according to the currently displayed search results or the selected group. After the processing interface progress is completed, you can click the download button to download the compressed package containing the photos to the local. The file name of each photo is automatically named after the person's ID, and the exported compressed package can be used again when importing avatars in batches.



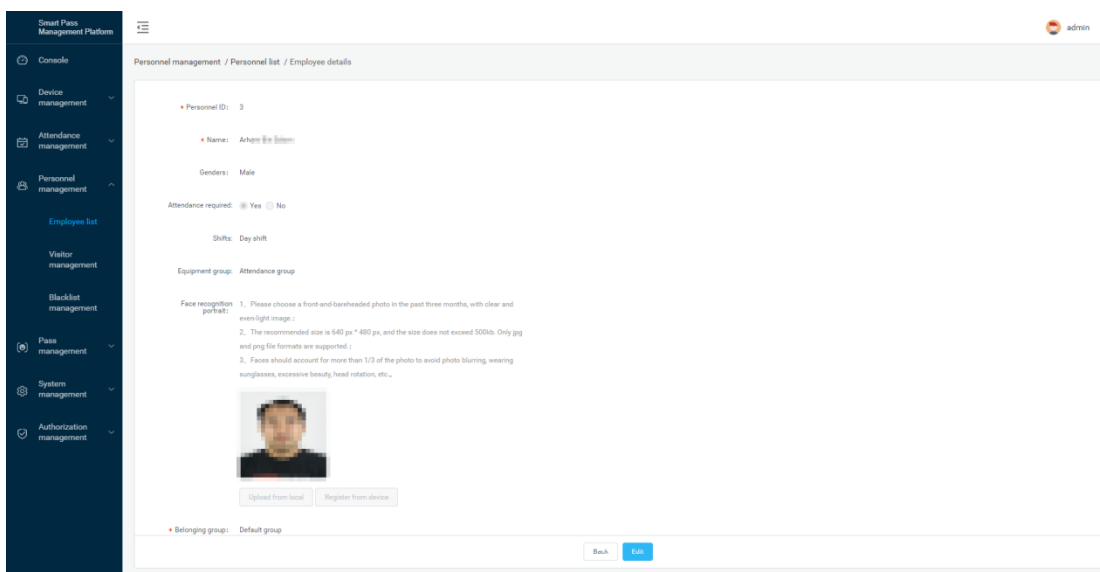
### 4.1.6 Refresh employee information

In [Employee list], click the "Refresh" button to refresh all employee information in the list to the latest state.

### 4.1.7 Staff details and editing

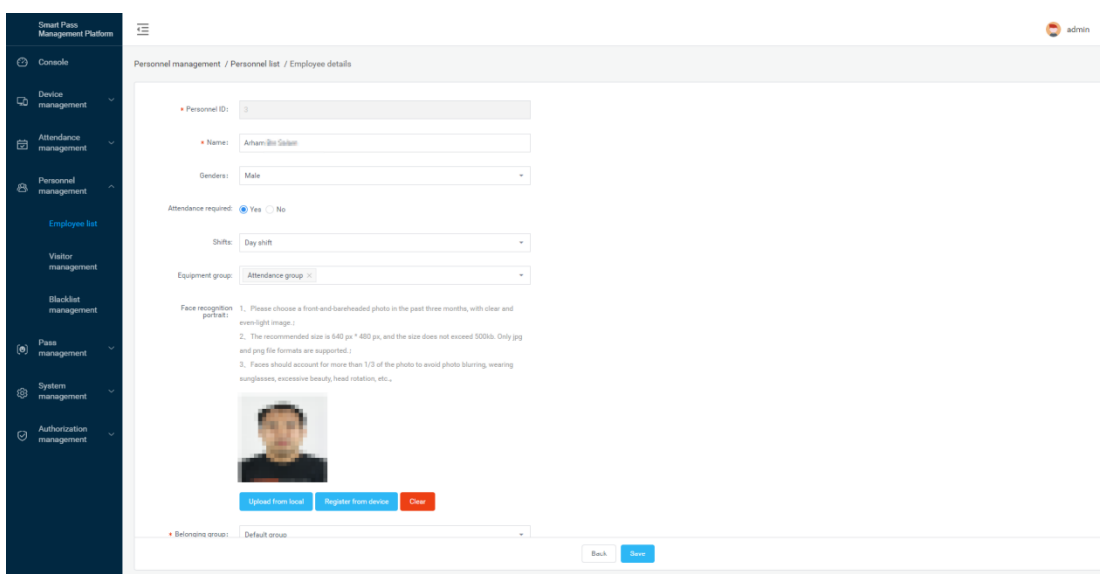
- **Employee details**

In [Employee list], after corresponding employee information, click the "Employee details" button, you can enter the details page to view specific employee information.



● **Employee edit**

On the details page, click the edit button to modify the employee's basic information and photo information. After modifying the information, click Save.



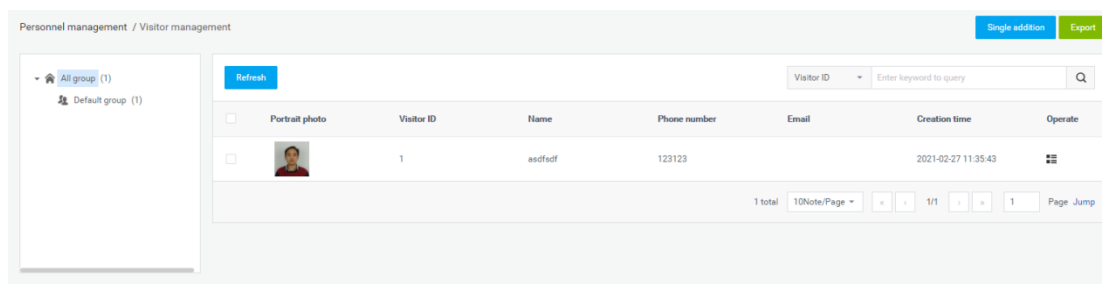
**4.1.8 Employee grouping management**

Employee grouping uses the organizational structure grouping by default. There is a default employee grouping under each user group. You can add, modify, or delete employee groupings on the user group by yourself. The operation is similar to the user grouping in [Group Structure].



## 4.2 Visitor management

Visitor management is used to view, add, edit, export and search visitor information.



### 4.2.1 Add visitor individually

#### Steps:

- 1) In [Visitor Management], click the "Single Add" button to enter the visitor adding page.
- 2) Fill in the visitor ID, name, gender, affiliation group, mobile phone number, ID card number, IC card number, ethnicity, nationality, date of birth, contact address and remarks, add face recognition photos and click "Save" to complete the visitor operating.

Personnel management / Visitor management / Single addition


\* Personnel ID:  Only supports numbers and in 1 – 9 characters

\* Name:  Support Chinese, English, numbers and in 1 – 32 characters

Genders:  Please make a selection.

Face recognition portrait:
 

1. Please choose a front-and-bareheaded photo in the past three months, with clear and even-light image.;
2. The recommended size is 640 px \* 480 px, and the size does not exceed 500kb. Only jpg and png file formats are supported.;
3. Faces should account for more than 1/3 of the photo to avoid photo blurring, wearing sunglasses, excessive beauty, head rotation, etc.,

 Portrait photo

\* Belonging group:  Please make a selection.


\* Phone number:  Please enter your phone number, the format is "+ xx-xxxxx" abroad.

Email:  Please input your email

ID number:  Support numbers, letters and in 15 or 18 characters

IC card number:  No more than 64 characters

Native place:  No more than 64 characters

Date of birth:  Please make a selection. 

Contact address:  No more than 128 characters

Note:  No more than 128 characters

## Upload a face recognition photo description

### ➤ Upload from local

Click "Upload from local" to open the local folder, select the jpg and png portrait photos in the folder.

#### Note: Portrait photo specifications

4. Please choose a front-and-bareheaded photo in the past three months, with clear and even-light image.
5. The recommended size is 640 px \* 480 px, and the size does not exceed 500kb. Only jpg and png file are supported.
6. Faces should account for more than 1/3 of the photo, avoiding photo blurring, wearing sunglasses, excessive facial-up, and head rotations.

### ➤ Register from device

Click "Register from Device" to open the Select Device window and select an online device. Once determined, the device will enter the photo state. After the photo is taken and verified, the photo will be sent back here from the client.

## 4.2.2 Export visitor information

In [Visitor management], click the "Export" button to export all visitor information in the list to the Excel file and download it.

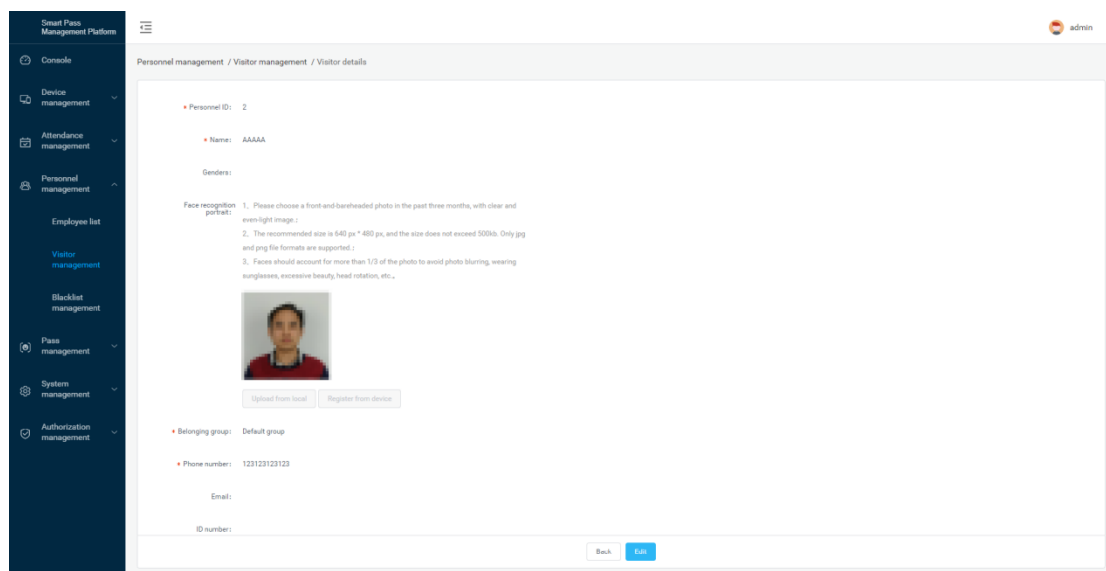
## 4.2.3 Refresh visitor information

In [Visitor management], click the "Refresh" button to refresh all visitor information in the list to the latest state.

## 4.2.4 Visitor details and editing

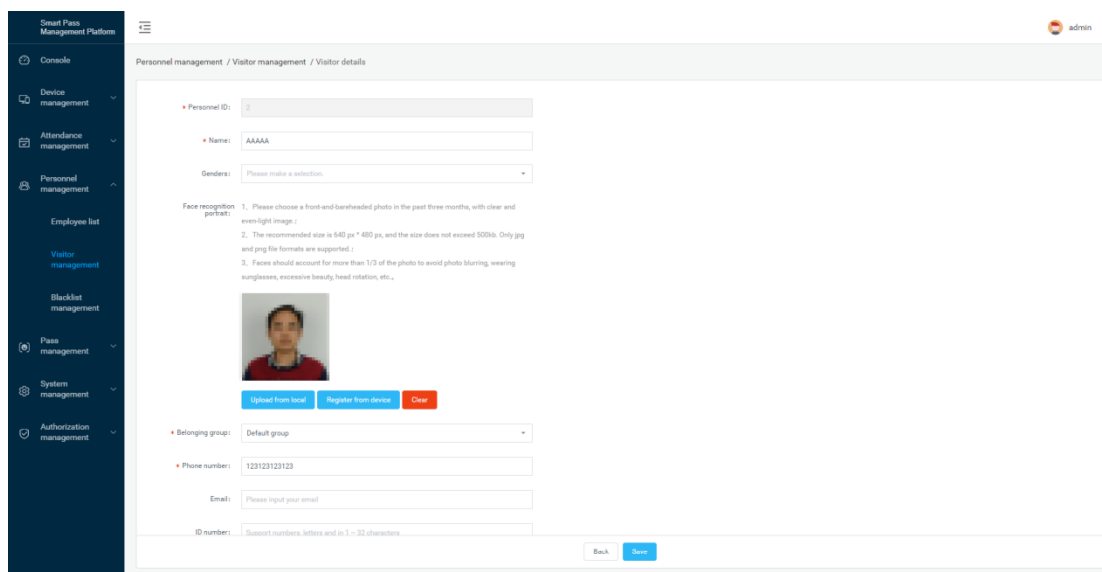
- **Visitor details**

In [Visitor management], after corresponding visitor information, click the "Visitor details" button to enter the details page to view specific visitor information.



- **Visitor edit**

On the details page, click the edit button to modify the visitor's basic information and photo information. After modifying the information, click Save.

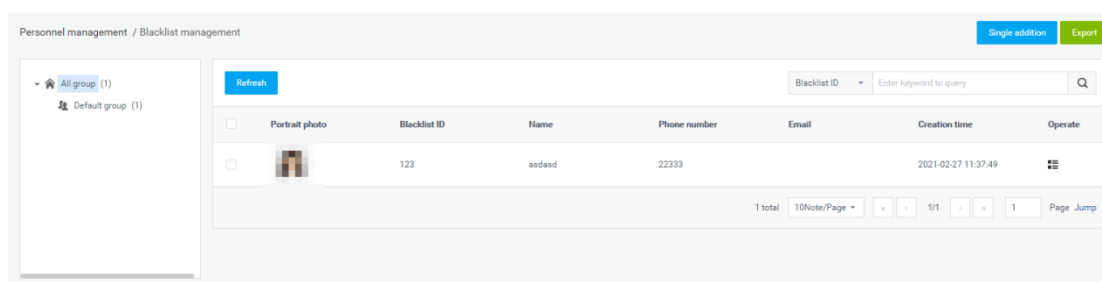


## 4.2.5 Visitor grouping management

Guest grouping uses the organizational structure grouping by default. Each user group has a default guest grouping, which can add, modify, and delete guest groups on the user grouping. The operation is similar to the user grouping in the [Group structure], which is not described in detail.

## 4.3 Blacklist management

Blacklist management is used to view, add, edit, export and search blacklist information.



### 4.3.1 Add blacklist individually

#### Steps:

- 1) In [Blacklist management], click the "Single Add" button to enter the blacklist addition page.
- 2) Fill in the blacklist ID, name, gender, belonging group, phone number, ID card number, IC card

number, ethnicity, birthplace, date of birth, contact address and remarks. Add face recognition photos and click "Save" to complete the blacklist create operation.

Personnel management / Blacklist management / Single addition

\* Personnel ID:  Only supports numbers and in 1 ~ 9 characters

\* Name:  Support Chinese, English, numbers and in 1 ~ 32 characters

Genders:  Please make a selection.

Face recognition portrait:

1. Please choose a front-and-bareheaded photo in the past three months, with clear and even-light image.;
2. The recommended size is 640 px \* 480 px, and the size does not exceed 500kb. Only jpg and png file formats are supported.;
3. Faces should account for more than 1/3 of the photo to avoid photo blurring, wearing sunglasses, excessive beauty, head rotation, etc..

### Upload a face recognition photo description

#### ➤ Upload from local

Click "Upload from local" to open the local folder, select the jpg and png portrait photos in the folder.

**Note: Portrait photo specifications**

7. Please choose a front-and-bareheaded photo in the past three months, with clear and even-light image.
8. The recommended size is 640 px \* 480 px, and the size does not exceed 500kb. Only jpg and png file are supported.
9. Faces should account for more than 1/3 of the photo, avoiding photo blurring, wearing sunglasses, excessive facial-up, and head rotations.

### 4.3.2 Export blacklist

In [Blacklist management], click the "Export" button to export all the blacklist information in the list to the file "Blacklist information.xls" and download it.

