



EFACE

Gate attendance system

OPERATING INSTRUCTIONS

—
Gate attendance system



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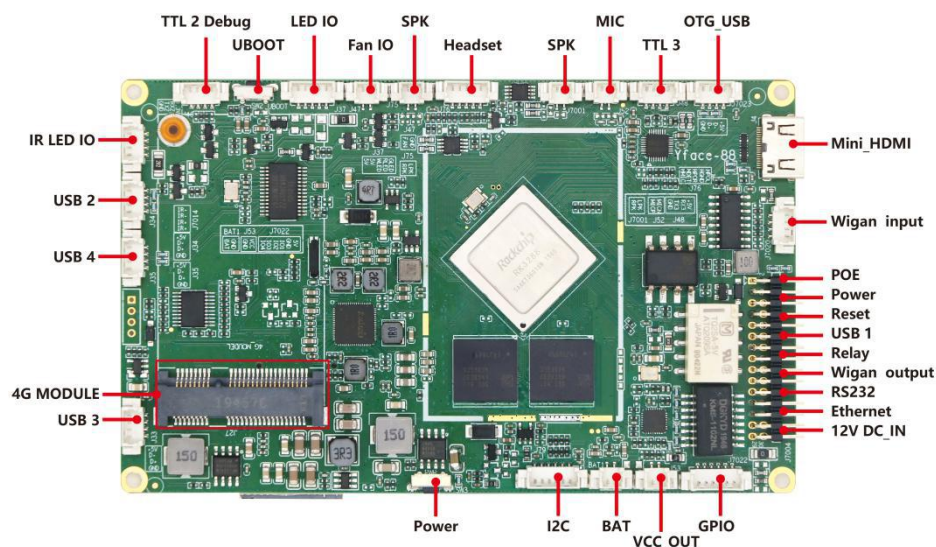
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Hot selling motherboard recommendation

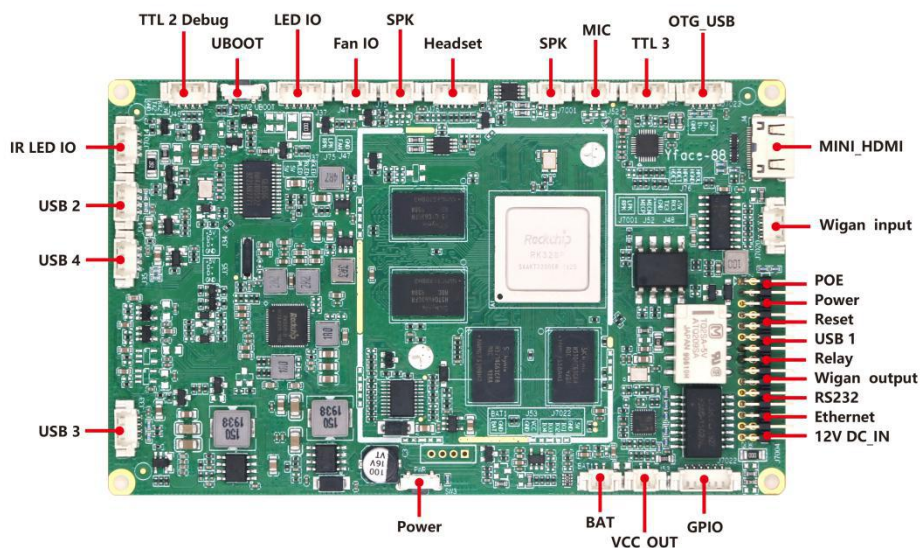
Yface-88

The conventional product is an intelligent Android mainboard, rich peripheral control interfaces and expansion adapter board, which perfectly meets the needs of industrial control interfaces. The product has a wide range of application scenarios in the fields of intelligent channel, intelligent gate, intelligent attendance and so on.

This product uses the core micro rk3288 chip, cortex-a17 four core processor, and Android 7.1 system. The main frequency is up to 1.8 GHz, with super performance. Mali-t764 GPU is used to support 4K and h.265 hard decoding.



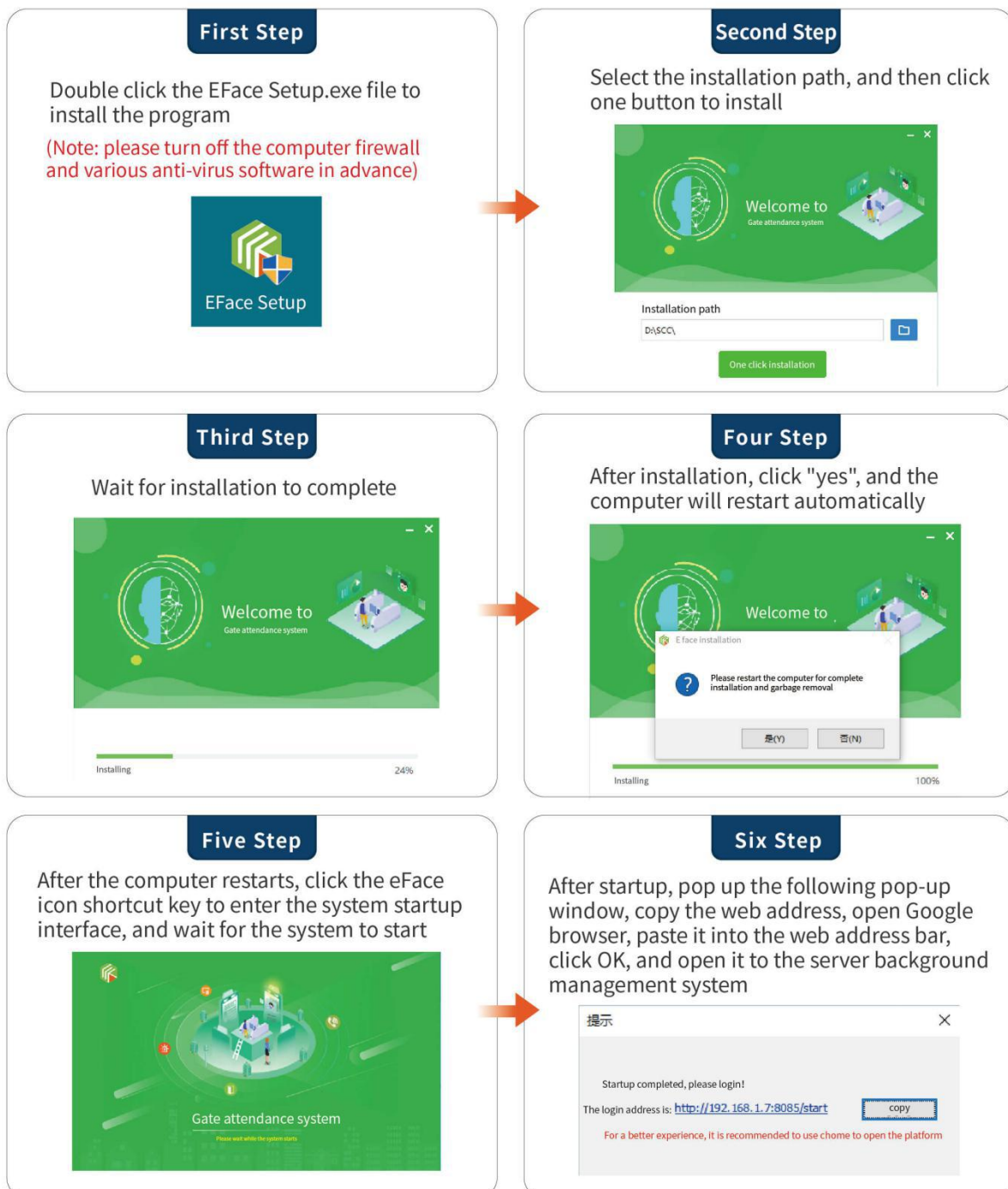
(4G MODULE)



