



OneScreen GoSafe

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Client App User Manual

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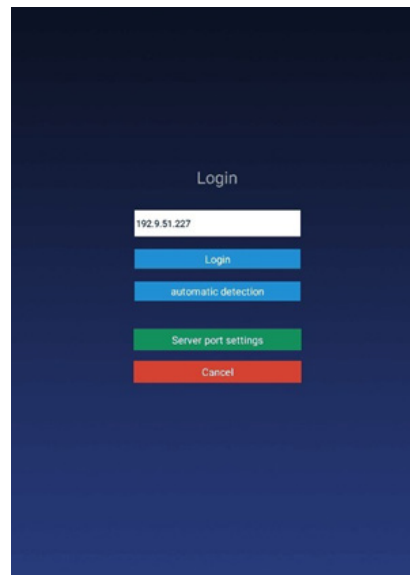
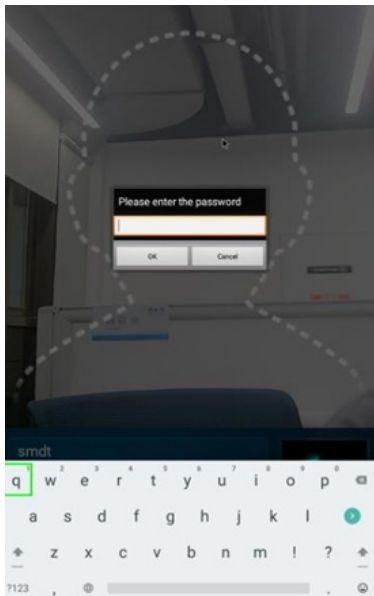
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1. Client Functions

1.1. Client Login

- **Steps**

1. After opening the application on the device, click on the password input box and enter the default password: 123456 to access settings page.
2. Click Login Management to enter the login interface. Enter same credentials which were used on the web page to login.



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

- **Application management**

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

- **Login management**

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

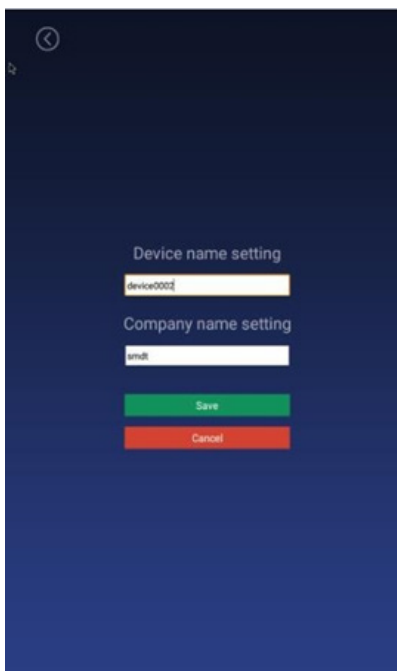
1.2. Application Settings

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



1.2.1. Device name setting

By default, device name is same as its MAC address, which can be modified manually. After logging in, it will be synchronized to the background after changes. You can also change this in the "device details" in the [device management] of the background web page;



1.2.2. Body Temperature Setting

- **Body temperature detection switch**

1. Control body temperature detection function. You can choose to turn on or off. By default it is on.
2. On: During the identification of personnel traffic, the interface will display and broadcast body temperature once recognition is completed.
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 once recognition is completed.

- **Compensation temperature**

1. When the ambient temperature may affect the detected body temperature, you can set compensation temperature to adjust automatically.
2. The compensation temperature value defaults to 0.3, and the setting range is from 0 ~ 1, and can be set accurately to 1 decimal place. Compensation temperature "compensation +" is enabled by default.

Example: For a Compensation of +0.3 degrees, a temperature of 36.1 during identification will be compensated to 36.4 on the display.