### 4.3.3 Refresh blacklist information

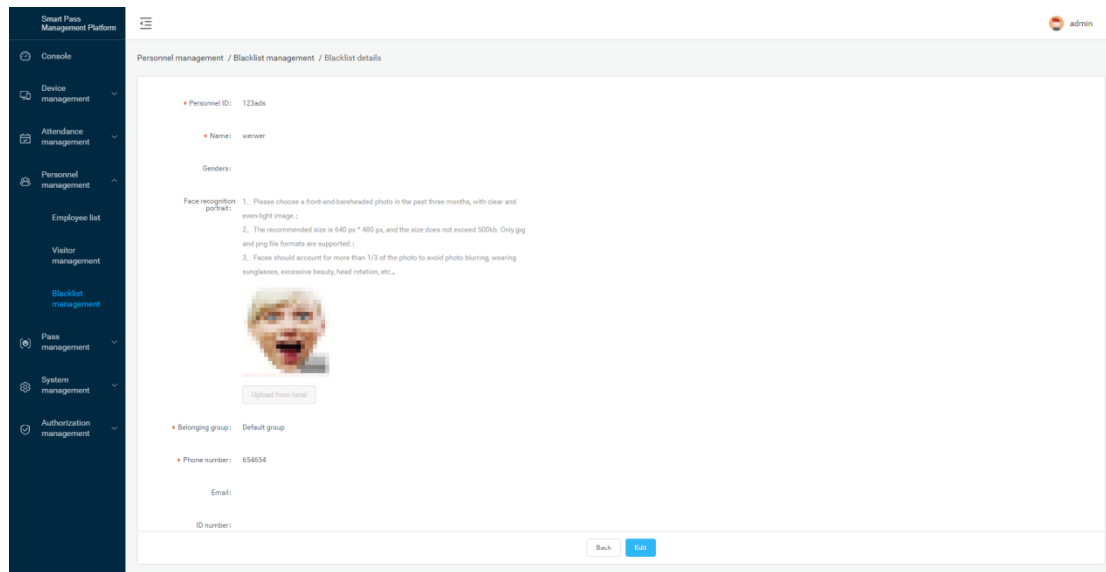
In [Blacklist management], click the "Refresh" button to refresh all the blacklist information in the

list to the latest state.

### 4.3.4 Blacklist details and editing

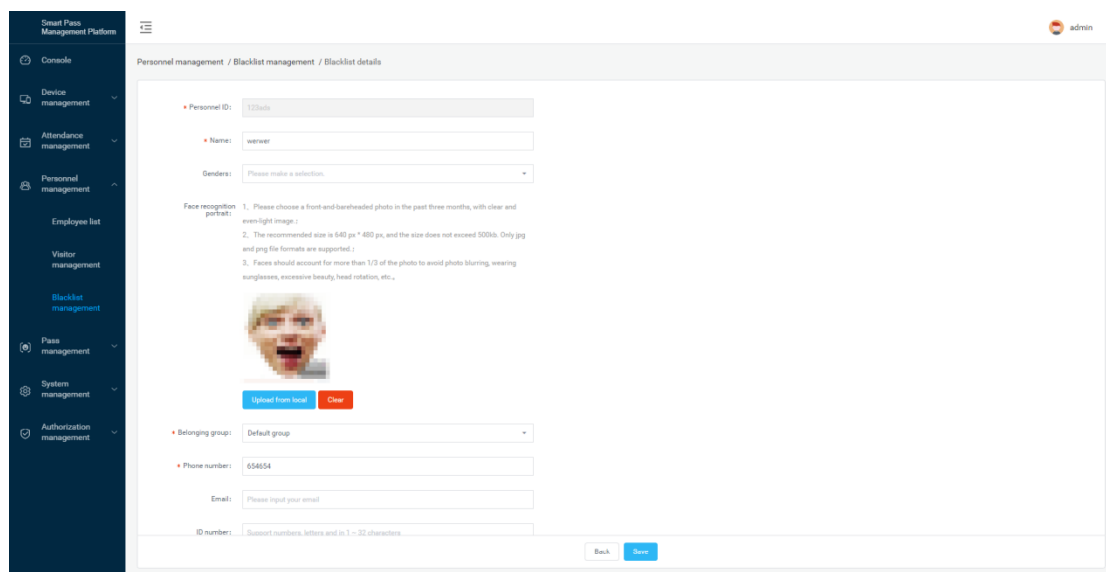
- **Blacklist details**

In [Blacklist management], after corresponding to the blacklist information, click the "Blacklist details" button to enter the details page to view the specific blacklist information.



- **Blacklist edit**

On the details page, click the edit button to modify the basic information and photo information of the blacklist. After modifying the information, click Save.



### **4.3.5 Blacklist grouping management**

The blacklist group uses the organizational structure group by default. Each user group has a default blacklist group. You can add, modify, and delete blacklist groups on the user group. The operation is similar to the user grouping in [Group Structure].

## 5.Chapter Five Pass Management

### 5.1 Pass records

View all the identification records on the device, which can be grouped and filtered by device. The data body temperature value is greater than or equal to 37.3°C(99.14°F) to display red font, less than 37.3°C(99.14°F) to display green font, no temperature data display "none". There are three passage states: normal body temperature, abnormal body temperature and no mask.

Pass management / Pass records

Refresh Export Export records Update settings Delete row

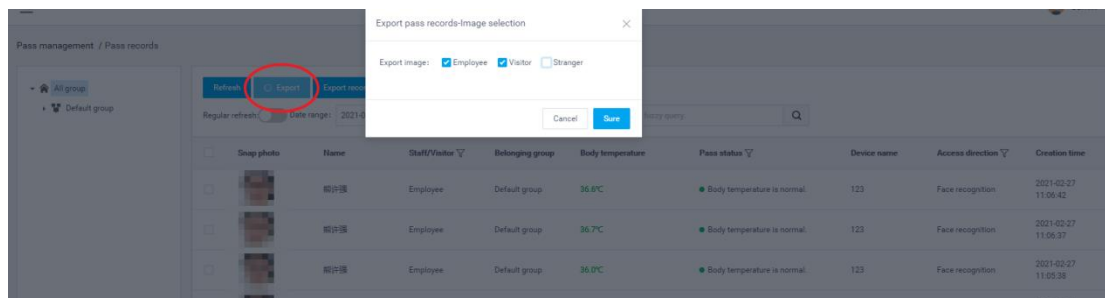
Regular refresh:  Date range: 2021-02-27 - 2021-02-27 Enter name or device name for fuzzy query

<input type="checkbox"/>	Swap photo	Name	Staff/Visitor	Belonging group	Body temperature	Pass status	Device name	Access direction	Creation time
<input type="checkbox"/>		周洋强	Employee	Default group	36.6°C	● Body temperature is normal.	123	Face recognition	2021-02-27 11:06:42
<input type="checkbox"/>		周洋强	Employee	Default group	36.7°C	● Body temperature is normal.	123	Face recognition	2021-02-27 11:06:37
<input type="checkbox"/>		周洋强	Employee	Default group	36.0°C	● Body temperature is normal.	123	Face recognition	2021-02-27 11:05:38
<input type="checkbox"/>		周洋强	Employee	Default group	36.4°C	● Body temperature is normal.	123	Face recognition	2021-02-27 11:05:27
<input type="checkbox"/>		魏斌	Employee	Default group	36.6°C	● Body temperature is normal.	123	Face recognition	2021-02-27 10:00:40
<input type="checkbox"/>		魏斌	Employee	Default group	36.6°C	● Body temperature is normal.	123	Face recognition	2021-02-27 10:00:35
<input type="checkbox"/>		魏斌	Employee	Default group	36.1°C	● Body temperature is normal.	123	Face recognition	2021-02-27 10:00:30
<input type="checkbox"/>		魏斌	Employee	Default group	36.7°C	● Body temperature is normal.	123	Face recognition	2021-02-27 10:00:25
<input type="checkbox"/>		魏斌	Employee	Default group	36.7°C	● Body temperature is normal.	123	Face recognition	2021-02-27 10:00:20
<input type="checkbox"/>		魏斌	Employee	Default group	36.6°C	● Body temperature is normal.	123	Face recognition	2021-02-27 10:00:14

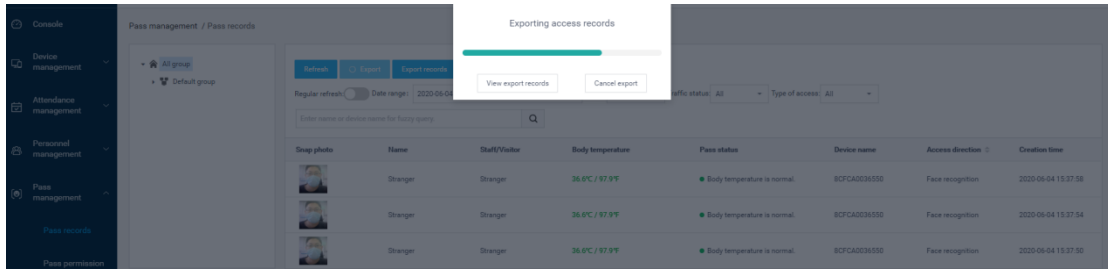
39 total 10Notes/Page 1/4 Page Jump

#### 5.1.1 Export

After filtering the pass records by the filter criteria, you can click the export button to select the photos of the type of personnel you want to export. After the export is completed, all the pass records queried can be exported into excel file and downloaded locally. It is allowed to cancel the export during the export process.



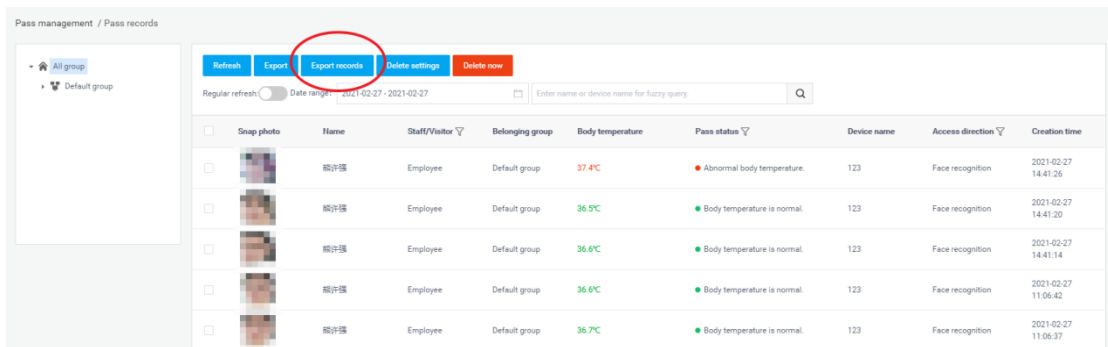




	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Snap photo	Name	Staff/Visitor	Body temp	Pass status	Device name	Access direction	Creation time	Creation time	ID card	IC card	Personnel ID	
2		熊许强	Employee	37.4°C	Abnormal body temperature	123	Face swiping	2021-02-27 14:41:26				44555	
3		熊许强	Employee	36.5°C	Normal body temperature	123	Face swiping	2021-02-27 14:41:20				44555	
4		熊许强	Employee	36.6°C	Normal body temperature	123	Face swiping	2021-02-27 14:41:14				44555	

### 5.1.2 Export records

The system will record the operation of each export pass record and generate an export record. If the export succeeds, the export status will be recorded as "completed", and if the export is canceled, the export status will be recorded as "canceled". The export record in the completed state allows downloading the exported excel file again, and all export records are allowed to be deleted.



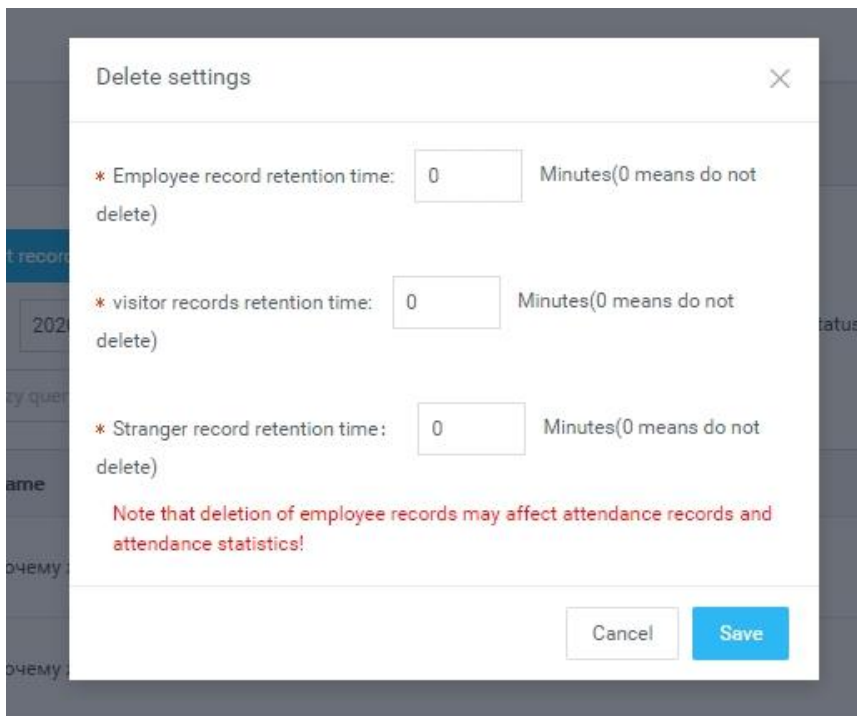
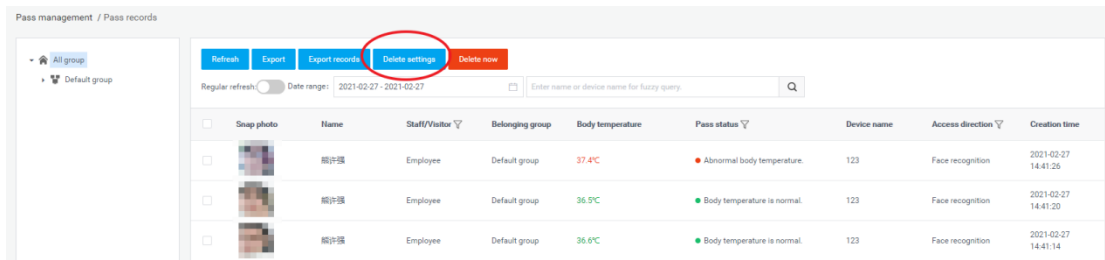
Pass management / Pass records / Export record

Number	Operator	Screening date	Screening identity	Screening access state	Screening access type	Input screening name	Record quantity	Export state	Operation time	Operate
3	admin	2021-02-26-2021-02-27	All	All	All		316	Completed	2021-02-27 15:10:46	
2	admin	2021-02-26-2021-02-26	All	All	All		274	Completed	2021-02-27 15:10:07	
1	admin	2021-02-27-2021-02-27	All	All	All		42	Completed	2021-02-27 14:41:52	

3 total 10/Note/Page 1/1 Page Jump

### 5.1.3 Delete settings

The retention time of records of employees, visitors, and strangers can be set separately. When the default value is 0, the pass record will not be deleted automatically. If the pass record retention period is set to 2, the pass record will be automatically deleted after the creation time exceeds 2 minutes, and the corresponding pass record in the client will also be deleted synchronously. The adjustable range is 0~525600 minutes.



### 5.1.4 Immediately delete

All deletion records of strangers, visitors, and employees within a certain time range can be set in the interface. If you choose to check "employee" and "submit half a year ago", all employees' pass records other than 180 days from the date of operation (including that date) will be deleted. You can also manually delete one month ago (30 days), three months ago (90 days), one year ago (365 days), select "All" to delete all the pass records of this type of personnel in the background.

The screenshot shows the 'Pass records' management interface. At the top, there are buttons for 'Refresh', 'Export', 'Export records', 'Delete settings', and 'Delete now' (highlighted with a red circle). Below these buttons is a search bar and a table of pass records. The table has columns for 'Snap photo', 'Name', 'Staff/Visitor', 'Belonging group', 'Body temperature', 'Pass status', 'Device name', 'Access direction', and 'Creation time'. Three records are visible, all for 'Employee' in the 'Default group'. The first record has an abnormal body temperature of 37.4°C, while the other two are normal (36.5°C and 36.6°C).

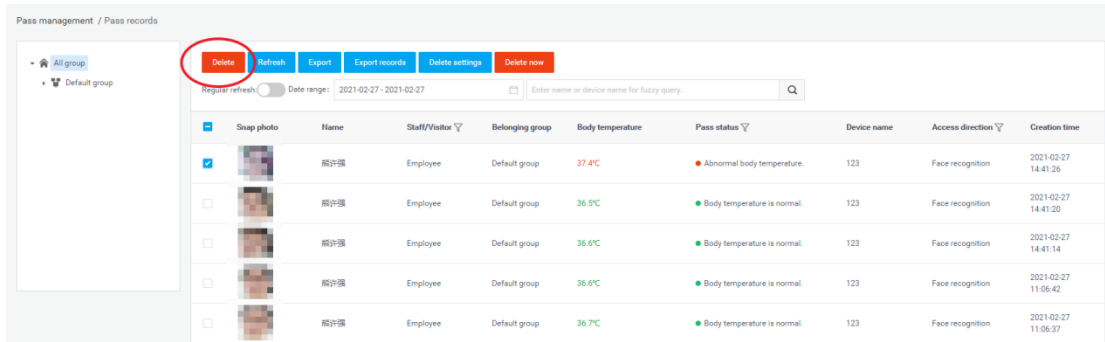
A 'Delete now' dialog box is overlaid on the interface. It contains the following options:

- Personnel selection:**  Stranger,  Visitor,  Employee
- Time selection:**  A month ago,  Three months ago,  Half year ago,  A year ago,  All

A red warning message states: "Note that deletion of employee records may affect attendance records and attendance statistics!". At the bottom of the dialog are 'Cancel' and 'Sure' buttons.