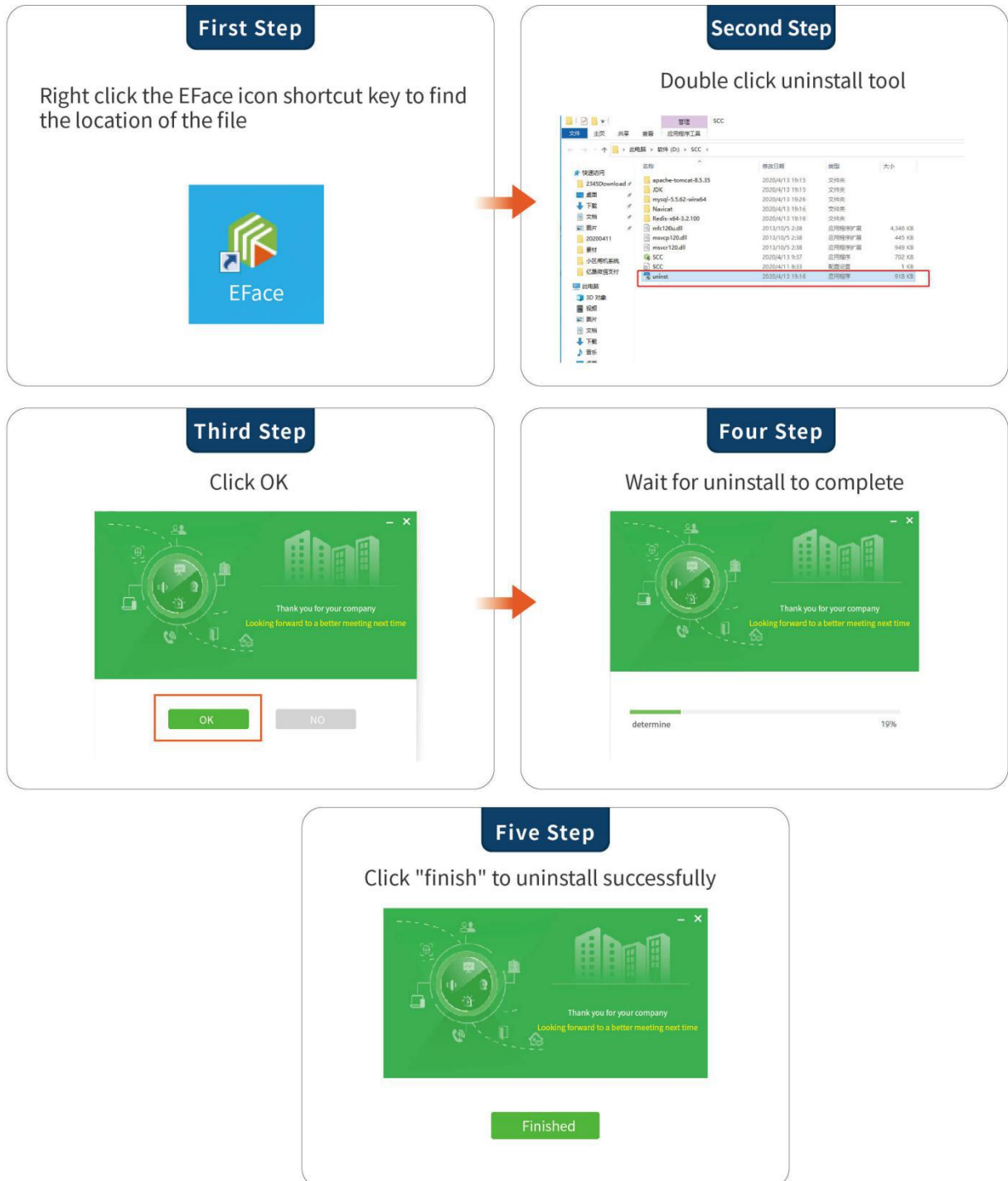
(Regular)