- **Alarm threshold**

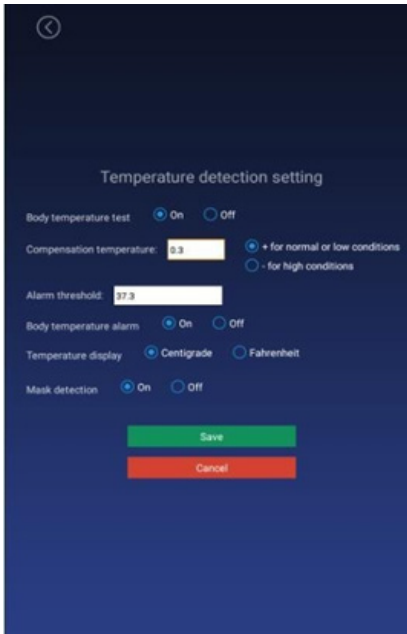
Set an alarm threshold to control body temperature detection. When the body temperature alarm is enabled and the identified body temperature exceeds threshold temperature, an alarm gets triggered. The default threshold is set at 37.3 . Only temperatures between 30.0 and 45.0 can be set in the threshold up to one decimal place.

- **Body temperature alarm**

1. Control body temperature alarm function. You can enable or disable it. By default it is on.
2. On: When the detected body temperature is higher than the threshold, an alarm will be triggered and the body temperature will be displayed. If the body temperature is lower than the threshold, there will be no alarm.
3. Off: Body temperature has no effect on the alarm

- **Mask detection**

1. Control the mask detection function. You can choose to turn on or off this function. By default this is off.
2. On: Recognize without wearing a mask. If a person is not wearing a mask then background becomes red and access is denied. A message is broadcasted which says, "Please wear a mask". Those who are wearing a mask can be recognized normally.



1.2.3. Identification Parameter Setting

- **Test threshold**

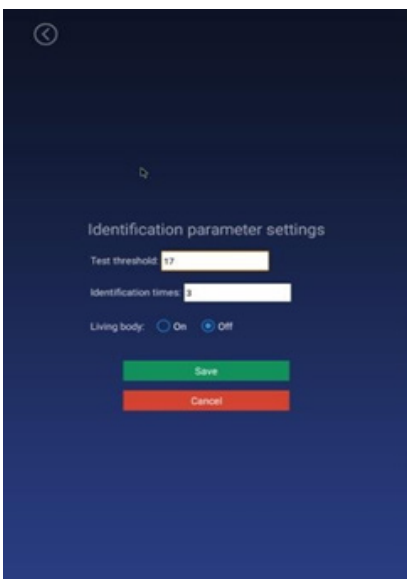
It is used when checking images into the library. The higher the threshold setting is, the lower the image requirements are. It needs to be set reasonably. The default value is 17.

- **Number of recognition**

The number of times to identify whether a person is a VIP. The default value is 3.

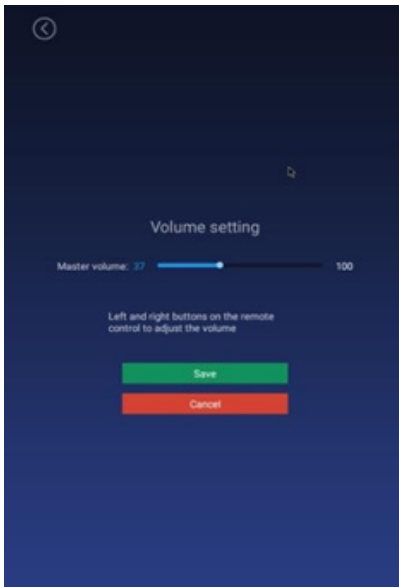
- **Living portrait detection**

This function enables live detection while identifying a person. By default this function is disabled, however, the user can enable this anytime.



1.2.4. Volume Setting

After logging in, volume settings of the synchronization server can be set locally.