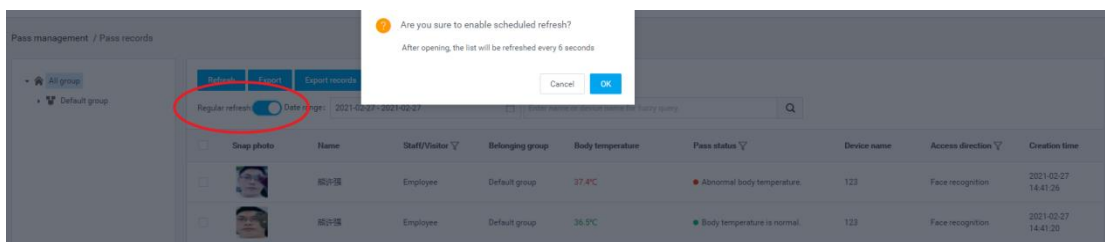
### 5.1.5 Delete in batches

After one or more pass records are checked, the delete button will appear at the top. After clicking delete to confirm submission, the checked background pass records can be deleted immediately. When the pass records are not checked, the delete button will not be displayed.



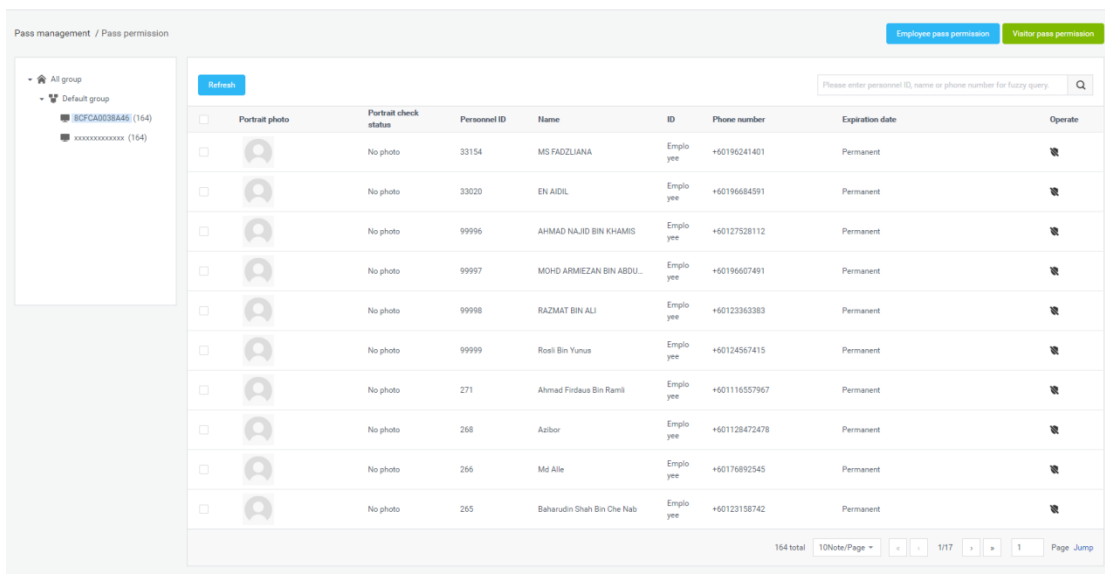
### 5.1.6 Timing refresh

After the timing refresh button is turned on, the pass record page will be automatically refreshed every 6 seconds to display the newly generated pass record data. When you leave this page manually and then return, the switch button will remain the open state.



## 5.2 Pass permission

Manage the access rights of added employees and visitors.



## 5.2.1 Employee pass permission settings

Steps: Enter the [Pass permission] page and click the "Employee Access Authorization" button.

- **Pass permission**

- 1) Select personnel, devices, pass permission and permanent effective time, and click "Save" button to start pass permission. After the device is successfully authorized, the person can pass the gate and the validity period is permanent.
- 2) Select personnel, devices, pass permission and temporary effective time, and click "Save" button to start pass permission. After the device is successfully authorized, the person can pass through the gate within the time range set by the validity period. If the validity period is exceeded, the recognition fails.

The screenshot displays a three-step process for setting pass permissions:

- Step one: Employees selection**: A table with columns for EmployeeID, Name, Phone number, and Creation time. One employee, Jack (ID: 166), is selected. The interface includes a 'Clear the list' button and pagination controls.
- Step two: Device Selection**: Two panels are shown. The 'Alternative devices list' contains 'All group', 'Default group', and a selected device '8CFCA00363B6'. The 'Selected device list' contains the same device ID. Buttons for '< Remove' and 'Add >' are present.
- Step three: Permission status selection**: Radio buttons for 'Pass permission' (selected) and 'Revoke permission'. Below, there are radio buttons for 'Permanent' (selected), 'Period selection', and 'Cycle'.

At the bottom right, there are 'Cancel' and 'Save' buttons.

### Description of Pass permission:

- **Click the Save button to start the pass permission. Present the current synchronization status, authorization progress, number of successes and failures of each device in the form of a list, and display device names.**
- **The person who failed the authorization is recorded in the "Verification Failure Description" table. You can click "Export Settings Failed Number" to export and view**

**the authorization failure information.**

- **The person who fails the authorization, after modifying the corresponding failure information, can re-authorize until the authorization is successful.**

Pass management / Permission records / Permission details Export failed personnel information

Time: 2020-04-08 11:08:46      Type: Employee permission      Operator: admin

Device name	Permission progress		Number of failures	Number of successes
8CFCA0035EFC	<div style="width: 100%; height: 10px; background-color: green;"></div> 121/121		2	119
8CFCA0036372	<div style="width: 100%; height: 10px; background-color: green;"></div> 121/121		2	119
8CFCA0038A43	<div style="width: 100%; height: 10px; background-color: green;"></div> 121/121		2	119

- **Revoke pass permission**

Select a person, select a device, de-authorize, and click the "Save" button to start revoking the permission. The de-authorization is the same as the "pass permission" logic, except that the selected person is removed from the selected device.

## 5.2.2 Visitor pass permission settings

Steps: On the [Pass permission] page, click the "Visitor pass permission" button.

- **Pass permission**

Select the visitor, select the device, pass permission and valid time range, and click the "Save" button to start the pass permission. After successful authorization on the device side, the visitor can pass the gate to be valid within the set effective time range.

Pass management / Pass permission / Visitor pass permission

Step one: **Visitor selection**

<input type="checkbox"/>	VisitorID	Name	Phone number	Creation time
No Data				

Step two: Device Selection

Alternative devices list 0/3

- All group
- Default group

Selected device list 0/0

Step three: Permission status selection

Pass permission ⓘ
  Revoke permission ⓘ

Start time: 2020-04-08  00:00

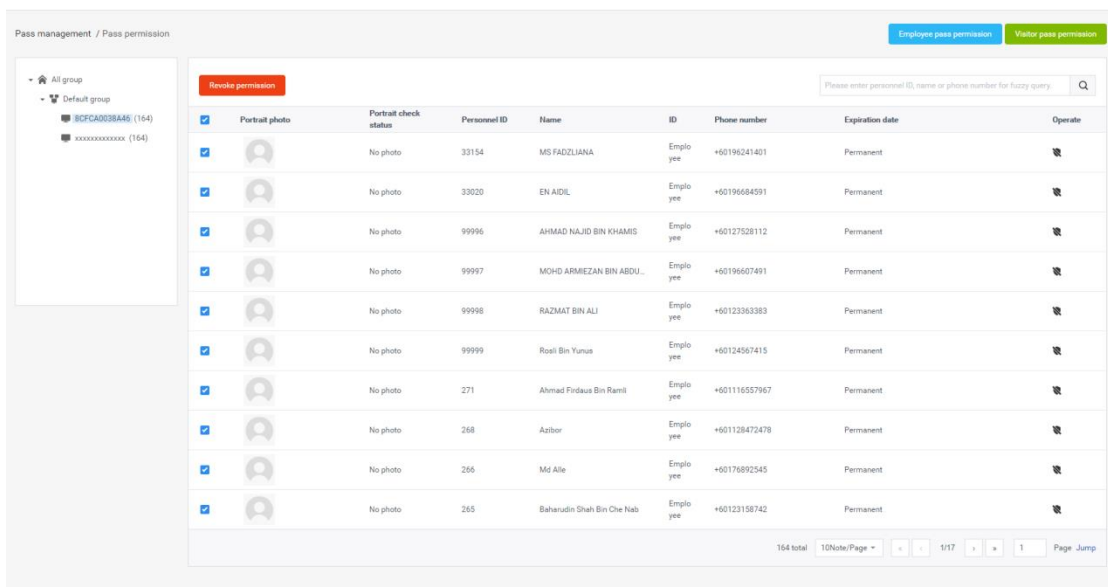
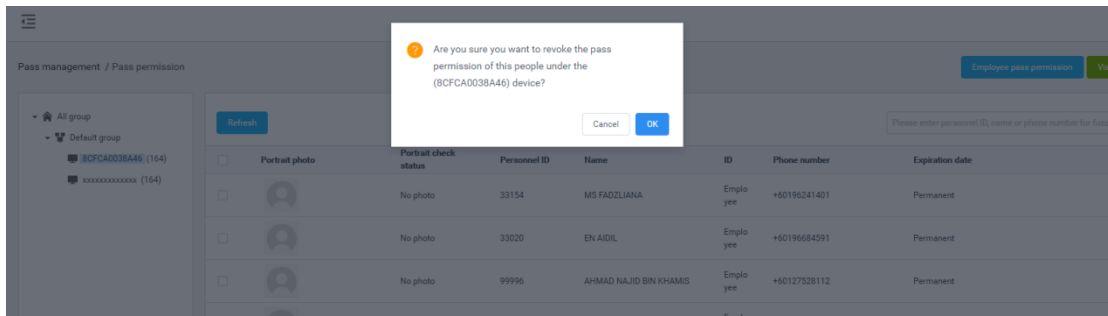
End time: 2020-04-08  23:59

### Description of pass permission:

- **Click the Save button to start the pass permission. Present the current synchronization status of each device in the form of a list, showing the device name, synchronization pass permission, number of successful and failed. The person who failed the permission is recorded in the "Verification Failure Description" table. You can click "Export Settings Failed Number" to export and view the permission failure information.**
- **Visitors who have failed authorization can revise the authorization after revising the corresponding failure information until the authorization is successful.**
- **Revoke pass permission**  
 Select personnel and equipment, and revoke the permission. Click the "Save" button to start. Revoke permission is the same as "Pass permission", except that the reassigned personnel are removed from the original equipment.

### 5.2.3 Revoke permission

In the authorized personnel list, you can click the "Revoke permission" button behind the list record to release the authorization. After the removal is successful, the corresponding employees and visitors will have no pass permissions. You can also check personnel records and click "Remove permissions" for batch operations.



### 5.2.4 Refresh permission information

On the [Pass permission] page, click the "Refresh" button to refresh all authorized information in the list to the latest state.



## 5.3 Blacklist monitoring

### 5.3.1 Blacklist monitoring settings

Steps: Enter the [Blacklist monitoring] page and click the "Blacklist monitoring settings" button.

- **Blacklist monitoring settings**

- 1) Select the blacklist and device and snap to report. Click the "Save" button to start the blacklist monitoring. After the device is successfully monitored, the person will be recognized and captured when reporting through the gate.
- 2) Select the blacklist and device, choose to enable the snapshot report function, and enable the alarm sound. Click the "Save" button to start the blacklist monitoring. After the device is successfully monitored, the person will be identified through the gate, snapped to report and emit an alarm sound.

Pass management / Blacklist monitoring / Blacklist monitoring settings

Step one: **Blacklist selection**

<input type="checkbox"/>	BlacklistID	Name	Phone number	Creation time
No Data				

Step two: Device Selection

Alternative devices list 0/3

- All group
- Default group
  - 8CFCA0038A43
  - 8CFCA0036372
  - 8CFCA0035EFC

< Remove

Add >

Selected device list 0/0

Step three: Monitoring settings

Snapshot report ⓘ  
 Snapshot report and turn on alarm sound. ⓘ  
 Revoke blacklist monitoring ⓘ

#### Description of Pass permission:

- **Click the Sure to start the blacklist monitoring. Present the current synchronization status of each device**

in the form of a list, display the device name, synchronization monitoring progress, the number of successful and the number of failed. The monitoring failures are recorded in the "Export Blacklist Monitoring Failure Information" table. You can click the export table to view the monitoring failure information.

➤ **Blacklist personnel who failed to monitor, after modifying the corresponding failure information, can re-monitor the settings until the monitoring registration is successful.**

- **Revoke blacklist monitoring**

Select blacklist and device, and release blacklist monitoring. Click the "Save" button to start the release.

### 5.3.2 Identification record query

Enter the [Blacklist monitoring] page, click the "Identify Record Inquiry" button to enter the [Identify record inquiry] page, and display the identification records of all blacklist personnel. Blacklist identification records can be selected according to grouping, device, and date range inquiries.

Pass management / Blacklist monitoring / Identification records query

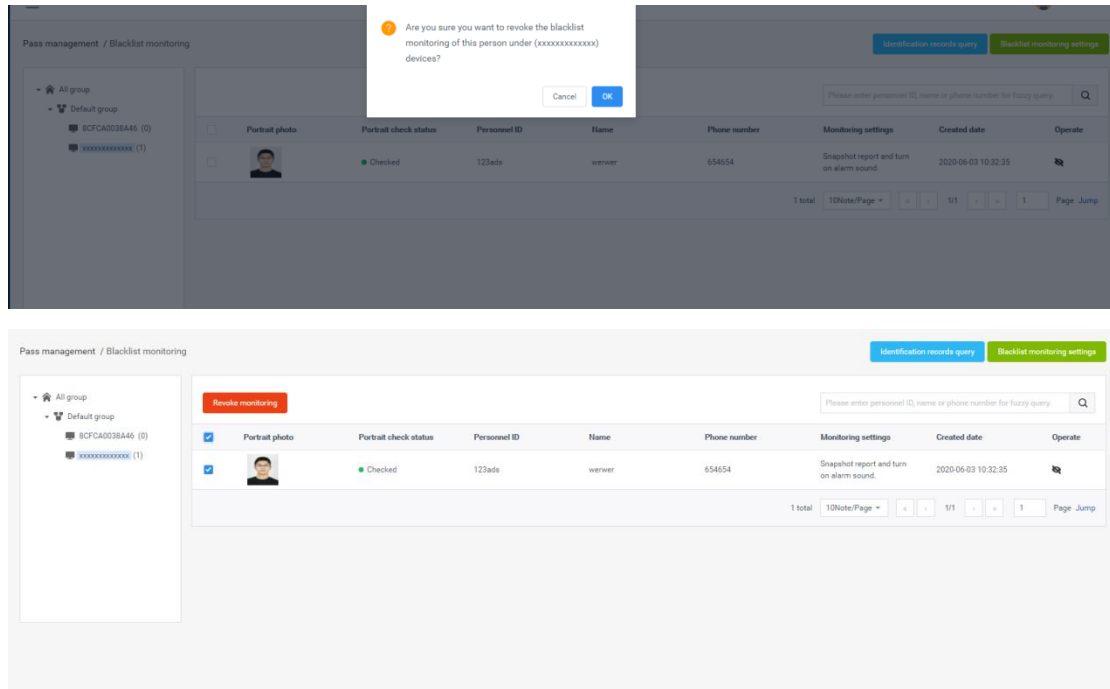
Date: 2020-06-03  Please enter personnel ID, name or phone number for fuzzy query

Portrait photo	Personnel ID	Name	Phone number	Monitoring settings	Date recognition
	123ads	werwer	654654	Snapshot report and turn on alarm sound.	2020-06-03 11:19:03
	123ads	werwer	654654	Snapshot report and turn on alarm sound.	2020-06-03 11:18:59
	123ads	werwer	654654	Snapshot report and turn on alarm sound.	2020-06-03 11:18:55
	123ads	werwer	654654	Snapshot report and turn on alarm sound.	2020-06-03 11:18:51
	123ads	werwer	654654	Snapshot report and turn on alarm sound.	2020-06-03 11:18:28
	123ads	werwer	654654	Snapshot report and turn on alarm sound.	2020-06-03 11:18:20
	123ads	werwer	654654	Snapshot report and turn on alarm sound.	2020-06-03 11:18:09
	123ads	werwer	654654	Snapshot report and turn on alarm sound.	2020-06-03 11:18:01

8 total 10Notes/Page:  1/1  Page Jump

### 5.3.3 Remove monitoring

In the blacklist monitoring personnel list, you can click the "remove monitoring" button behind the list record to release monitoring. After the removal is successful, the blacklist removes the snapshot monitoring or alarm from the selected device. You can also check the personnel record and click "remove monitoring" to perform batch operations.