Chapter 1 Introduction to the system

1.1 Server installation steps



1.2 Uninstall steps

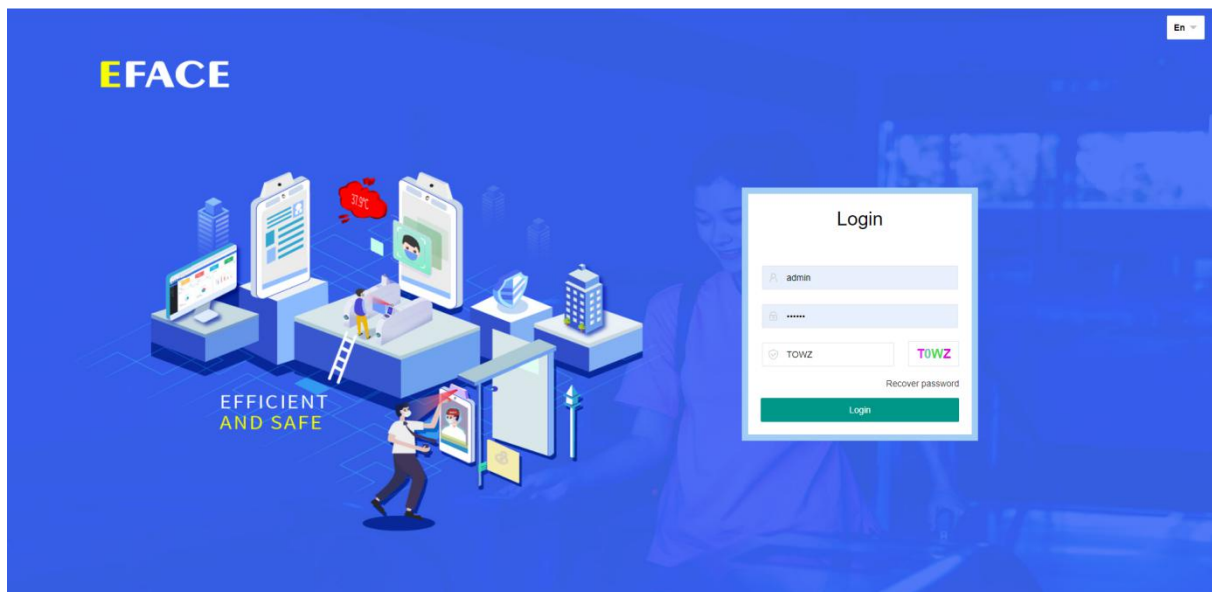


1.3 User Login

Log in with the account password provided by the superior administrator

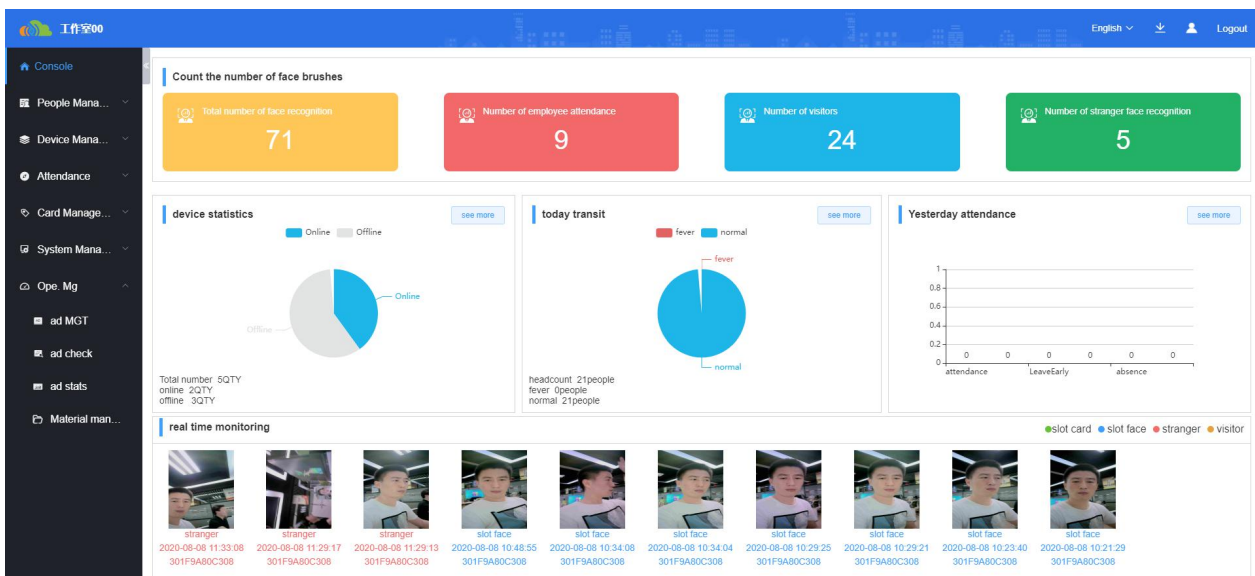
LAN account. Password is **admin**

- If you forget your password, click forget password to retrieve it.



1.4 home page

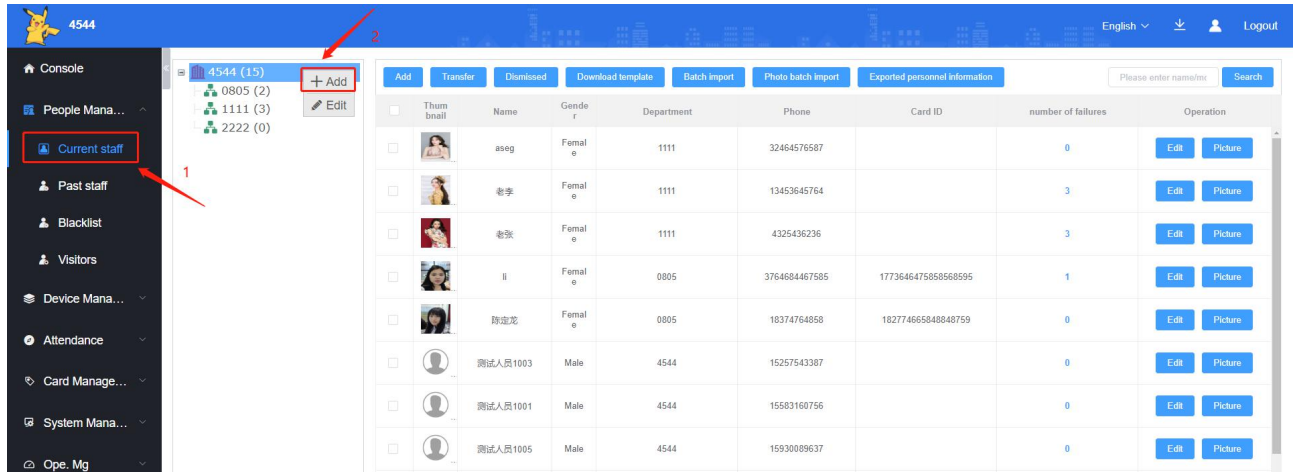
- **Home page information:** click home page, we can see the statistics of face brushing times, online and offline equipment statistics, the statistics of the number of normal traffic and fever today, yesterday's attendance statistics and real-time statistics of employees, visitors, etc. on the current page.