1.2.5. Start-up Settings

- **Auto-start**

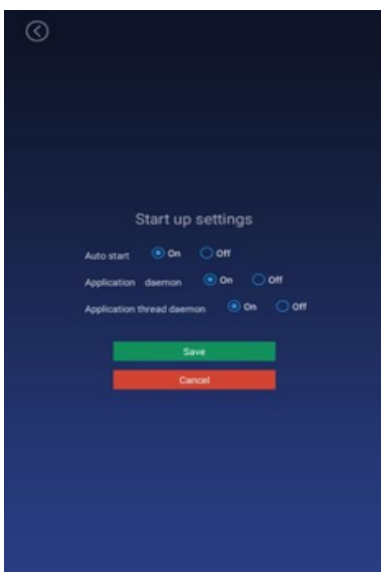
Upon startup, the application will launch automatically

- **Application daemon**

When the application is launched, it will automatically jump back to the playback interface within 30s once you exit the page. It will not automatically jump back when the app is closed.

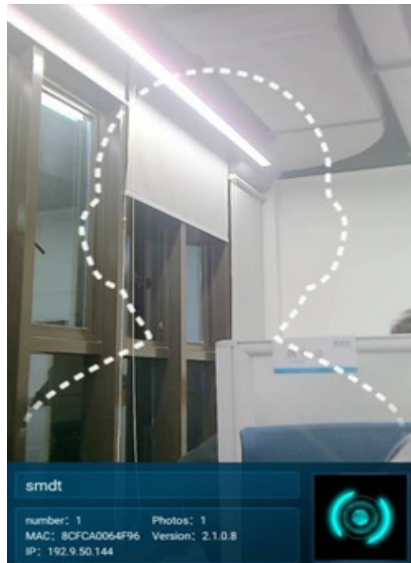
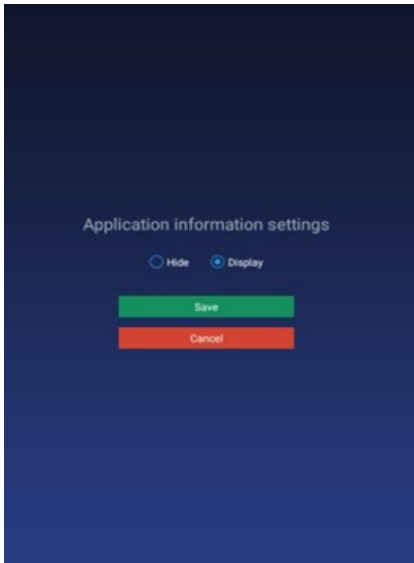
- **Application thread guard**

The camera will restart if it is not working properly.



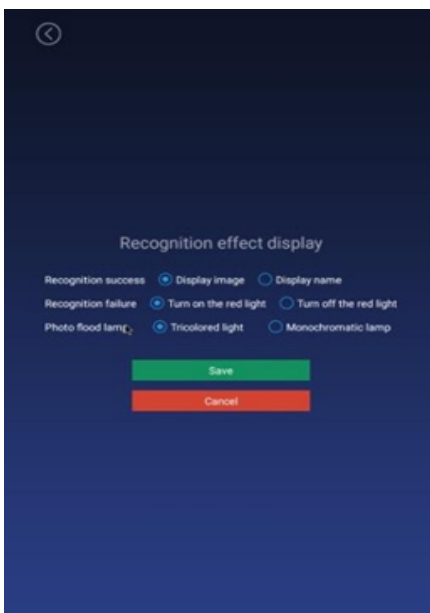
1.2.6. Application Information Settings

Here you can set whether to show or to hide bottom information bar when full screen is toggled. By default, it is set on Display.



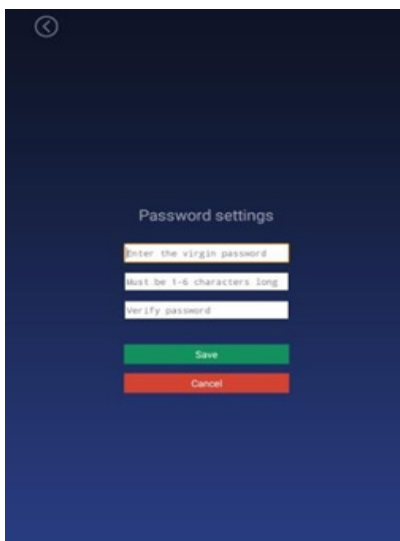
1.2.7. Recognition Effect Display

Here you can modify settings related to Recognition success, Recognition failure, and Photo flood lamp. The available settings are shown in the picture below:



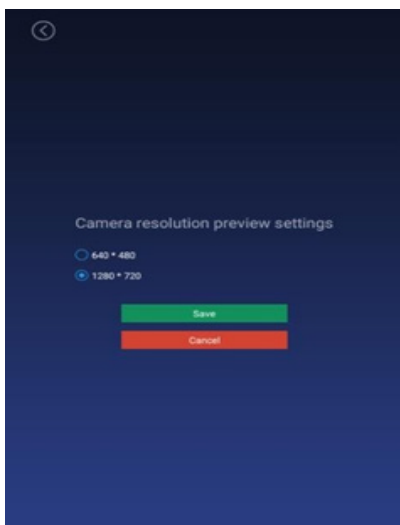
1.2.8. Application password settings

1. You will have to enter the default device password before entering the login management, entering the application settings after login, and exiting the application. The default password is 123456.
2. The password can also be set in [Equipment Management] "Parameter Settings" on the background web page.
3. You can modify the password by entering original password followed by your new password. Confirm the new password, and save it. Password length is limited to 1-6 digits and can't be set as empty.



1.2.9. Camera Preview Resolution Setting

Here you can set resolution of the camera during face recognition. The default setting is 1280 * 720.



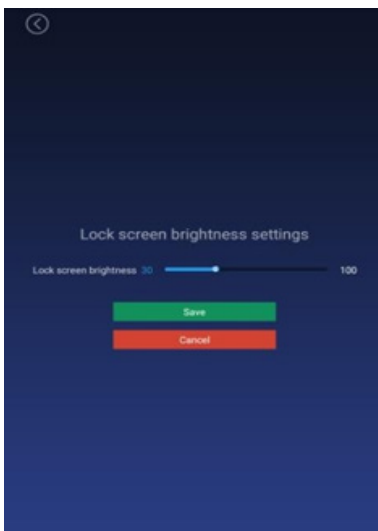
1.2.10. Screen-saver Brightness Setting

- **Screen-saver**

1. When there is no face recognition going on, screen saver will be displayed. However, after recognizing a face it will switch from screen saver to the homepage.
2. Homepage will come up on startup, and if no face is identified within 30 seconds it will automatically switch to screen saver.

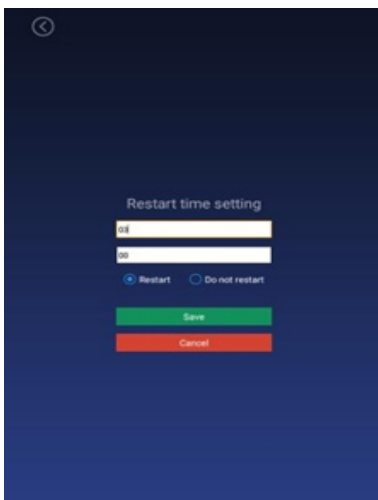
- **Screen-saver brightness setting**

Use the slider to adjust brightness accordingly and then save it.



1.2.11. Device Restart Time Setting

You can schedule a daily restart time for your device. This is a 24-hour clock system, input the time and then save it. Now your device will restart automatically every day on the set time. However, if you do not, you're your device to restart automatically, simply select the "Do not restart" option and save.



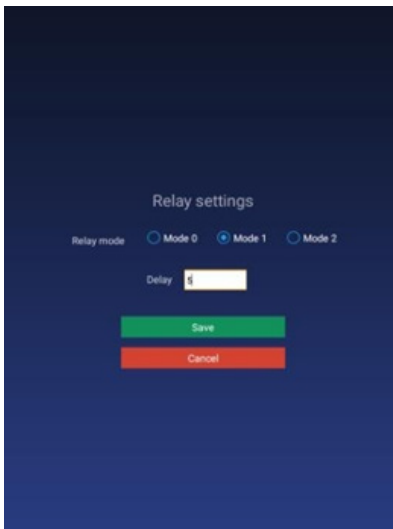
1.2.12. Relay Settings

- **Relay mode**

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

1: Indicates automatic closing mode (high input signal will maintain the relay at low output level, then high level for X seconds, and finally low level). That is, after opening, the relay will automatically close after a delay of X seconds.