## 5.4 Permission records

[Permission records] The module contains the information records of the "Permission" and "Remove permission" of employees and visitors, as well as the blacklist monitoring and contact monitoring setting operations. You can enter the list to view the details of related records.

Serial number	Operator	Types	Status	Time	Operate
23	admin	Visitor permission	Sync complete	2020-04-08 16:03:28	⋮
22	admin	Blacklist monitoring	Sync complete	2020-04-08 16:03:18	⋮
21	admin	Employee permission	Sync complete	2020-04-08 16:00:24	⋮
18	admin	Employee permission	Sync complete	2020-04-08 15:35:32	⋮
17	admin	Blacklist monitoring	Sync complete	2020-04-08 14:54:50	⋮
16	admin	Visitor permission	Sync complete	2020-04-08 14:44:00	⋮
15	admin	Blacklist monitoring	Sync complete	2020-04-08 14:39:55	⋮
14	admin	Employee permission	Sync complete	2020-04-08 14:39:20	⋮
13	admin	Employee permission	Sync complete	2020-04-08 14:16:47	⋮
12	admin	Employee permission	Sync complete	2020-04-08 14:16:05	⋮

Permission details are as follow:

Device name	Permission progress	Number of failures	Number of successes
8CFC A0035EFC	2/2	0	2
8CFC A0036372	2/2	0	2
8CFC A0038A43	2/2	0	2

## 5.5 Questionnaire records

[Questionnaire record] module includes the screen questionnaire mode and the scan code questionnaire mode. After turning on, you can click the [Export] button to download the questionnaire record form uploaded to the background and save it locally. The questionnaire details icon in [Operation] can view the specific question, answer and signature of the questionnaire in this record. You can click the pass record icon in [Operation] to jump to the corresponding pass record page.

Pass management / Questionnaire records

Refresh Export Date range: 2020-11-06 - 2020-11-06 Status: All Enter name fuzzy query

<input type="checkbox"/>	Name	Staff/Visitor	Belonging group	Date	Status	Operate
<input type="checkbox"/>	陌生人	Stranger	Default group	2020-11-06 17:17:44		⋮ ⓧ
<input type="checkbox"/>	Почему же	Employee	Default group	2020-11-06 15:29:21		⋮ ⓧ
<input type="checkbox"/>	陌生人	Stranger	Default group	2020-11-06 15:28:40		⋮ ⓧ
<input type="checkbox"/>	Почему же	Employee	Default group	2020-11-06 15:27:35	Proper	⋮ ⓧ
<input type="checkbox"/>	Почему же	Employee	Default group	2020-11-06 15:26:38		⋮ ⓧ

5 total 10Note/Page 1/1 Page Jump

## 6.Chapter Six System Management

### 6.1 Group structure

[Group structure] The module is used to manage the group structure and enterprise user information management in the enterprise. The hierarchical relationship is created and managed by admin or enterprise administrator.

System management / Organization structure

New user

Enter user name for fuzzy query

Username	Belonging group	Role types	Recent login	Operate
caojian01	Default user group	User	2020-04-08 18:15:44	⋮ ⓧ
caojian	Default user group	Group manager	2020-04-08 18:41:11	⋮ ⓧ

2 total 10Note/Page 1/1 Page Jump

#### 6.1.1 Attribution of business data

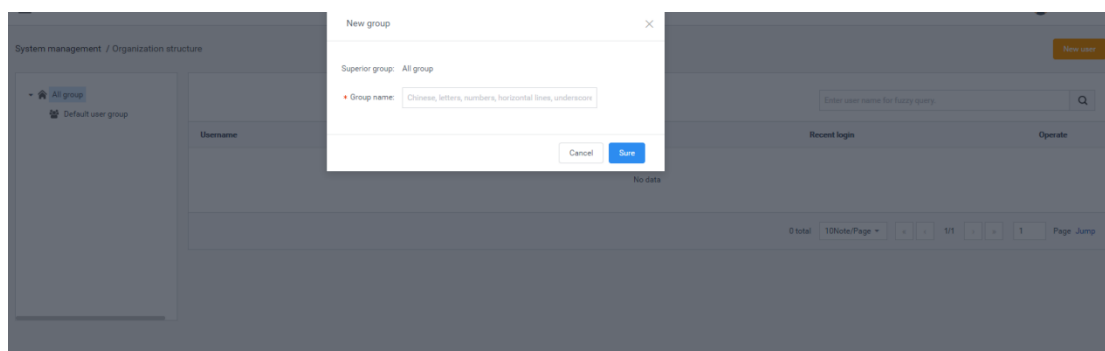
- Various business data generated by enterprise users will only be stored under the group structure group in the enterprise where they belong, and all business modules in the enterprise are grouped using the same group structure.
- In the same enterprise organization structure, users at a high level can access business data in a low-level structure. Conversely, low-level users cannot access high-level business data,

and other companies cannot access these data.

- In the same enterprise group structure, business data between groups is visible within the group.
- An enterprise administrator can manage all business data in the organization structure of the enterprise, but cannot access data of other enterprises.

## 6.1.2 Group management

- Create a group: select a group and click **+** to enter the [New Group] page. On this page, you only need to fill in the group name and save it.
- **Modify and delete operations: (omitted)**
- Group permission description: visible in the default group



## 6.1.3 User management

- **User creation**

Click "Add User" to enter the [Add User] page. Select the group; fill in the user name and password; after confirming the password, group administrator and role, click "Submit", as shown below:

**Note: By default, it is a normal user. After selecting a normal user, you need to select a role; if you select an administrator, you do not need to select a role to have all the permissions under this group.**

System management / Organization structure / New user

▼ All group

Default user group

Username:

Password:

Confirm password:

Group administrator:  Yes  No

Role selection:  AAAAAA

Group selection:

- **Modify, query, delete operations: (omitted)**
- **User password modification:** Note that only administrators (admin or company administrators) can reset passwords for users in the group. Reset the password to 123456.

System management / Organization structure

▼ All group

Default user group

Enter user name for fuzzy query.

Username	Belonging group	Role types	Recent login	Operate
caojian01	Default user group	User	2020-04-08 18:15:44	
caojian	Default user group	Group manager	2020-04-08 19:07:39	

2 total 10Note/Page  Page Jump

Are you sure you want to reset your password?

Data cannot be recovered after reset. Please proceed cautiously!

## 6.2 Role management

[Role management] It is used to create and manage roles. Roles are used to control various business function modules and function operations of users in the system. It is composed of different function operation rights.

- **Description of roles**
  - Each enterprise can create one or more roles with different permission scopes, which are used to perform different functions for different users in the enterprise group structure.

- Role information is independent between enterprises and cannot be accessed by each other.

**Note:** The role of admin is the system super administrator, which can manage all the functional modules and business data in the system. Among them, the functions of [System Settings] and [Enterprise Management] can only be managed by admin users, other users cannot see these two modules, including enterprise administrator users.

- **Role creation**

Go to [Permission Management]-[Role Management], click the "Add Role" button to enter the [Add Role] page.

System management / Role management / New role

\* Role name:

\* Role permissions:

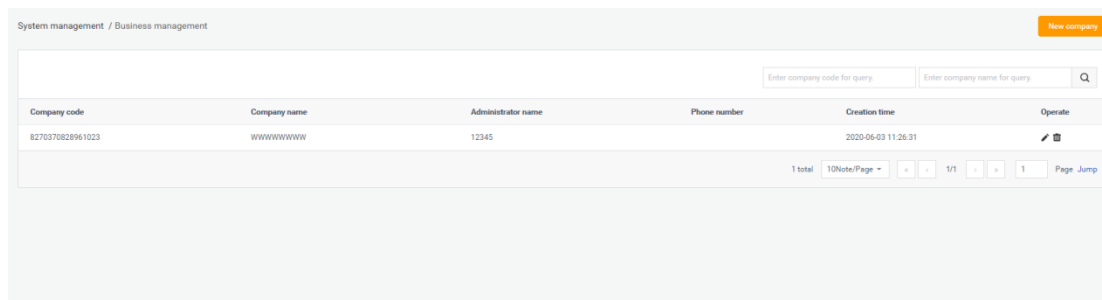
- All permissions
- Device list
- Personnel list
- Visitor management
- Blacklist management
- Pass records
- Pass permission
- Blacklist monitoring
- Permission records
- System log

## 6.3 Business management

[Enterprise Management] The module can only be operated by the super administrator and is used to create and manage enterprise accounts in the system. Each corporate account has corporate administrator rights and can be used to log in to the system. After logging in to the system, the account can manage the organizational structure, users, and roles within the enterprise, and can view and manage all business data created by the enterprise users. But there is no operation authority for the [System Settings] and [Enterprise Management] functions, nor can you see the data of other enterprise users.

**Super administrators can create, modify, query, and delete enterprises, as shown in the following figure:**

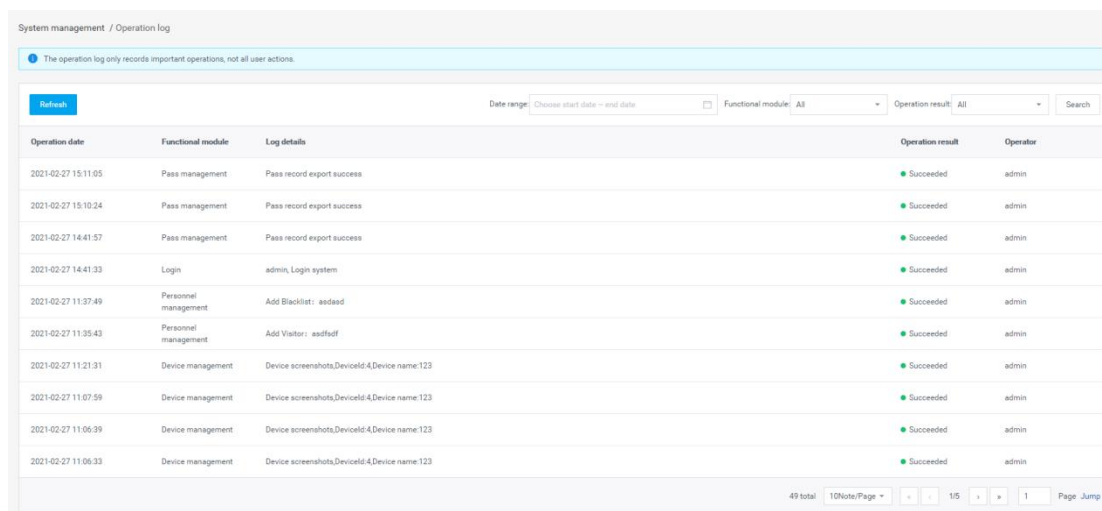




**Note:** Enterprise delete operation is supported. After deleting an enterprise, all data associated with the enterprise will be deleted, and the devices under the enterprise will belong to the admin default group.

## 6.4 System log

[System Log] The system log list on the page contains the user's operation date, function modules, log details, operation results, operator and other information records during the use of the system.



## 6.5 System setting

The system settings page displays system status, and provides several functions such as "background server port", "message service port", "database service port configuration", and "mail settings" (The background of English version supports the function of temperature

display mode).

1. Support web service port configurable: background service port can be configured (between 9000-9999), the default is 9000; message service port can be configured (between 7000-7999), the default is 7788; database service port can be configured (Between 3000-3999), the default value is 3306, **after setting, you need to restart the background to take effect.**
2. The page displays the server version number, the current system time, and the system storage. The size of the system storage displays the remaining available capacity and the total capacity of the partition where the software is installed. Click on the pass record management to jump to the pass record page.

System management / System settings

Version: DC MIPS\_GATE\_Basic\_v3.0.0.0 20210225164712

System current time: 2021-02-27 15:18:13

System storage: 56.94G / 118.00G [Pass record management](#)

Backstage service port:   
9000~9999between

Message service port:   
7000~7999between

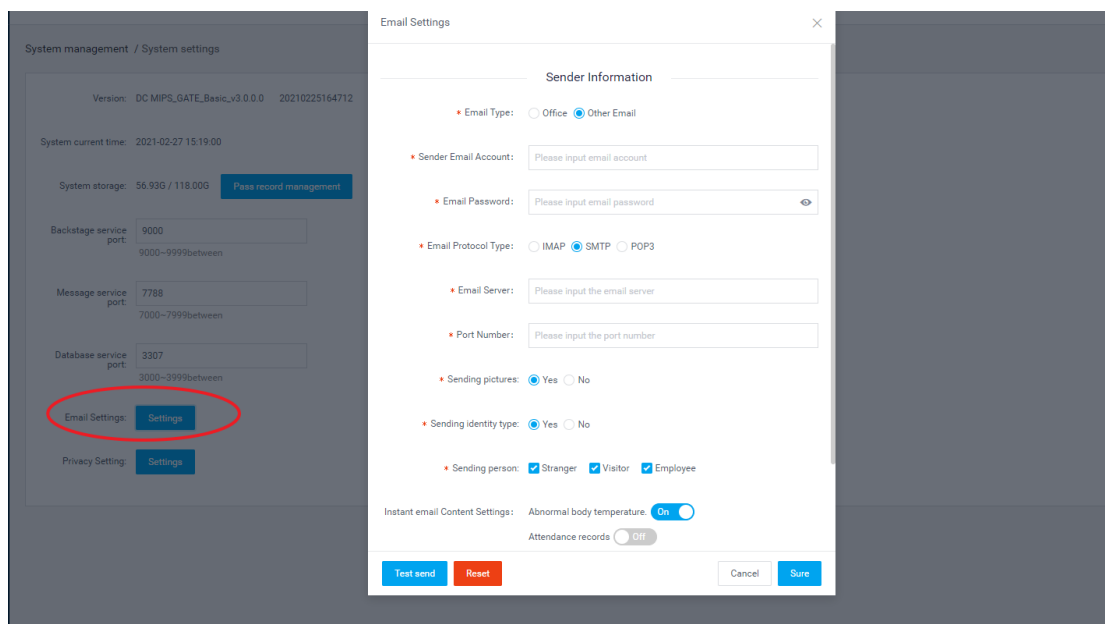
Database service port:   
3000~3999between

Email Settings: [Settings](#)

Privacy Setting: [Settings](#)

### 3. Email Settings

After the email information of sender and recipient is configured in the email setting, the email notification can be received after the passage record of abnormal body temperature appears in the background, and the email containing attendance record can be received periodically at a set period.



- Sender information

- 1) Mailbox type

There are two types of mailboxes: "Office" and "Other Mailbox". "Other Mailbox" is selected by default. When the email to be sent is a non-Office mailbox, please select this option and fill in the parameters.

- 2) Sender email account

Enter the name of the email you want to send the message to. Note: Due to the different automatic judgment policies and mechanisms of mail service providers, various restrictions of mail service providers may be triggered if a newly registered email is used as the sender for frequent sending.

- 3) Email password

Enter the email password of the email to be sent. Note: Different email servers may have different requirements. For example, if QQ mail needs to open the authorization code separately in the setting page of the account, then fill in the authorization code. Click the icon on the right side of the input box to change the password plain-text or cipher-text display.

- 4) Mailbox protocol type

Please select the protocol type according to the type supported by the sender mailbox server, which is usually listed on the help page of the email service provider.

- 5) Mailbox server

Please fill in according to the server address listed in the sender's mailbox server, which is usually listed on the help page of the mail service provider.

6) Port number

Please fill in according to the port number listed in the sender's mailbox server, which is usually listed on the help page of the mail service provider.

7) Sending pictures

You can choose whether the content of each email needs to include the attachment of the captured pictures.

8) Sending identity type

You can choose whether to mark the person's identity type in the email content each time you send the email.

9) Sending personnel

You can select one or more identities including stranger, visitor and employee. The unselected identity type will not trigger the background to send mail.

10) Sending instant mail content settings

The abnormal temperature switch and attendance record switch are turned off by default. When the "Abnormal Temperature" switch is turned on, a reminder email will be sent every time a abnormal temperature record appears in the background.

After turning on the "Attendance Record" switch, the email containing attendance record can be sent automatically according to the specified time set(one day, three days, one week, two weeks, one month).

- Recipient information

If you fill in the recipient's email account, you can receive emails automatically sent from the background. You can add/remove recipients by clicking the "+" or "-" icon on the right. Multiple recipients can receive abnormal temperature emails and attendance records emails at the same time. The recipient's email addresses can be filled in a maximum of 10 and a minimum of 1.