Chapter 2 system use process

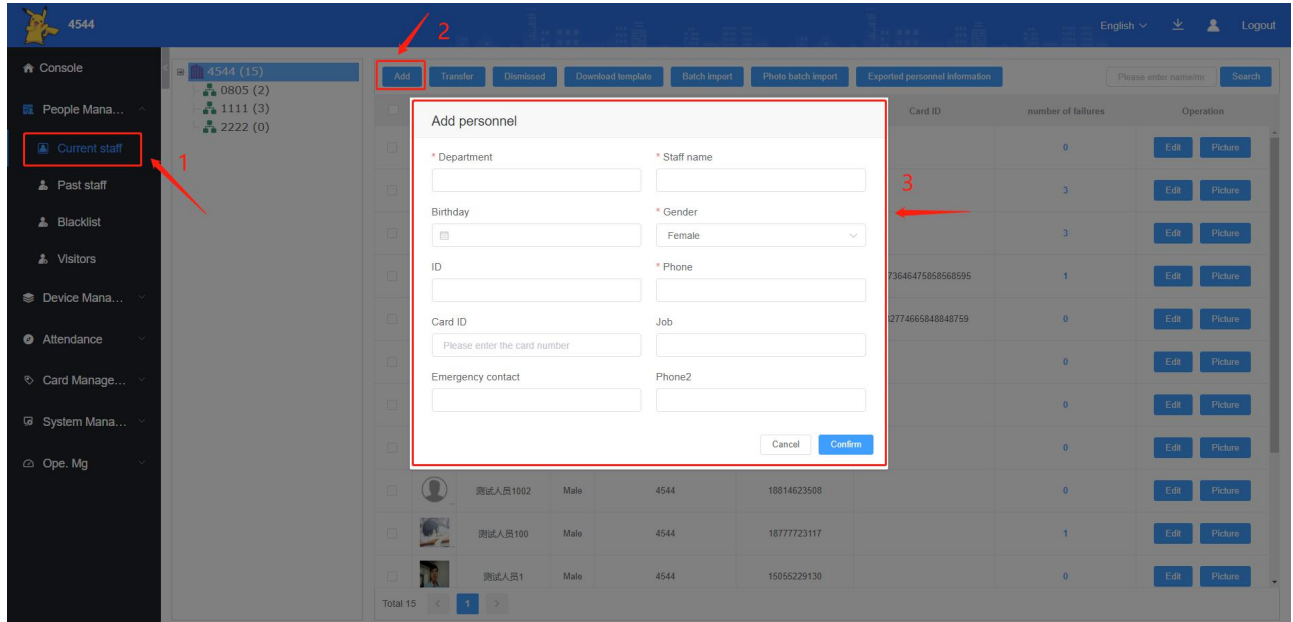
2.1: add group

Right click the organization to open the new group function. Click new group to create a new department organization.



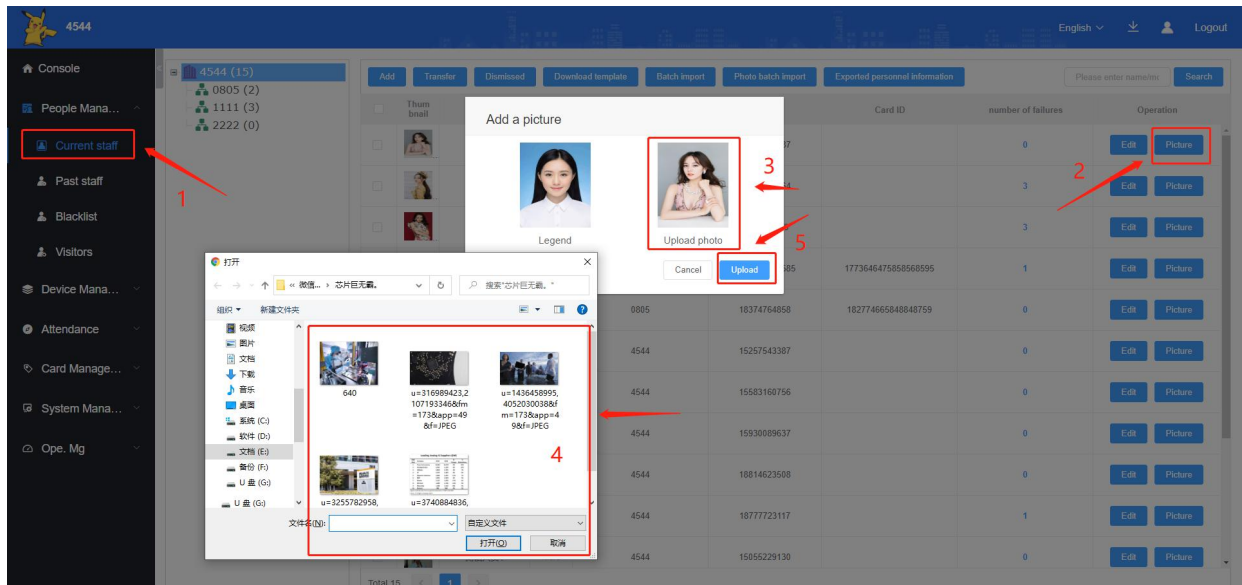
2.2: New employees

Click employee management - add button - a dialog box will pop up. Enter the corresponding information according to the prompt, and click OK.