2: Indicates auto-close mode (low input signal will maintain low output level, then high level for X seconds, and finally low level). That is, after opening the relay will automatically close after a



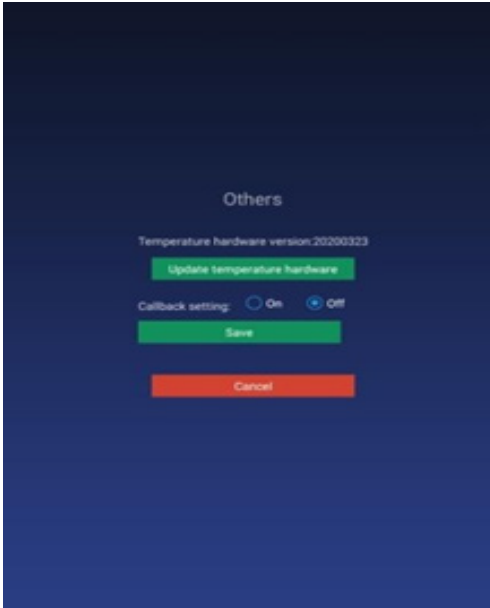
1.2.13. Others

- **Upgrade firmware of temperature module**

The temperature hardware can be manually upgraded through the application settings. First, insert the USB disk and then enter the firmware upgrade. Now select the hardware which you want to upgrade manually. After the upgrade, new version number will be displayed accordingly. The hardware file needs to be placed in the root directory of the USB disk, and the file name must be update temp.bin

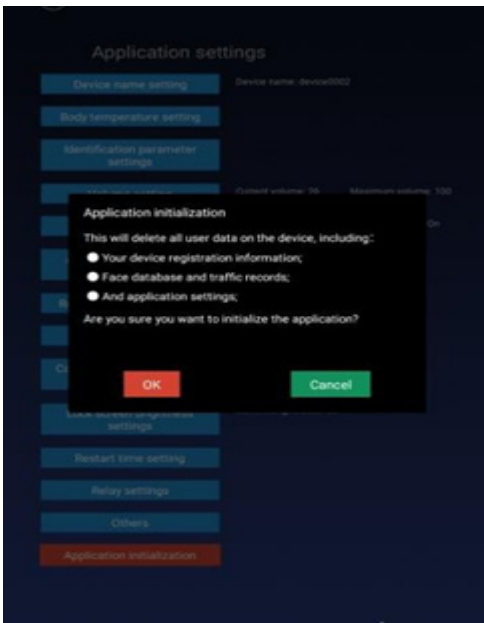
- **Callback settings**

1. It includes turn on and off.
2. Turn on: The user needs to input a callback address which is implemented according to the callback interface document provided by us.
3. Turn off: The callback function is off and there is no call back.



1.2.14. Application initialization

The application initialization function will clear all data and restore it to the initial state. This includes user login information, recorded face information, pass record, and settings in the application.



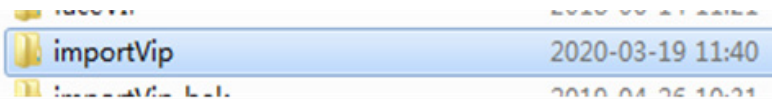
1.3. Face Portrait Entry

The user can record personnel information of face image, employee ID, name, gender and save locally. This information will be synchronized in the background after creating a successful record of it. After face detection, the image verification will be performed and the verification result will be displayed.