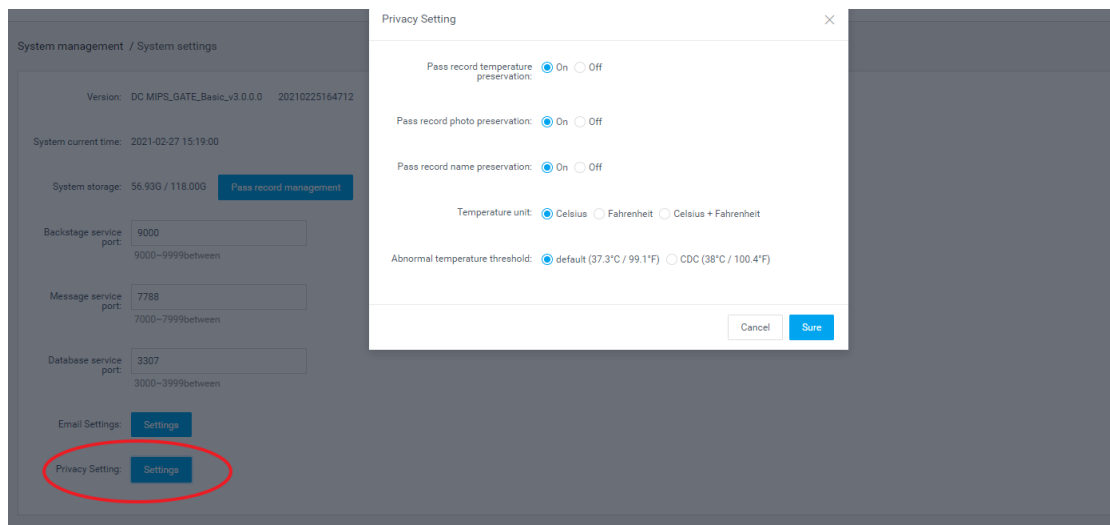
Note: Due to the different mechanisms of mail service providers, it is possible to mark emails with repeated subject lines as spam. Therefore, this problem can be avoided by adding the sender's email account to the white list in the recipient's mailbox.

- Test sending

After filling in all the parameters and information, you can click the [Test sending] button to check whether the email is sent and received normally. After clicking, an email with a fixed content template will be sent to each recipient's mailbox.

#### 4. Privacy setting

You can turn on/off various functions to show/hide the temperature, photo, name and other related information of each page in the background (except the related pages of attendance management).



- Pass record temperature preservation

You can turn on/off to show/hide the temperature value of each page in the background.

- Pass record temperature photo preservation

You can turn on/off to show/hide the snapshot photos of each page in the background and show default picture after turning off.

- Pass record temperature name preservation

You can turn on/off to show/hide the name of the person on each page in the background.

- Temperature unit

You can choose Celsius/Fahrenheit/ Celsius + Fahrenheit, and the unit of temperature value on each page will be displayed in XX°C, XX°F, XX°C/XX°F style after selection.

- Abnormal temperature threshold

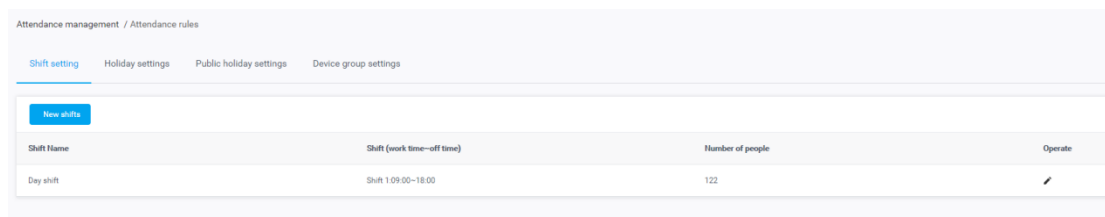
If 37.3°C/99.1°F is selected by default, the background judges that when the body temperature is equal to or higher than 37.3°C/99.1°F, it is high temperature. If CDC (38°C/100.4°F) is selected, the


background judges that it is high temperature when the body temperature is equal to or higher than 38°C/100.4°F.

## 7.Chapter Seven Attendance Management

### 7.1 Attendance rules

[Attendance rules] Add, modify and delete related rules including shifts, holidays, public holidays, and device groups, etc. are set in this module.



Shift Name	Shift (work time-off time)	Number of people	Operate
Day shift	Shift 1 09:00-18:00	122	

#### 7.1.1 Shift settings

The shift setting contains a default shift. Click the new shift button to increase the shift. Click the modify shift icon in the operation to modify the parameters in the current shift. Click the delete shift icon in the operation to delete the current shift.

##### ➤ **New shift**

Click the New shift button to open the new shift settings interface.

### ■ Shift name

- 1) The name can be customized to enter no more than 32 characters.

### ■ Shift settings

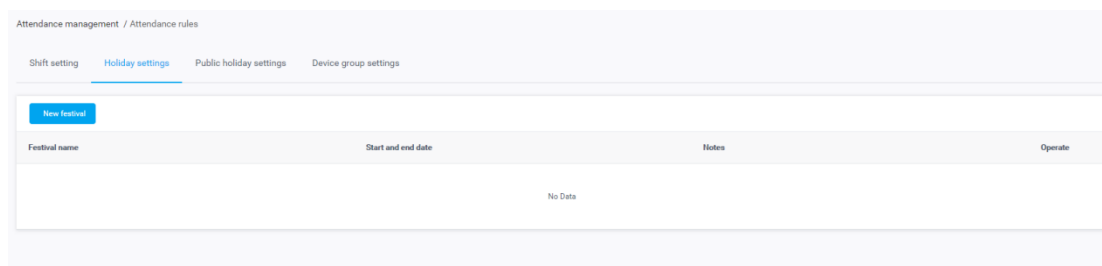
- 1) The default is one shift. You can click the Add button to add shifts and set up to 4 shifts.
- 2) You can select / clear / customize the specific working / off time within the time period.
- 3) You can select and customize the minutes limit for late arrival and early departure in the notes.
- 4) Click the delete icon in the operation to delete this shift.

#### ● Overtime rules

- 1) You can manually enter and select the length of time required to work overtime on workdays and the time off work.
- 2) You can manually enter the length of time required for overtime on public holidays and holidays, as well as working time and off time.

## 7.1.2 Holiday settings

Click New holiday to customize the time period of various holidays. Click the Modify to modify the parameters of the currently set holiday. Click the delete to delete the current holiday.



### ➤ **New holiday**

Click New holiday to open the new holiday interface.

#### ■ **Holiday name**

The name can be customized to enter no more than 32 characters.

#### ● **Start date & end date**

The start date and end date of the newly added holiday can be customized.

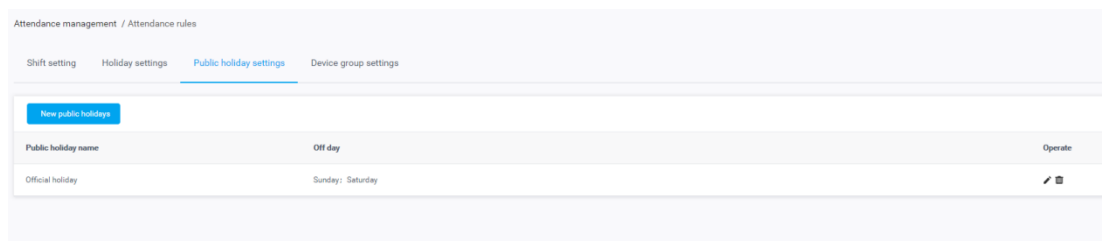
#### ● **Notes**

It can be customized to enter no more than 50 characters to explain the holiday.

## 7.1.3 Public holiday settings

You can customize the fixed weekly rest days (Monday to Sunday). Click the Modify to modify the parameters of the currently set public holiday. Click the Delete to delete the current public holiday.





### ➤ **New public holiday**

Click New public holiday to open the interface.

**New public holidays** [Close]

Name of public holiday:

Off day:

- Sunday
- Saturday
- Friday
- Thursday
- Wednesday
- Tuesday
- Monday

[Cancel] [Save]

- **Public holiday name**

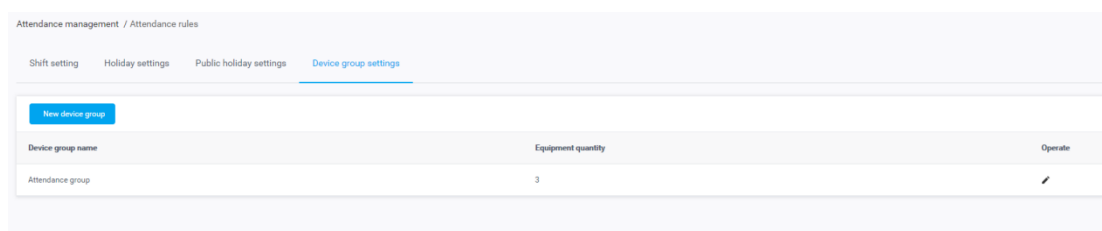
1) The name can be customized to enter no more than 32 characters.

- **Off day**

1) You can select single or multiple choices from Monday to Sunday as a custom fixed weekly off day.

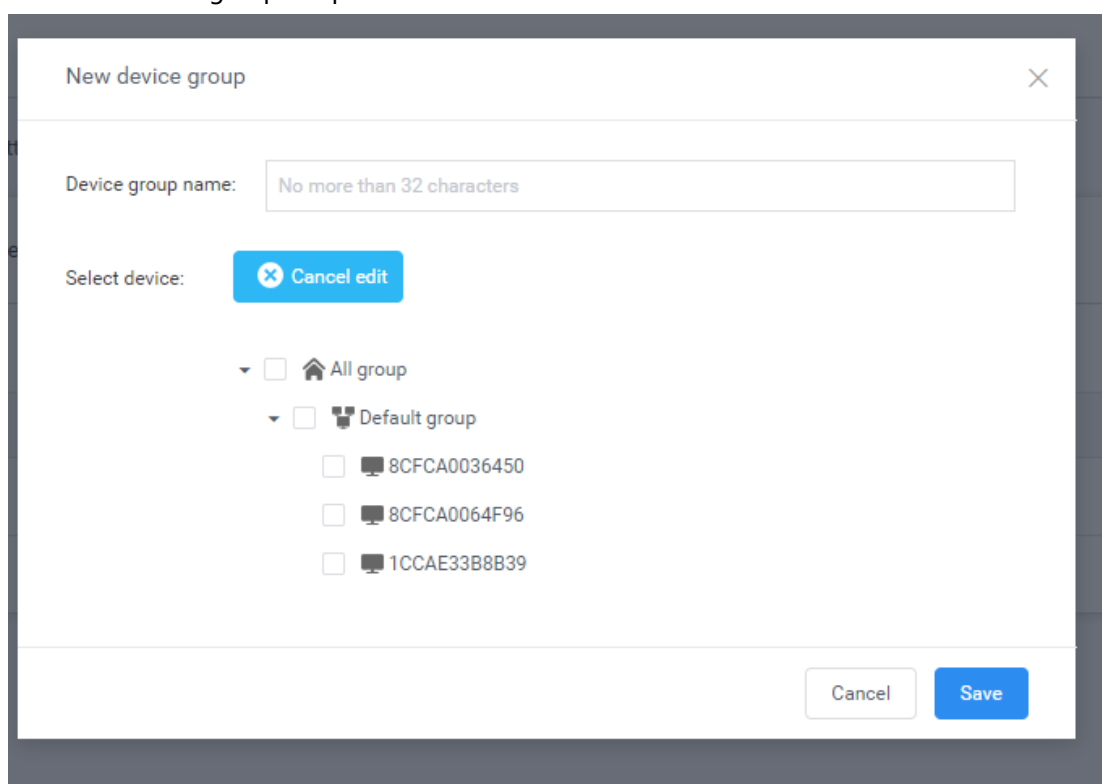
## 7.1.4 Device group settings

You can customize the new device group, and click the Modify to modify the device group information. Click the Delete to delete a set device group.



### ➤ **New device group**

Click New device group to open the interface.



- **Device group name**

1) The name can be customized to enter no more than 32 characters.

- **Select device**

1) The "Cancel edit" button is displayed by default. At this time, you can check the devices in each group of the associated account. After clicking the "Cancel edit" button once, the display changes to "Edit button" and the device check box is grayed out and cannot be checked.

## 7.2 Attendance records

[Attendance records] The functions of this module include: query the attendance records of all employees by time period and group, track employees by attendance status, query the daily attendance within a custom time period by employee name and ID, and query the attendance of employees by date record and export the query result list file to download locally.

Attendance management / Attendance records Export

Date range: 2021-01-27 - 2021-02-26  Search employee name / ID

Name	Date	Employee group	Employee ID	First clock in	Last clock in	Body temperature	Status	Operate
陈冲强	2021-02-26	Default group	44555	2021-02-26 10:21:11	2021-02-26 17:38:55	36.4°C	Late for shift 1 Leave early on shift 1	⊙
张少华	2021-02-26	恒美泰公司员工	1			None	Absence	⊙
谢立典	2021-02-26	恒美泰公司员工	2			None	Absence	⊙
单乐	2021-02-26	恒美泰公司员工	3			None	Absence	⊙
姚学英	2021-02-26	恒美泰公司员工	4			None	Absence	⊙
谢丽红	2021-02-26	恒美泰公司员工	5			None	Absence	⊙
张浩	2021-02-26	恒美泰公司员工	7			None	Absence	⊙
王李	2021-02-26	恒美泰公司员工	8			None	Absence	⊙
温德强	2021-02-26	恒美泰公司员工	9			None	Absence	⊙
邱明强	2021-02-26	恒美泰公司员工	10			None	Absence	⊙

3782 total | 10Note/Page | 1/379 | Page Jump

- **Employee grouping list**

1) In the list, the group name and group information are the same as the group data in [Employee list], which is synchronized in real time according to the data changes in the employee list. After selecting all groups, the attendance records of all employees are displayed on the right side of the interface. In the sub-group, only the attendance records of the employees in the group are displayed.

- **Attendance records list - Employee name, Employee ID, Employee group**

1) Display the name of the employee and the corresponding employee ID and employee group.

- **Attendance record list - Date**

- 1) By default, the attendance record date of the day before the query date is displayed.
- 2) If the day's date belongs to a custom holiday, the "Holiday" icon will be displayed to the right of the date.
- 3) If the current day belongs to a custom public holiday, the "Off" icon will be displayed to the right of the date.
- 4) If today's date belongs to a customized holiday and public holiday, the "Off" and "Holiday" icons will be displayed on the right side of the date.

- **Attendance - First clock on, Last clock on**

1) The employee's first attendance is displayed in the first clock on, and the employee's last attendance is recorded in the last clock on. If the employee did not attendance in that day, no data will be displayed.

- **Attendance - Status**

- 1) If the employee commutes normally within the specified time during the day, the status bar will not display the mark.
- 2) If the employee's attendance record is normal within the specified time, no mark is displayed in the status bar.
- 3) If the employee leaves early at the end of the day, the status bar marks early departure.
- 4) If the employee is absent from the day, the absence is marked in the status bar.
- 5) If the employee has overtime that day, the overtime mark will be displayed in the status bar.
- 6) If multiple marking conditions are met at the same time, the status bar will display multiple markings at the same time.

- **Attendance records list - Operate**

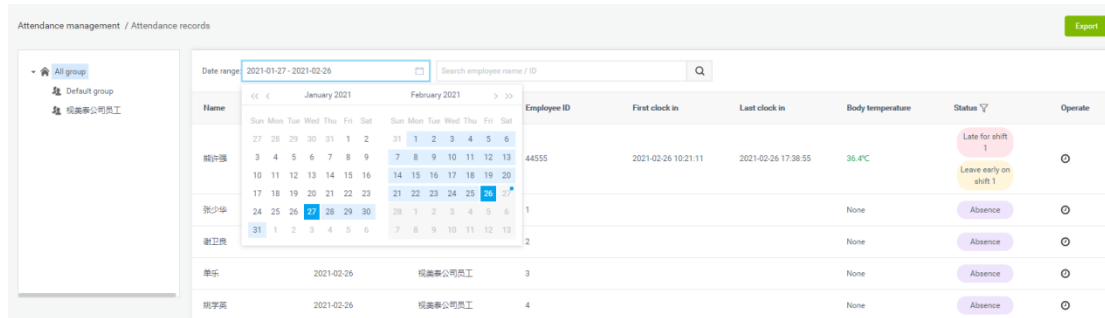
1) You can enter the Pass management - Pass record page to view the employee's attendance details for the day.

- **Search box**

1) Enter the employee name or employee ID in the search box and click the "Search" to query the employee's attendance record.