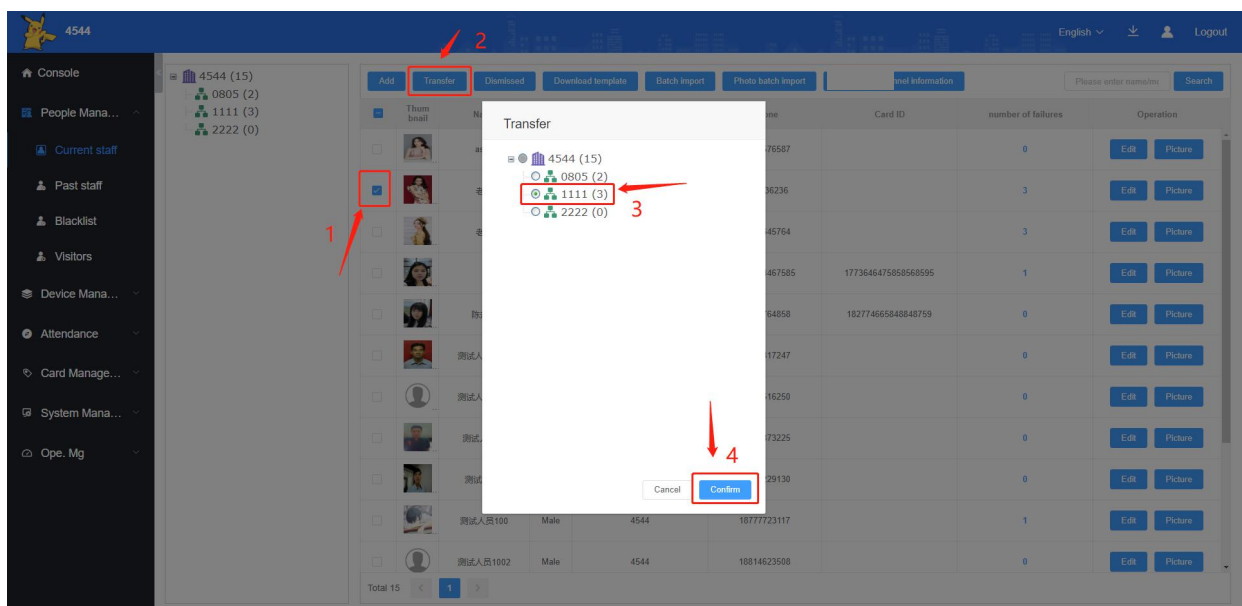
2.3 Add a picture

Click the face map on the right of the person - a dialog box will pop up. Select the image according to the prompt steps and upload it.



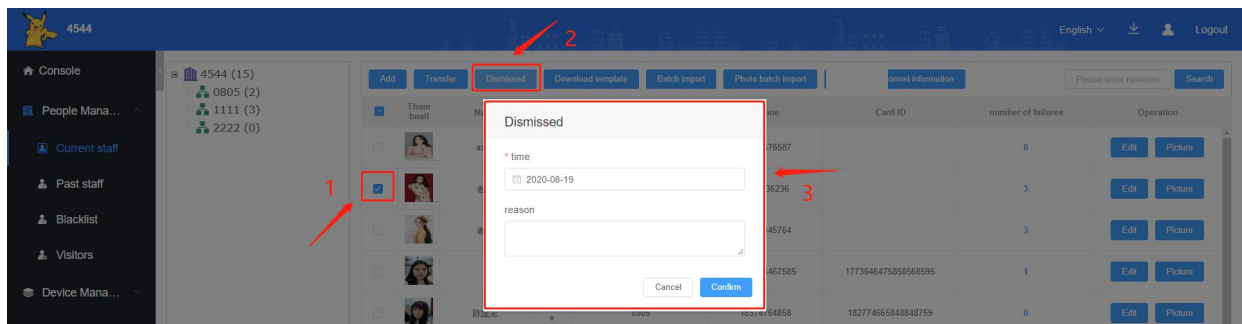
2.4: Personnel transfer

Select the personnel to be transferred, click transfer, select the group to be transferred, and click OK.



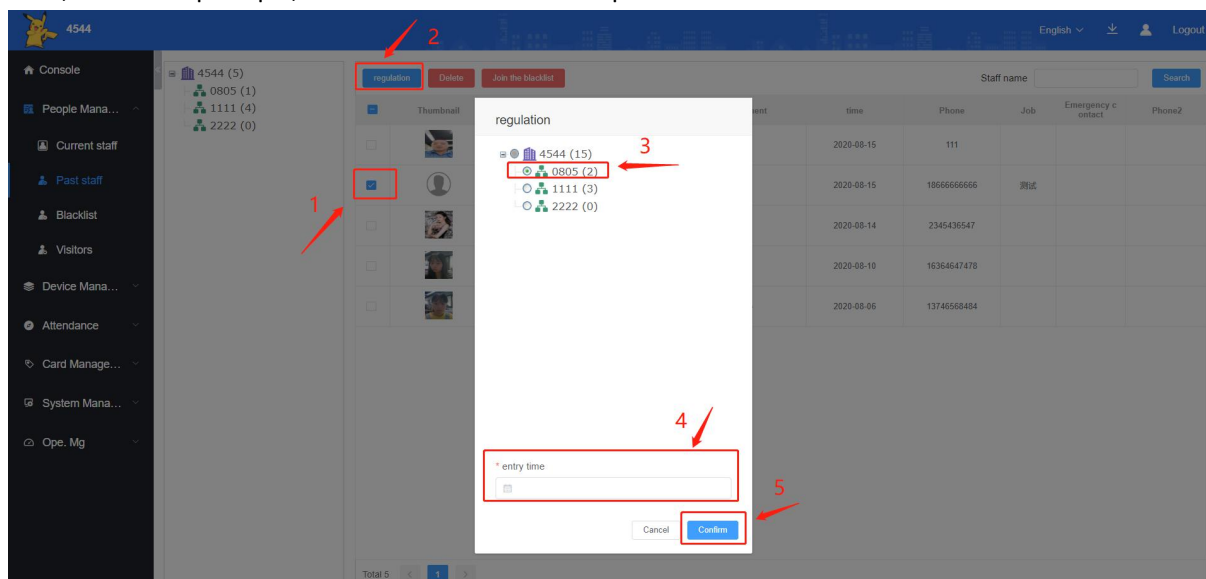
2.5: Resignation

Select the employee to be resigned - click resignation, enter resignation related information, and click OK.



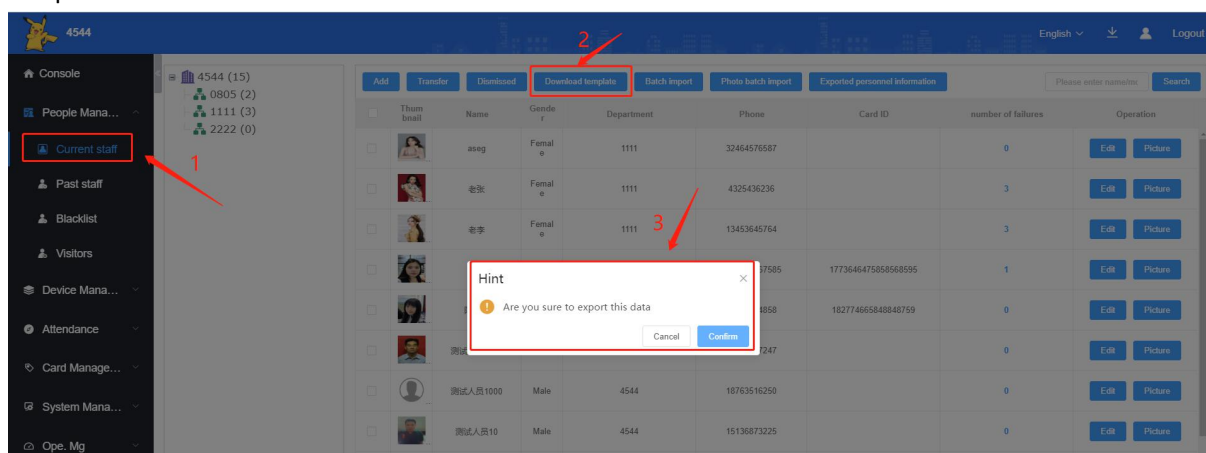
2.6: Reinstatement of personnel

In the resigned employee menu, select the employee to be resigned, click reinstatement - to open a dialog box, follow the prompts, and click OK to restore the position.