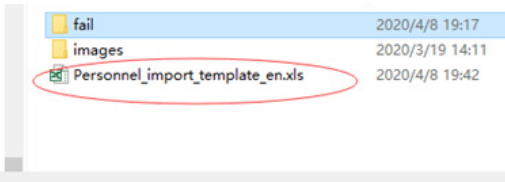
1.4. Personnel Import in Bulk

In addition to a single-entry method, you can also import personnel data to the client in batches via a USB disk. The import can be done using an excel spreadsheet in the correct format. The detailed operation steps are as follows:

1. Create importVip directory in a USB 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.

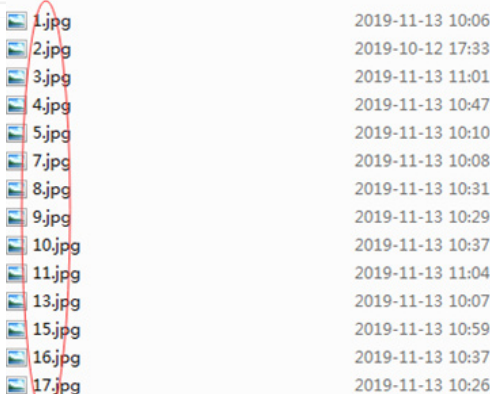


3. Create an images directory to store the pictures of the people which you need to import. The picture name is the employee ID of the excel form, and the supported formats are png and jpg.

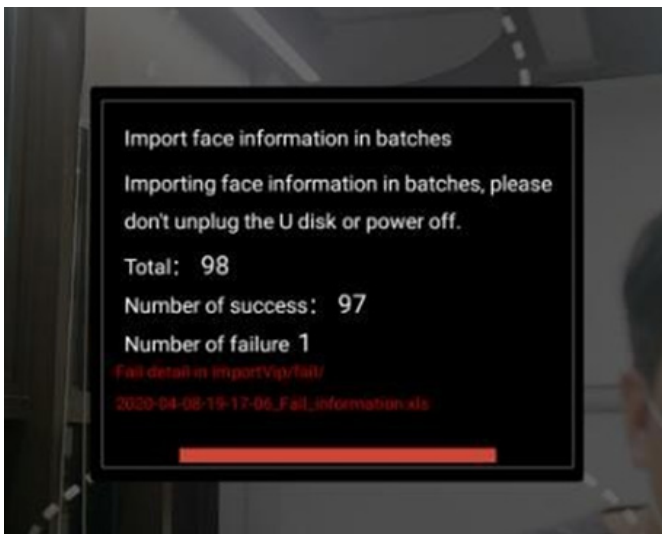
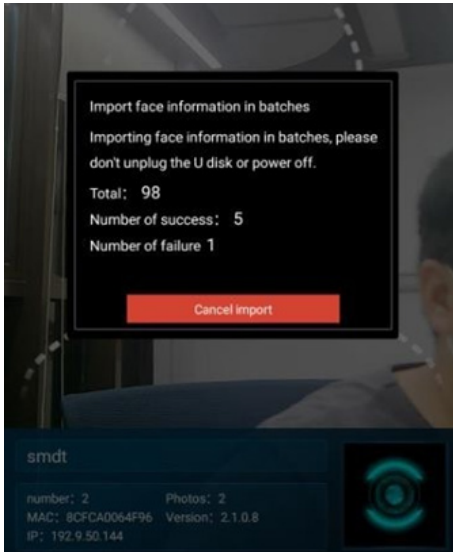
Instructions:

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 num
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	af@zmail.com	000230001212	London	05-Dec-80
0000000002	Jane Doe	Female	All group-Default group	+8613424319359	430481199022200476	vz@zmail.com	000570003321	London	06-Feb-90



4. Insert the USB into the device once it is created. Files will be imported automatically. The current total number of imported people, successful people and failed people will be displayed.
5. After the importing the files, a failed folder will be created under the import VIP directory, and a description of the reason for the import failure will be shown.