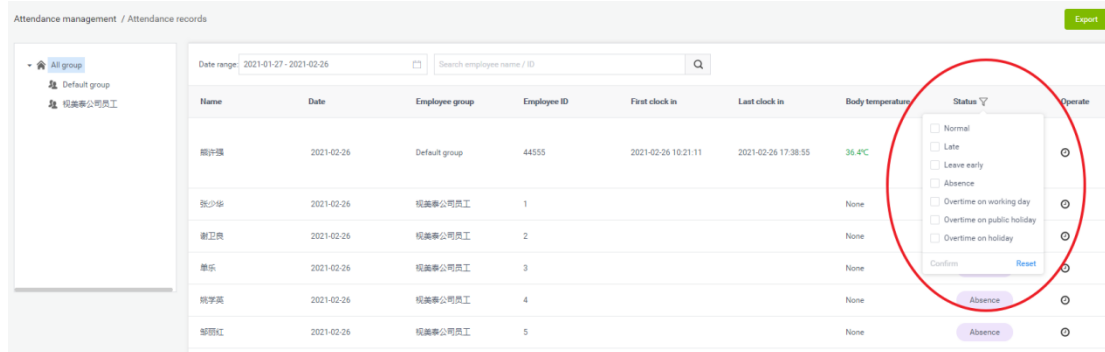
- **Range search**

1) Click the date range input box and the date selection interface will appear for starting and ending time range selection.



2) All types of attendance status are displayed by default, and the default date range is to query the attendance records of all employees within one month from the current day.

3) Attendance status can be manually selected separately for normal, late, early leave and absent. You can also customize the input or select the date and employee name / ID for a combined query within the specified range.



- **Export**

1) Click the export button to download the employee attendance record form of the current query page to the local.

- **Turn page**

1) By default, 10 attendance records are displayed on each page. You can manually click to select 15/20/25/50/100 records.

2) You can click the previous page and next page buttons to view the record. Click the first page and the last page to jump directly to the first page or the last page to view the record. After entering numbers in the page number input box, click Jump to jump directly to this page to view the record.

## 7.3 Attendance statistics

This module can query or export the data of normal and abnormal attendance of employees at all times and within a specified range of time; working days, public holidays and overtime data on holidays.

Name	Employee group	Employee ID	Normal days	Late days	Leave-early days	Absence days	Overtime on working day	Overtime on public holiday	Overtime on holiday	Operate
魏少强	Default group	44555	0	1	1	22	-	-	-	⊞
张少华	悦美泰公司员工	1	0	0	0	23	-	-	-	⊞
谢卫典	悦美泰公司员工	2	0	0	0	23	-	-	-	⊞
单乐	悦美泰公司员工	3	0	0	0	23	-	-	-	⊞
熊宇英	悦美泰公司员工	4	0	0	0	23	-	-	-	⊞
胡国江	悦美泰公司员工	5	0	0	0	23	-	-	-	⊞
张泓	悦美泰公司员工	7	0	0	0	23	-	-	-	⊞
王宇	悦美泰公司员工	8	0	0	0	23	-	-	-	⊞
潘建雄	悦美泰公司员工	9	0	0	0	23	-	-	-	⊞
胡国雄	悦美泰公司员工	10	0	0	0	23	-	-	-	⊞

- **Employee group list**

1) In the employee group list, the group name and group information are the same as the group data in the [Employee list], and the data changes in the Employee list are synchronized in real time. After all groups are selected, the attendance statistics of all employees will be displayed on the right side of the interface. The sub-grouping only displays the employee attendance statistics of the group.

- **Attendance statistics list - Employee name, Employee ID, Employee group**

1) Display the name of the employee and the corresponding employee ID and employee group.

- **Attendance statistics list-normal days, late arrivals, early departures, absences**

1) By default, the statistics of the current month of the query date are displayed. The employee's normal days, late arrivals, early departures, and absences will be displayed. If there is no record in the query time range, it will be displayed as 0.

- **Attendance statistics list - Overtime on working days, Overtime on public holidays, Overtime on holidays**

1) By default, the statistics of the current month of the query date are displayed. It will display the total number and hours of employees working overtime on working days, public holidays and holidays. If there is no record in the query time range, it will be displayed as "-".

- **Attendance statistics list - Operate**

1) Click the Attendance record icon on the left side of the interface to enter the Attendance management - Attendance record page to view the employee's attendance record for the day.

2) Click the Attendance record icon on the right side of the interface to enter the Pass management - Pass record page to view the employee's attendance details for the day.

- **Search bar**

1) Enter the employee name or employee ID in the search box and click "Enter" to query the employee's attendance data.

- **Range Search**

1) Click the arrow button to the right of the search box to open the range search interface.

Name	Late days	Leave-early days	Absence days	Overtime on working day	Overtime on public holiday	Overtime on holiday	Operate
魏少华	1	1	22	-	-	-	🗑️
张少华	0	0	23	-	-	-	🗑️
谢卫兵	0	0	23	-	-	-	🗑️
单乐	0	0	23	-	-	-	🗑️
柯学英	0	0	23	-	-	-	🗑️
谢国江	0	0	23	-	-	-	🗑️
张泓	0	0	23	-	-	-	🗑️

2) The attendance status is selected as all by default. If you do not enter the date range and employee name, the default is to query the attendance data of all employees in the current month.

3) Attendance status can be manually selected separately for normal, late, early leave and absent. You can also customize the input or select the date and employee name / ID for a combined query within the specified range.

- **Export**

1) Click the export button to download the employee attendance record form of the current query page to the local.

- **Turn page**

1) By default, 10 attendance records are displayed on each page. You can manually click to select 15/20/25/50/100 records.

2) You can click the previous page and next page buttons to view the record. Click the first page and the last page to jump directly to the first page or the last page to view the record. After entering numbers in the page number input box, click Jump to jump directly to this page to view the record.

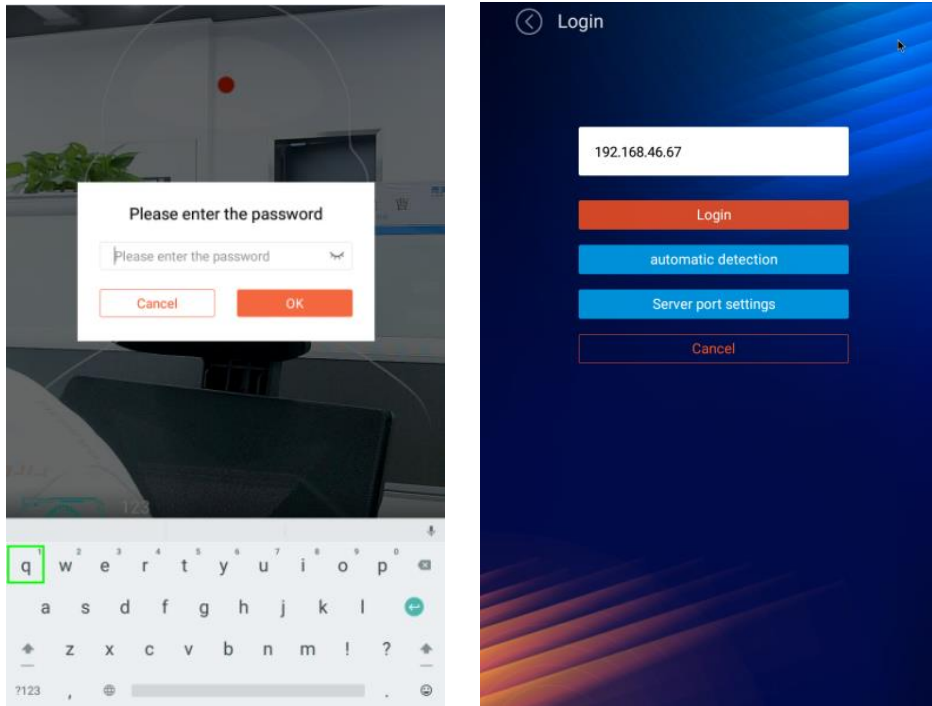
## 8. Chapter Eight Client Functions

### 8.1 Client login

- **Steps:**

1) After opening the application on the device, click the middle mouse button to pop up the password input box and enter the default password: 123456 to enter the settings page.

2) Click Login Management to enter the login interface. Enter the same account password as the web page to log in.



Note: You need to enter the set device password before entering the login management, after logging into the application settings and before exiting the application. The password can be set in the "Parameter setting" in the [Device management] on the backstage web page, or can be modified in the "App Password Settings" in the terminal application settings.

- **Application management**

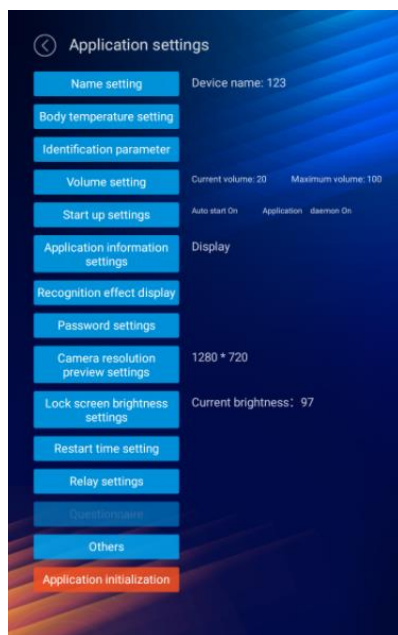
After successful login, click the middle mouse button to open the [Application management] interface. The current page displays the login information: local name, local IP, connected server, current login status, and login management, application settings, face entry, application Six functions of information, pass record and face database.

- **Login management**

After logging in, you can click "Sing out" to log out of the current account.

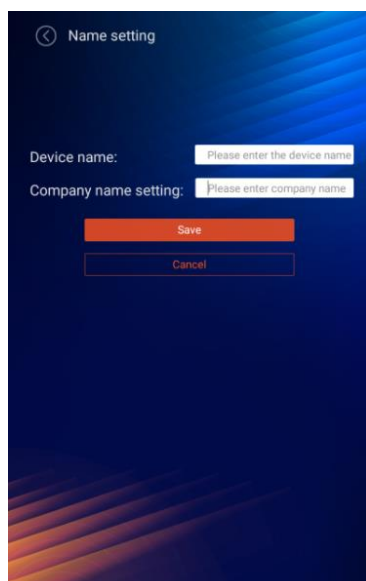
## 8.2 Application settings

Enter the [Application settings] page, which contains the following function settings:



## 8.2.1 Device name setting

- 1) Device name: By default, the device name is the MAC address of the device, which can be modified manually. After being logged in, it will be synchronized to the background after modification, and can also be set in the "device details" in the [device management] of the background web page;
- 2) Company name: The default company name is [please enter company name], which can be manually modified. The modification in the login status will be synchronized to the background, and can also be modified in the [device details] of the background.





## 8.2.2 Body temperature setting

- **Body temperature detection**

- 1) Control body temperature detection function. You can choose to turn on or off, the default is on.
- 2) On: During the identification of personnel traffic, the interface will display and broadcast the body temperature value after the face is recognized.
- 3) Off: During the recognition of personnel traffic, the outline of the face in the interface is automatically hidden. The interface will not detect body temperature after the face is recognized.

- **Compensation temperature**

- 1) Automation: When the ambient temperature may affect the detected body temperature, the compensation temperature can be set to adjust automatically.
- 2) Manual operation: The compensation temperature value defaults to 0.0, and the setting range is 0 ~ 1, and a maximum of one decimal can be reserved.  
"+ (Suitable for normal or low temperature conditions) " is selected by default:  
Example: Set compensation + 0.3, if the temperature is 36.1 when detecting and recognition, the broadcast result will be 36.4.  
"- (Suitable for high temperature conditions) " is selected:  
Example: Set compensation - 0.2, if the temperature is 36.8 during detection and recognition, the broadcast result will be 36.6.

- **Scenario selection**

- 1) The indoor and outdoor scenes can be switched. When the outdoor environment is selected and the compensation temperature is in automatic mode, the device will automatically calibrate the detection results according to the ambient temperature.
- 2) If the manual mode is selected, the detection results will be displayed after the manual input value is calculated in both indoor and outdoor scenes

- **Temperature mode**

- 1) You can choose to switch between the primary screening mode and the fine screening mode. When the initial screening mode is selected, the fast detection and fast broadcast mode are implemented in each face recognition.
- 2) If the fine screening mode is selected, the temperature will be continuously measured and calculated every time the face recognition is completed, and then the temperature measurement results will be displayed and broadcast.

- **Alarm threshold**

Set an alarm threshold to control body temperature detection. When the body temperature alarm is turned on, the identified body temperature exceeds the threshold and an alarm is issued. The default is 37.3(The default value of Fahrenheit is 99.14), and only numbers between 30.0 and 45.0 (The Fahrenheit range is 86 to 113)can be entered, and up to one decimal can be reserved.

- **Body temperature alarm**

- 1) Control body temperature alarm function. You can choose on or off, the default is on.
- 2) On: When the detected body temperature is higher than the threshold, the interface displays the body temperature and emits an alarm sound; if the body temperature is lower than the threshold, there will be no alarm.
- 3) Off: No matter the body temperature is high or low, there will be no alarm.

- **Temperature unit**

- 1) Celsius degree: After selection, the temperature measurement interface, pass record, and export table will display the temperature value in XX°C format.
- 2) Fahrenheit degree: After selection, the temperature measurement interface, pass record, and export table will display the temperature value in XX°F format.
- 3) Celsius degree +Fahrenheit degree: After selection, the temperature measurement interface, pass record, and export table will display the temperature value in XX°C/XX°F format.

- **Fan**

- 1) On: After selection, the temperature measurement module fan of the device operates normally.
- 2) Off: After selection, the temperature measurement module fan of the device stops running.

- **Mask detection**

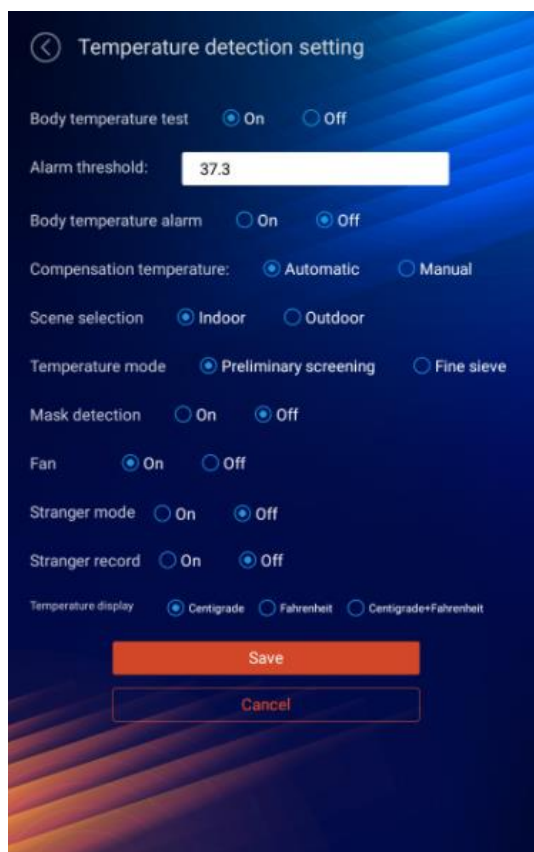
- 1) On: If you don't wear a mask for recognition, the display style will be red background after recognition, and no passage is allowed. Please wear a mask. The voice broadcast "Please wear a mask"; wearing a mask can be recognized normally.
- 2) Off: Does not detect whether to wear a mask during recognition.

- **Stranger mode**

- 1) On: After the selection, the stranger can also open the door normally after face recognition.
- 2) Off: After the selection, the stranger can not pass through the recognition.

- **Stranger record**

- 1) On: After selection, each stranger's face recognition will generate a recognition record in the pass record.
- 2) Off: After selection, no recognition record will be generated each time the stranger faces are recognized, even if the stranger mode is turned on immediately.



### 8.2.3 Identification parameter setting

- **Test threshold**

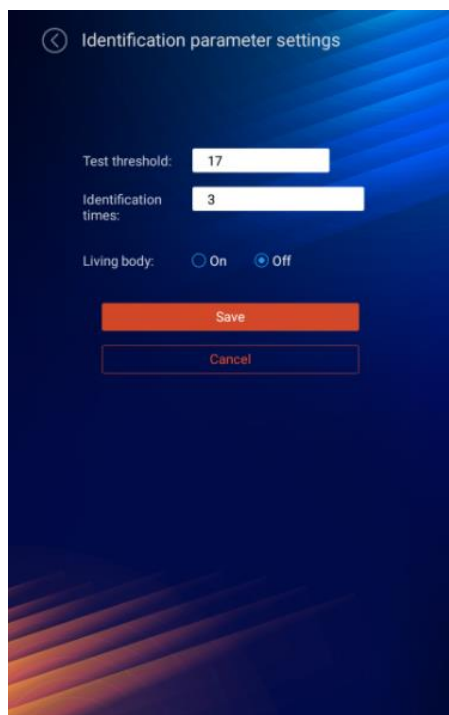
It is used when checking the pictures into the warehouse. The higher the threshold is set, the lower the requirements on the pictures. It needs to be set reasonably. The default value is 17.

- **Number of recognition**

The number of times to identify whether a person is an already-entered person, the default value is 3.