2.7: Batch import personnel operation

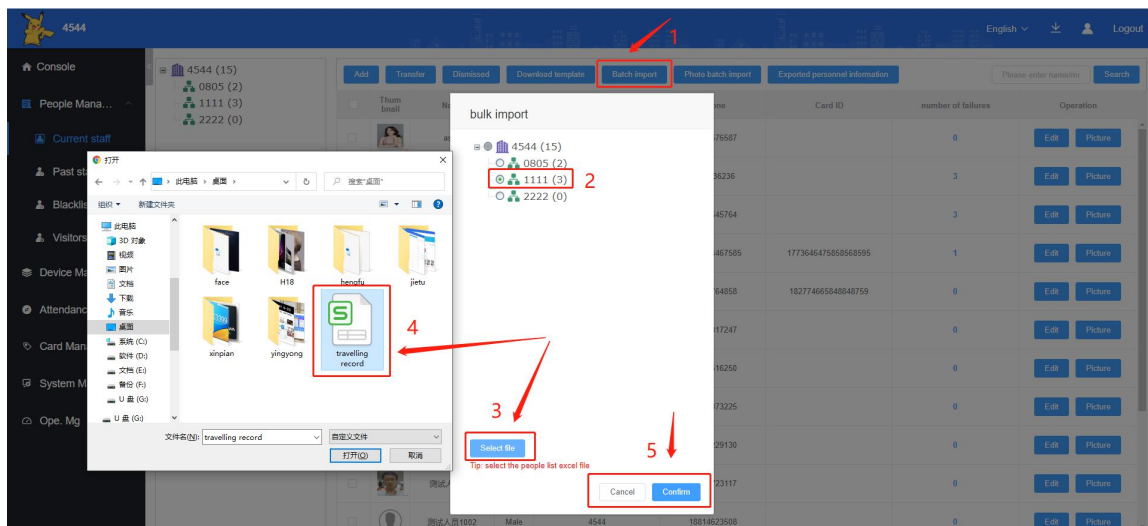
2.7.1: download the batch template, and input the corresponding information according to the prompts in the template.



批量人员信息模板 Batch personnel information template					
姓名(必填) Name(required)	性别(必填) Gender(required)	联系电话(必填) Mobile(required)	身份证 ID	紧急联系人 emergency contact	紧急联系人电话 Emergency contact number

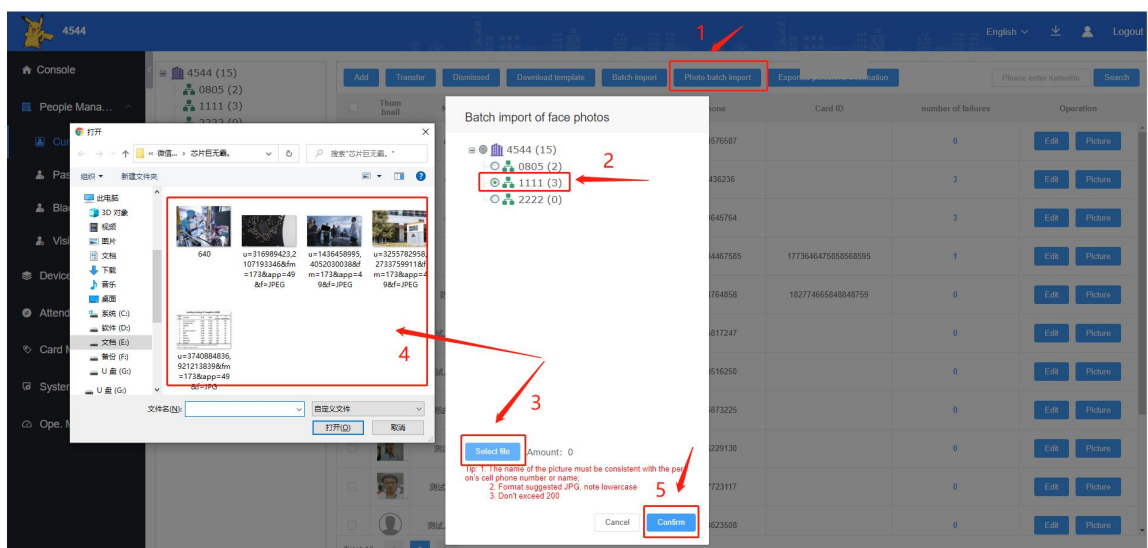
2.7.2: Import template to server

Click batch import personnel - select the Department to import - select the uploaded file according to the prompt, and click OK to complete the operation.



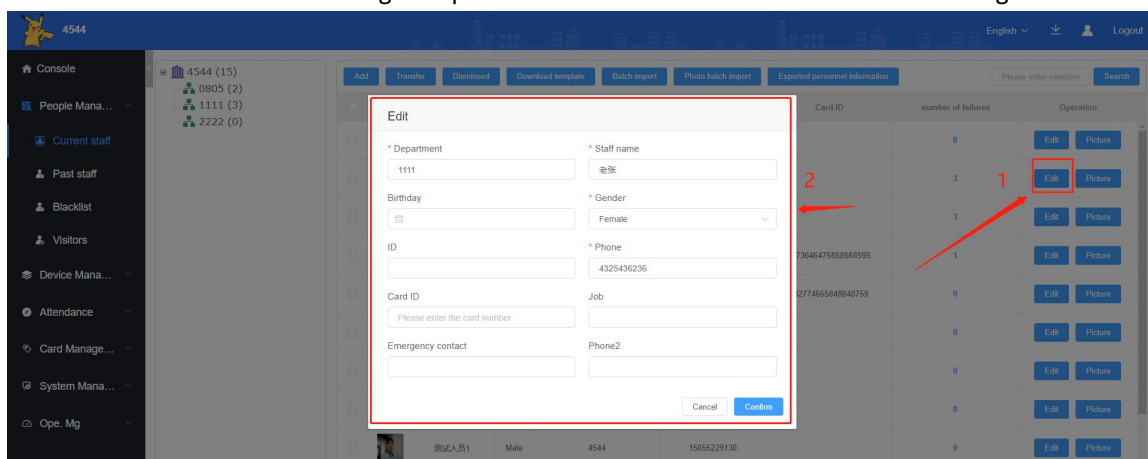
2.7.3: Batch import face pictures

Click batch import face photos, pop up a dialog box, select the organization to import, click add file, select the image to import, and click confirm (Note: the image name must be the name or mobile number to upload successfully)