1.5. Pass Records

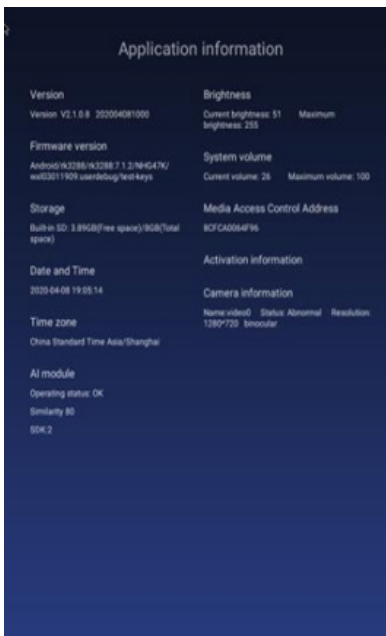
The pass record of the day is displayed by default, and the data can be queried and exported into an external storage device. Daily record contains information about name, identity, time, and temperature and a picture.



Name	type	Transit time	Snap a face
tony	Staff	2020-04-08 19:04:30 Temperature 37.3°C	
tony	Staff	2020-04-08 19:03:33 Temperature 37.3°C	
tony	Staff	2020-04-08 19:02:54 Temperature 37.3°C	
FK	Visitor	2020-04-08 19:02:49 Temperature 37.3°C	
FK	Visitor	2020-04-08 19:02:03 Temperature 37.3°C	
FK	Visitor	2020-04-08 19:01:32 Temperature 37.4°C	

1.6. Application Information

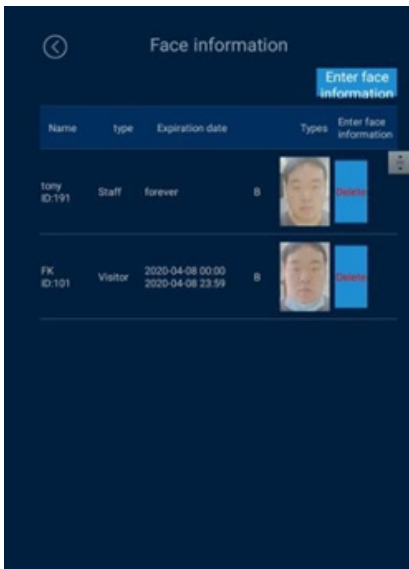
Here you can find all the information related to your application as shown in the figure below:



Application information	
Version Version: V2.1.6.8 202004081000	Brightness Current brightness: 51 Maximum brightness: 255
Firmware version Android/K32388/K32388.7.1.2-1904047N/wall02011909 userdebug/test-keys	System volume Current volume: 25 Maximum volume: 100
Storage Built-in SD: 3.89GB(Free space)/40GB(Total space)	Media Access Control Address 8CFCA0054F95
Date and Time 2020-04-08 19:05:14	Activation information
Time zone China Standard Time Asia/Shanghai	Camera information Name: rhd001 Status: Abnormal Resolution: 1280*720 Iris: circular
AI module Operating status: OK Similarity: 80 SDK: 2	

1.7. Face Database

The face database page includes name, ID, validity period, type, and picture. Records can be deleted and local data can be uploaded to the background.



1.8. Identify the Home Page

- Homepage description

1. Top: The time information bar will automatically sync server date and time.
2. Camera screen: the camera screen is displayed in full screen and the identification result is displayed when someone passes.
3. The bottom information bar: company name, number of person, photo, MAC address, IP address, version number
 - (i) Company name is set by default. It can be set through the background.
 - (ii) The number of people and photo information. The number of people is the total number of people on the device. The picture is the number of records in the face database. It changes automatically after synchronizing the data.
 - (iii) The MAC address is mac address information of current device.
 - (iv) The version number shows the current version number of the client.
 - (v) IP address is the current IP address of the client, if there is no static IP address being displayed entered then the display is blank and the address will be set dynamically.



- **Pass recognition**

It can identify a person according to their ID, and it is possible to measure their temperature and check if they are wearing a mask.

1.9. Others

- **Person & Paper Comparison**

In the device parameters set the ID card to "Comparison of person and ID card". Now the gate will open when ID card information matches the identified person.

- **Client languages**

By default the device is set to English language.