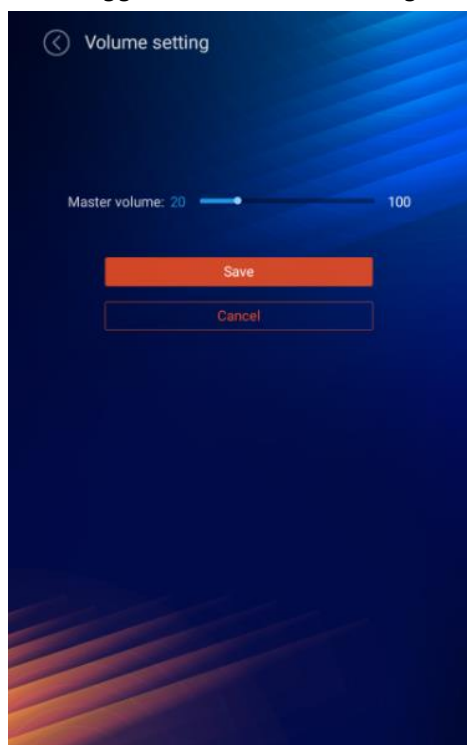
- **Living portrait detection**

Whether to enable live detection when recognizing personnel can be set to on or off, and the default value is off.



## 8.2.4 Volume setting

While logged in, the volume setting of the synchronization server can also be set locally.



## 8.2.5 Start-up settings

- **Auto-star**

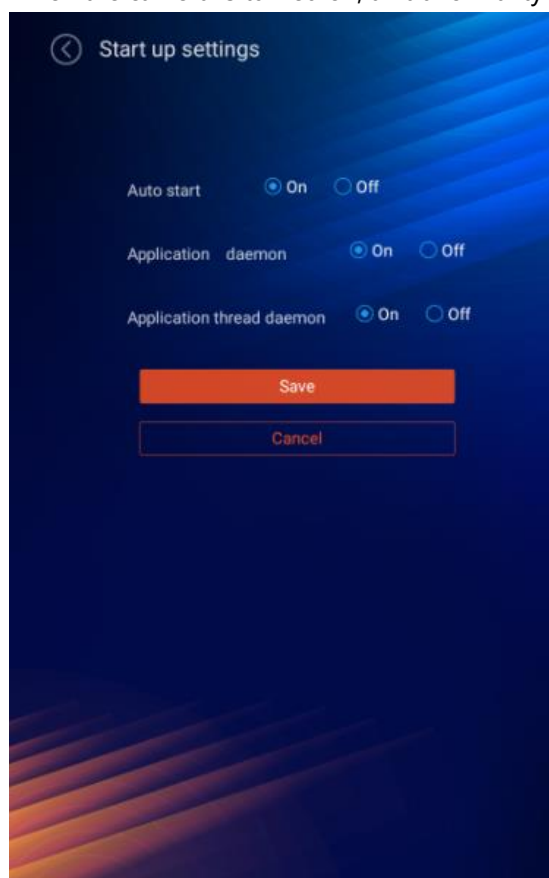
The application will start automatically when it is turned on, and it will not start when it is turned off.

- **Application daemon**

The application will automatically jump back to the playback interface within 30 seconds after opening the application page when opening, and not automatically when closing.

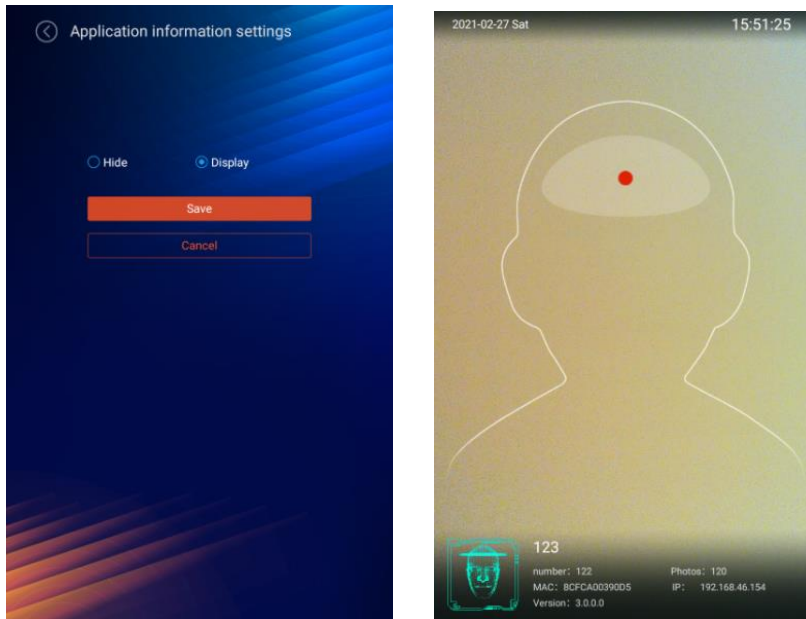
- **Application thread guard**

When the camera is turned on, an abnormality occurs and the camera restarts.



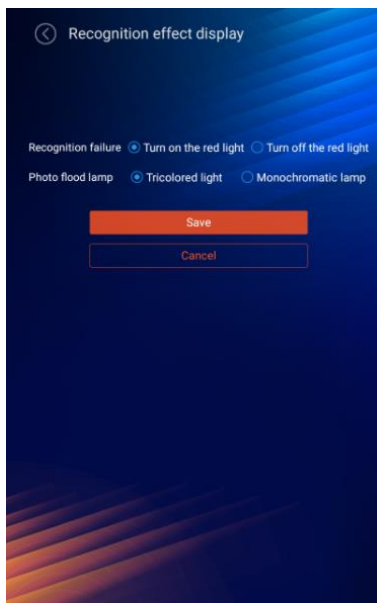
## 8.2.6 Application information settings

After setting, the camera displays or hides the bottom information bar in full-screen display; default: display, which can be set to show or hide.



## 8.2.7 Recognition effect display

Set the effect of face recognition, including the display when the recognition is successful (the default value displays the image) / when the recognition fails (the default value is turned on the red light), the fill light display (the default value of the three-color light), as shown in the figure:

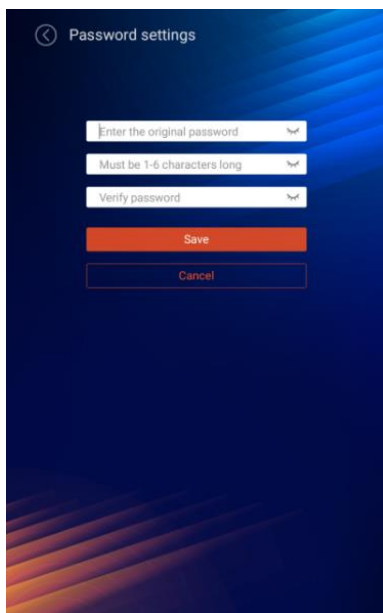


## 8.2.8 Application password settings

- 1) Enter the login management, enter the application settings after login, and exit the application before you need to enter the set device password, the initial password: 123456.
- 2) The password can also be set in the "Parameter Setting" of [Device Management] on the

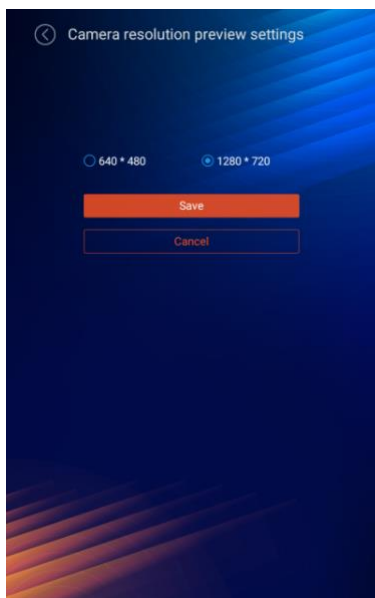
background web page.

3) Enter the original password, new password, confirm the new password, and save it to modify the password; the password length limit: 1-6 digits, can not be set to blank.



## 8.2.9 Camera preview resolution setting

Set the camera resolution when performing face recognition. The default value is 1280 \* 720.



## 8.2.10 Screen-saver brightness setting

- **Screen-saver**

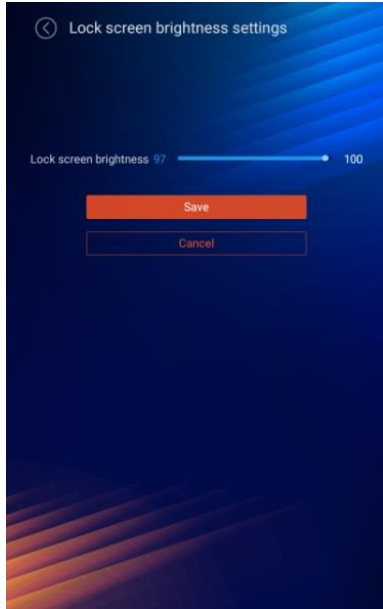
1) When face recognition is not required, a screen-saver is required. After recognizing a face,

jump to the home page.

2) The app starts to display the homepage, there is a face recognition homepage within 30s, and no face recognition screen-saver within 30s.

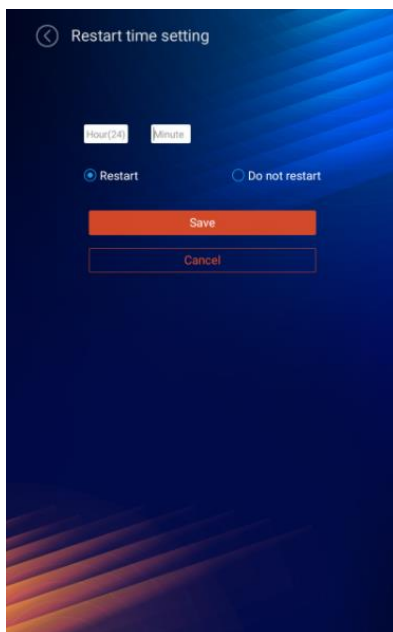
- **Screen-saver brightness setting**

Adjust the brightness value displayed on the screen saver, drag the set value, and save it.



## 8.2.11 Device restart time setting

Set the device restart time: hour-minute (default value 03:00) and 24-hour system. If you choose to restart, the device will automatically restart at the selected restart time. If you choose not to restart, it will not restart. The default value is to restart.





## 8.2.12 Relay settings

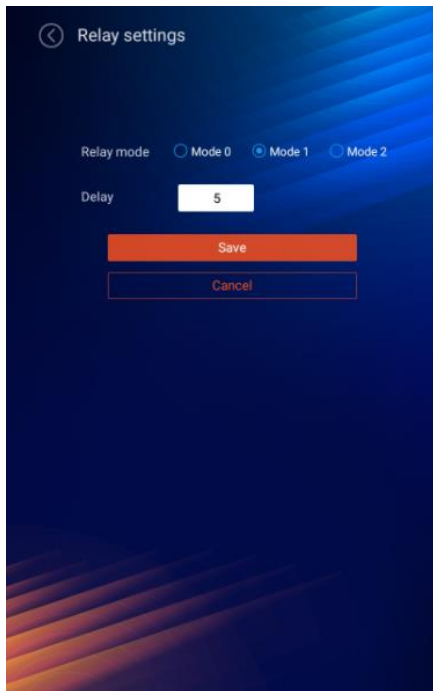
- **Relay mode:**

**0:** indicates no automatic closing mode, that is, it will not automatically close after opening the relay, the default value.

**1:** Indicates automatic closing mode (high effective-default low level, then high level for X seconds, and finally low level). That is, after opening the relay, a delay of X seconds will automatically close.

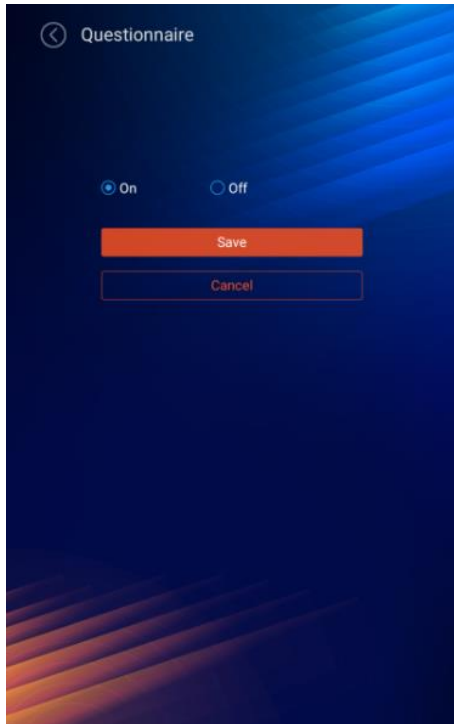
**2:** Indicates auto-close mode (active low-default low level, then high level for X seconds, and finally low level). That is, after opening the relay, a delay of X seconds will automatically close.

**Delay time:** The default unit is 5 seconds and the maximum value is 63 seconds.



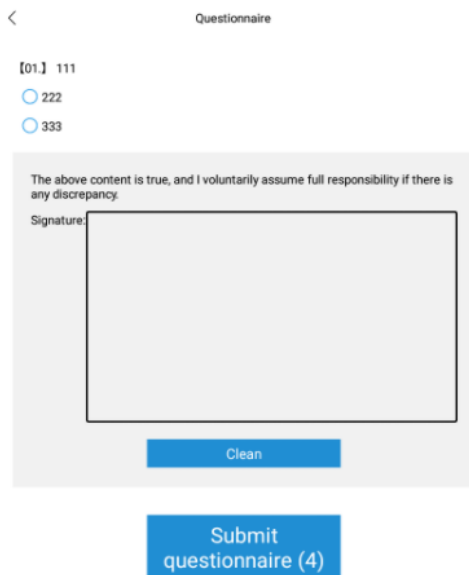
## 8.2.13 Questionnaire survey

The questionnaire button in the main menu application settings is grayed out and cannot be clicked when you are not logged in to the background or when the questionnaire is not configured in the background. After the device is logged in to the background and the questionnaire is configured, you can click the questionnaire button to enter the interface to manually turn on or off the questionnaire function.



- Screen questionnaire

After configuring the screen questionnaire in the background, the device will pop up the questionnaire interface when it recognizes the face. After selecting the answer and inputting the answer, you can enter the temperature measurement recognition interface. If no operation is done at the end of the countdown, the questionnaire interface will be automatically closed.



- Scan code questionnaire

After configuring the screen questionnaire in the background, the device will pop up a QR code picture when it recognizes the face, and the QR code picture will automatically disappear after the countdown ends. If you have scanned the code, filled out and submitted the

questionnaire before the countdown, the QR code picture will disappear immediately after the questionnaire is submitted and enter the temperature measurement interface.



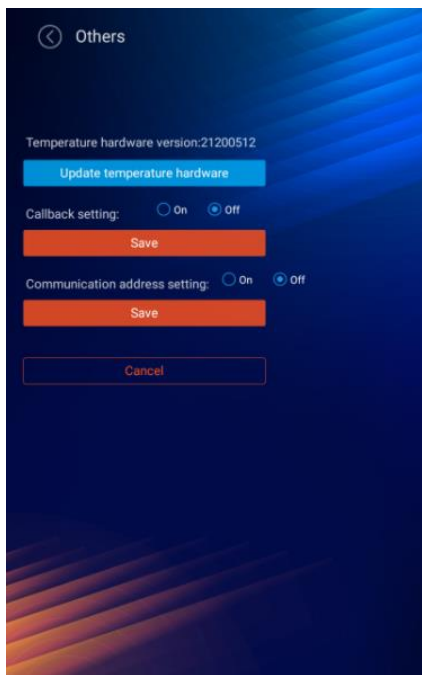
## 8.2.14 Others

- Update temperature module firmware

The firmware of the temperature measurement module can be manually upgraded through the Application Settings. First insert the U disk, then enter the temperature measurement module upgrade function of the Application Settings, and select the firmware that can be upgraded for manual upgrade. After upgrading, you can view the version number of the new firmware of the temperature measurement module. The firmware file must be placed in the root directory of the U disk, and the file name must be updateTemp.bin.

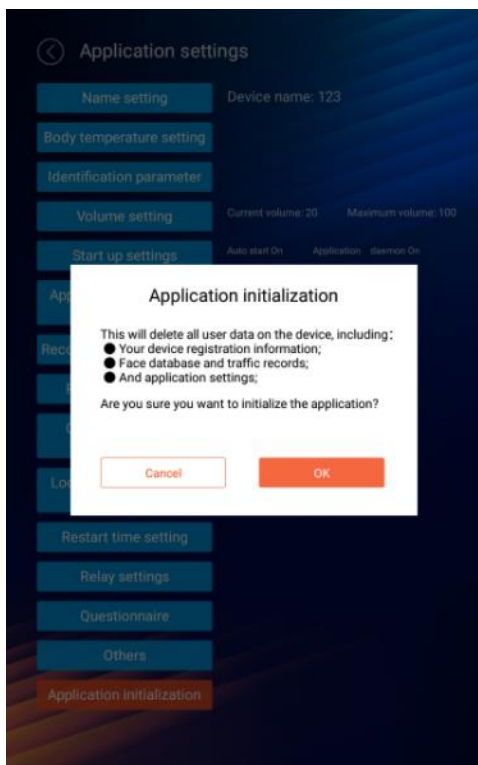
- CallBack settings

- 1) Including turning on and off.
- 2) If turning on, you need to enter the callback address, which is implemented according to the callback interface document provided by us.
- 3) If turning off, the callback function will be turned off, and the recognition record will not be called back.