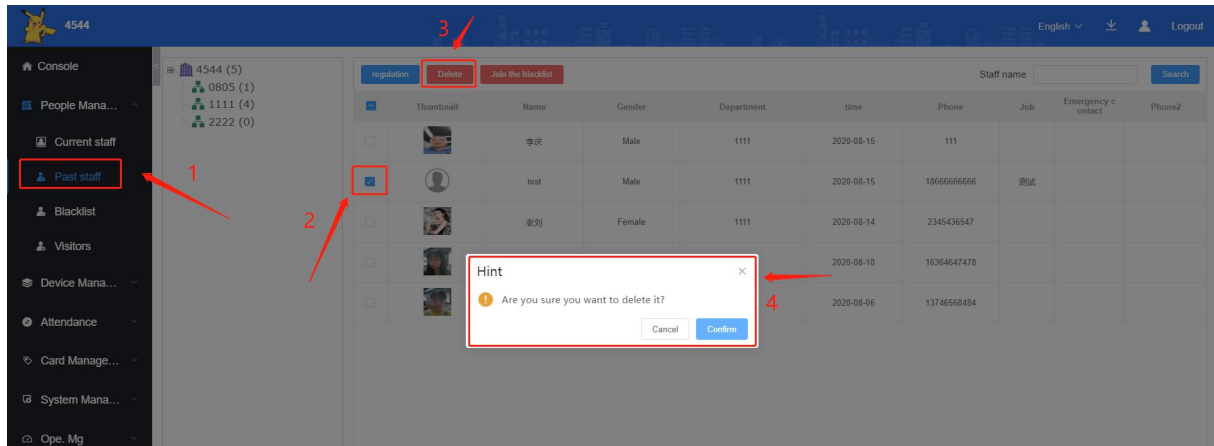


2.7.4: People editing and deleting

Edit: click the Edit button on the right of personnel information to edit and save according to the reminder

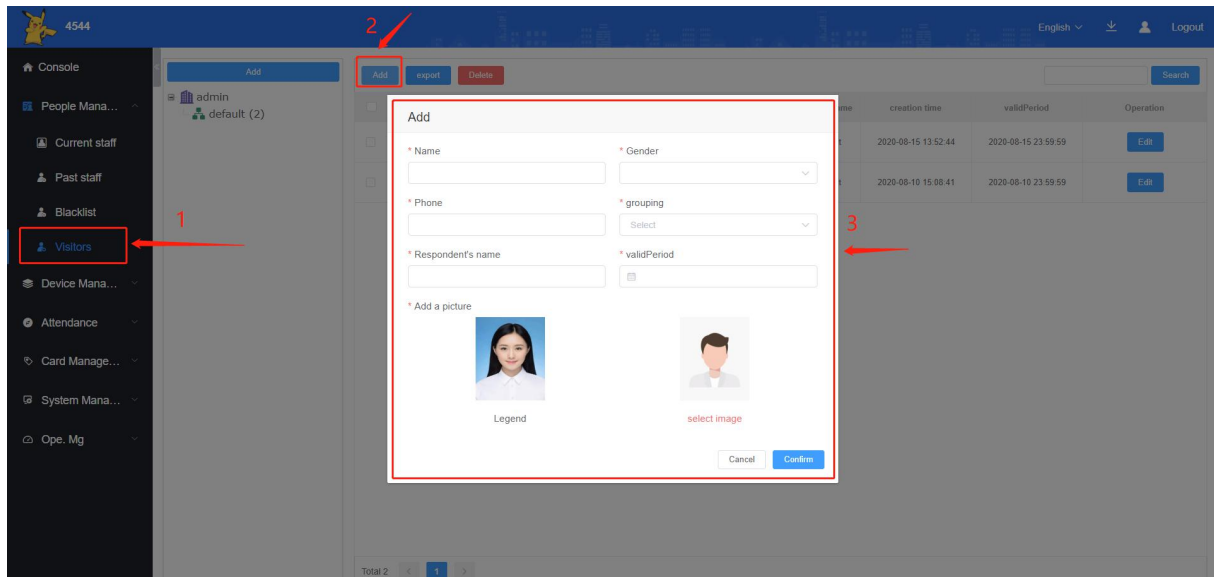


Delete: in the resigned employee interface, select the person to be deleted and click Delete to open a dialog box to delete the work according to the prompt



2.8: Visitor management

Click the menu on the left, click the Add button, the input information box will pop up, input relevant information according to the prompt, and click OK to create a visitor

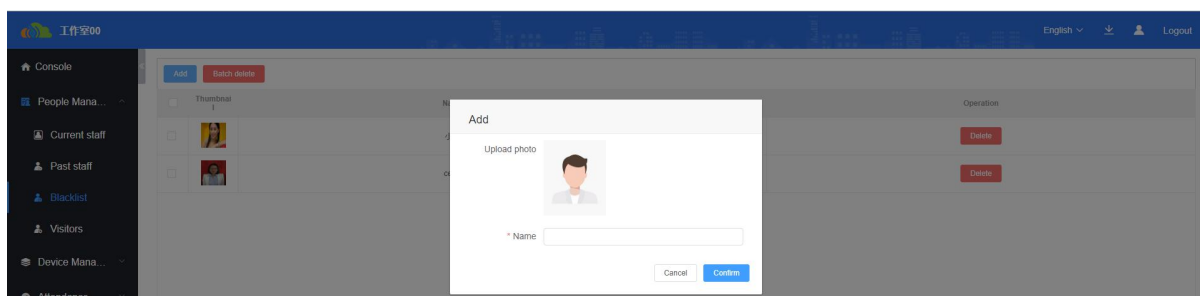


2.9: The blacklist

Currently the software supports blacklist operation. Click the add button, a dialog box will pop up to input the name according to the prompt, add picture information, then add the blacklist