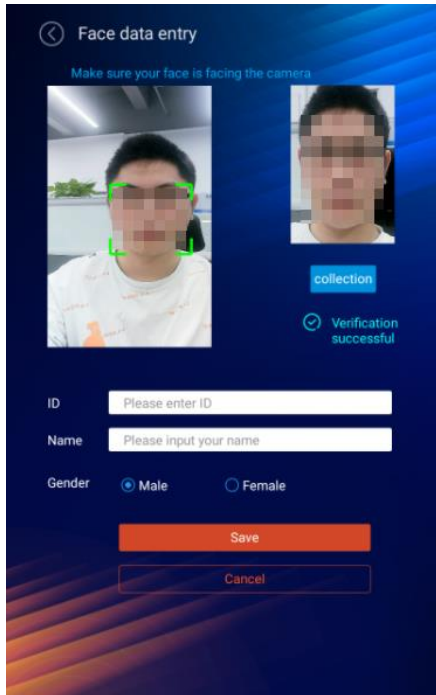
### 8.2.15 Application initialization

The application initialization function will clear all data in the application and restore it to its initial state, including user login information, entered face information, access records, and settings in the application settings.



## 8.3 Face portrait entry

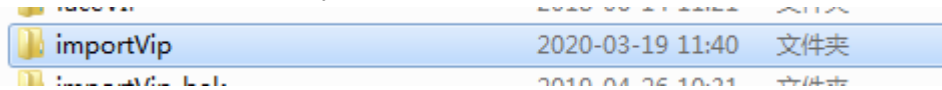
You can enter personnel information locally, collect faces, enter employee ID, name, gender, and save. After the entry is successful, it will be synchronized to the background; after the face is collected, the picture will be verified and the verification result will be displayed.



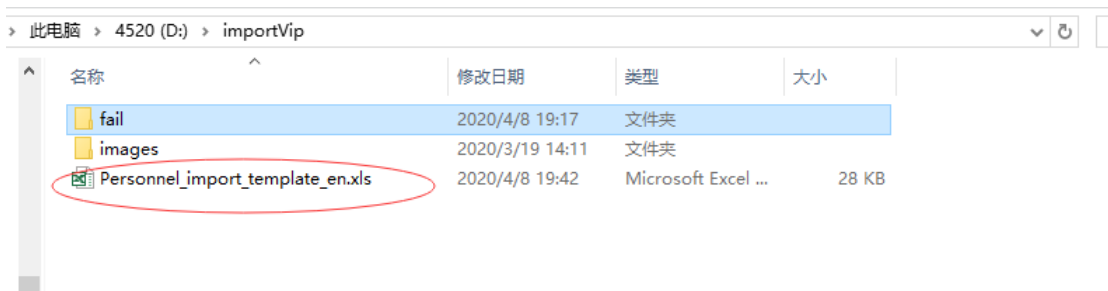
## 8.4 Personnel import in bulk

In addition to a single entry method, you can also import personnel to the client in batches via a U disk. The import method adopts excel format and folder method. The detailed operation steps are as follows:

1. Create importVip directory with U disk.



2. Put the excel file in the importVip directory, please refer to the template file for the excel template. Note that excel 2003 is used and can only exist in one excel file.

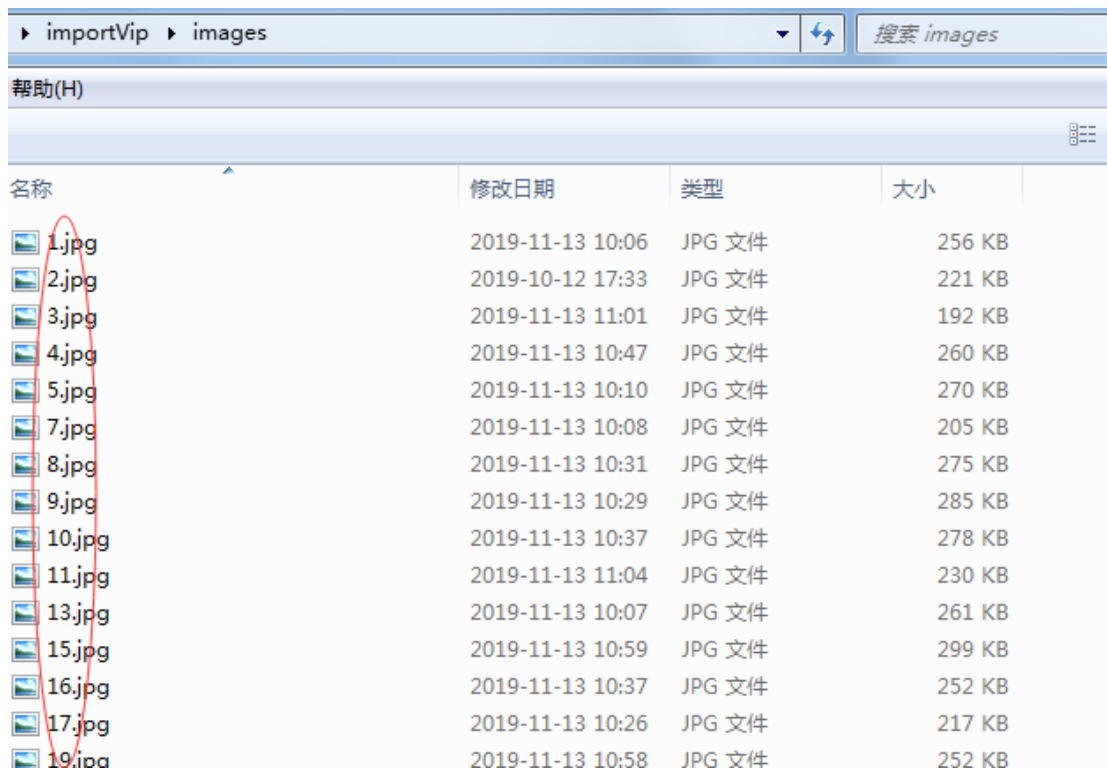


3. Create an images directory to store the face photos of the people to be imported. The photo name is the employee ID of the excel form, and the photo supports png or jpg format.

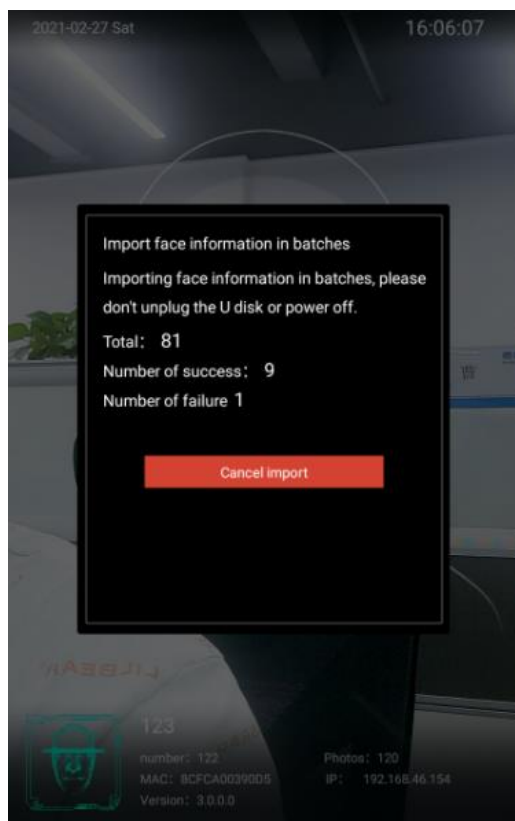
**Instructions:**

1. Personnel ID: required; cannot be repeated; and in 0-10 characters, such as 0000000001
2. Name: required; in 0-32 characters, consisting of Chinese, English or numbers
3. Gender: optional; select "Male" or "Female"
4. Belonging group: required; must be a group that already exists in the system; The subgroups are separated by "-", and the format is "All group-subgroups-subgroups".
5. Phone number: required; cannot be repeated; Chinese phone numbers are filled in according to the length rules of domestic mobile phone numbers; Other countries' phone number
6. Other ID: optional; cannot be repeated; in 15 or 18 characters, and the character type is number or letter
7. Email: optional; cannot be repeated; in 0-32 characters, no limitation on character types
8. IC card: optional; cannot be repeated; in 0-64 characters, no limitation on character types
9. Native place: optional; in 0-64 characters, no limitation on character types
10. Date of Birth: optional; the format is "xxxx-xx-xx", and not possible to enter a future date
11. Address: optional, in 0-128 characters, no limitation on the character types
12. Notes: optional, in 0-128 characters, no limitation on the character types

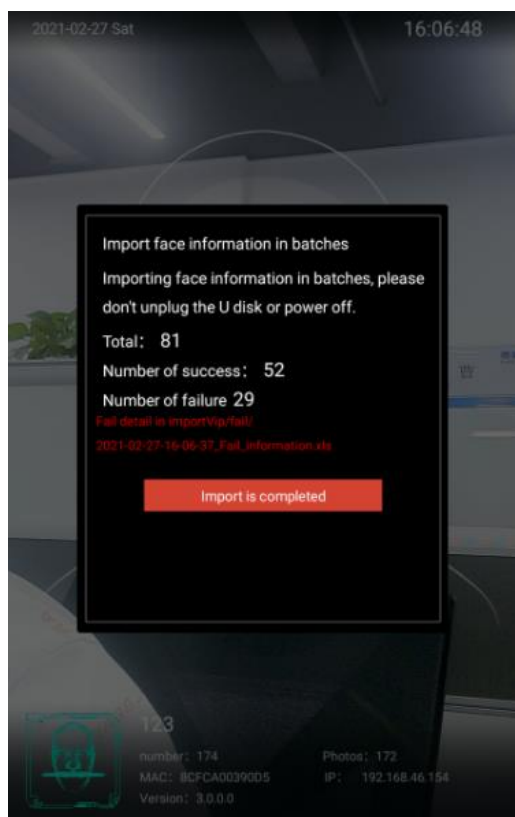
Personnel ID	Name	Gender	Belonging group	Phone number	Other ID	Email	IC card	Native place	Date of Birth
52300777	John c	Male	All group-Default group	+8613424319358	430481199022202375	aff@gmail.com	000230001212	London	05-Dec-80
0000000002	Jane Doe	Female	All group-Default group	+8613424319359	430481199022200476	vgg@gmail.com	000570003321	London	06-Feb-90

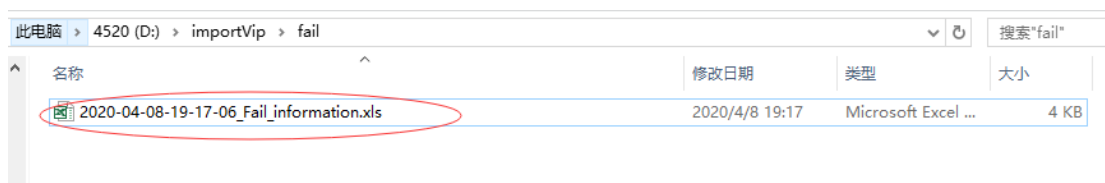


4. Insert the USB port of the device after it is created and import it automatically. The current total number of imported people, successful people and failed people will be displayed.



5. After the import is completed, a fail folder will be created under the importVip directory, and a description of the reason for the import failure will be generated.





## 8.5 Pass records

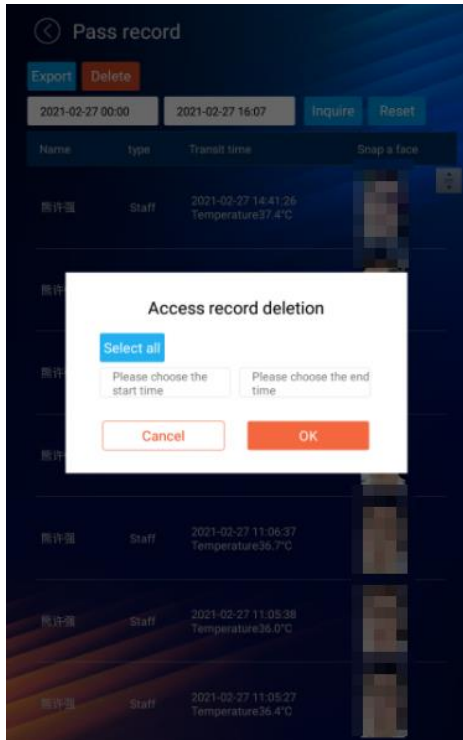
By default, the current day's pass records are displayed. You can query and export the data of the pass records by day (The data of the day is displayed by default, and the exported record needs to be inserted into the USB flash disk), and you can manually delete the pass records within a custom time range. The fields display name, identity, pass time, temperature, and pass snapshot pictures.



- **Delete**

Click the delete button, select the start time and end time in the pop-up interface and submit, then all pass records within the time period will be deleted immediately. In the pop-up interface, select All and submit, all the access records on the device will be deleted immediately.





## 8.6 Application information

Display application and terminal system related information, as shown below:



## 8.7 Face database

The face database page can view the face database information of the current device. The list will display the name, identity, expiration date, type and pictures. Records can be deleted, and local personnel can also be uploaded to the background.

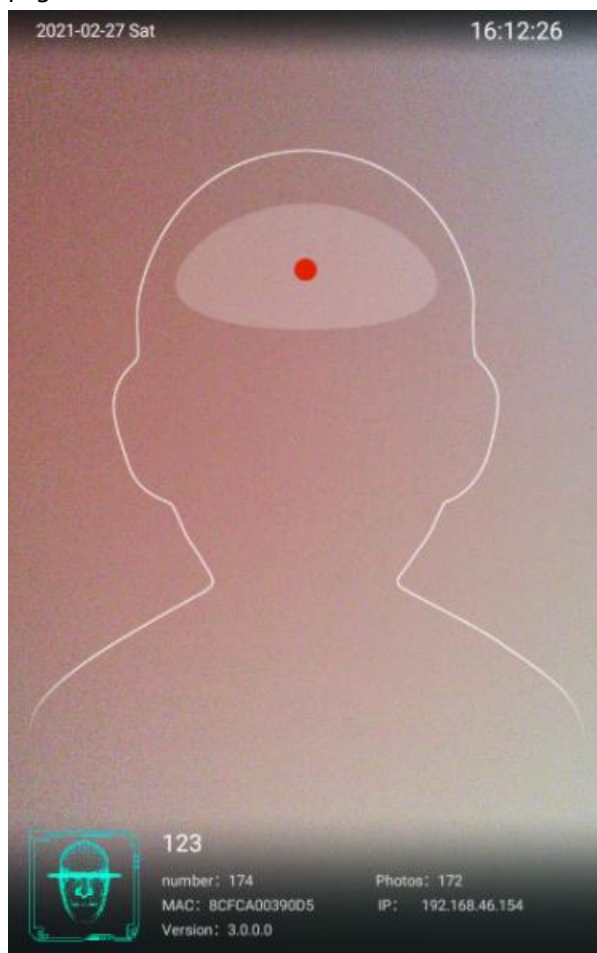


## 8.8 Identify the home page

- **Homepage description**

- 1) The top information bar: The time information bar will automatically synchronize the server time and day of the week.
- 2) Camera screen: The camera screen is displayed in full screen, and the recognition result is displayed when passing through.
- 3) The bottom information bar: The company name, number of people, photo, MAC address, IP address and version number will be displayed.
  1. Company name: The default is to set the company name, which can be set through the background.
  2. Number of people and photo information: The number of people refers to the total number of people in the device, and the number of photos is the number entered in the face database, which changes automatically after synchronizing data.

3. MAC address: It is the mac address information of the current device.
  4. Version number: the current version number of the client.
  5. IP address: It is the current IP of the client. If there is no address, the display is blank, and the address needs to be displayed dynamically.
- 4) Company logo: You can upload a custom picture display on the background device details page.



- **Pass recognition**

It can be identified based on the person's identity. You can also check the body temperature of the identified person, whether to wear a mask, and display the identification results.

## 8.9 Others

- **Person & Paper Comparison**

The client accesses the ID card to identify the peripherals, and the device ID is set to "Person & Paper comparison". Swipe the ID card on the peripheral device. When the ID card matches the currently recognized person, the gate will be opened.

- **Client languages**

The English version has been adapted. After exiting the client, the system language is set to English, and the interface automatically changes to the English version after entering the application.