Delete the blacklist

Select the person information in the list and click the batch delete button at the top to delete the selected blacklist

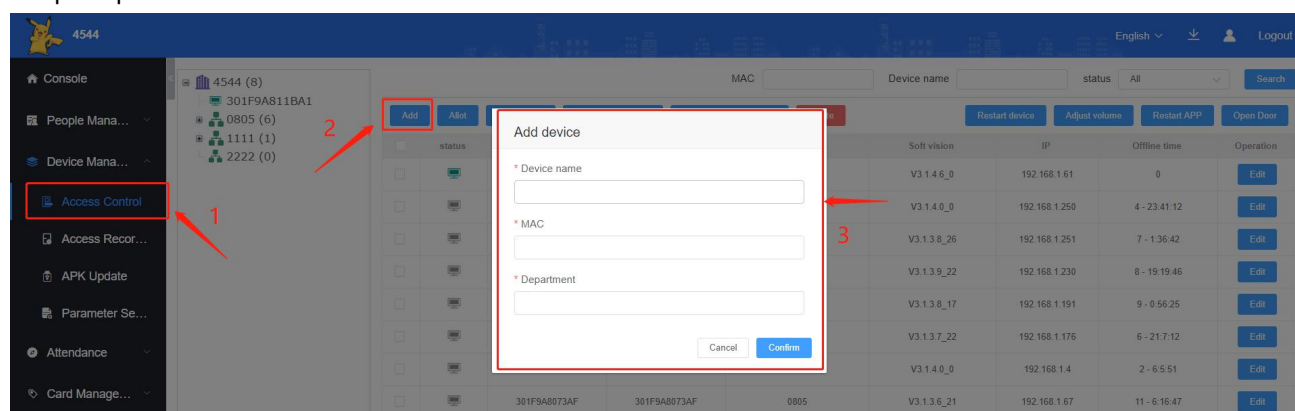


Chapter 3 equipment management

3.1 access control

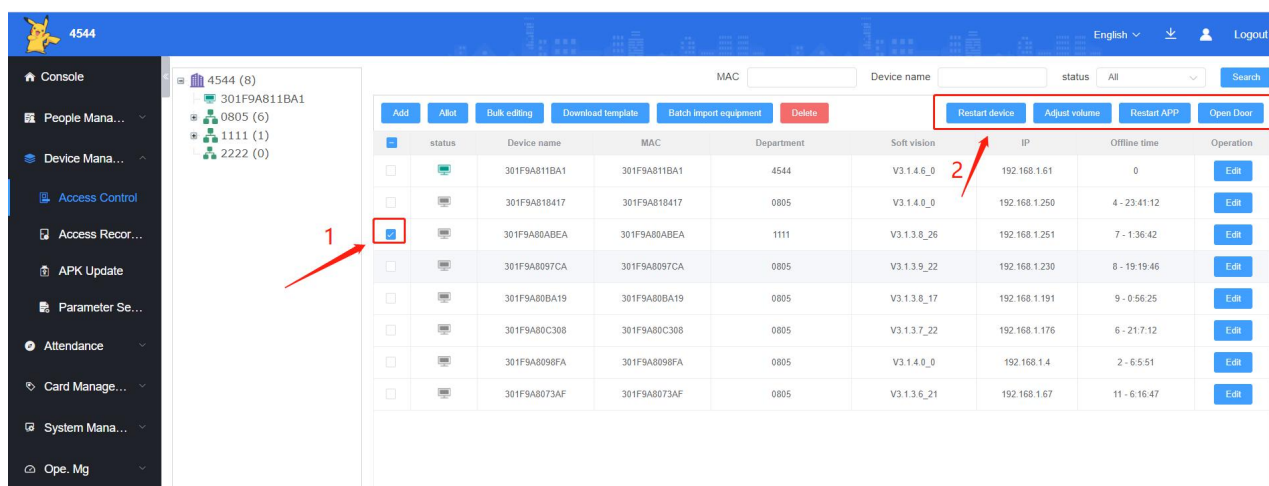
Add device

Click access control management - add button - pop up dialog box - input relevant information according to the prompt - click OK to create the device.



Equipment command operation

Select the device - click the top command operation - pop up the dialog box, and only operate from the.

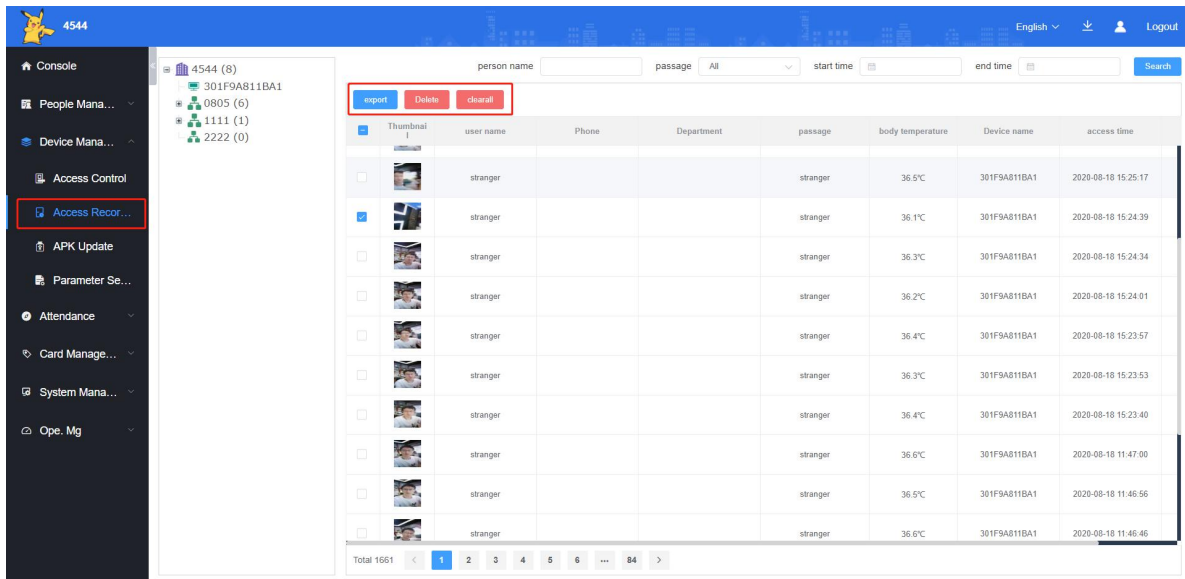


3.2 Traffic records

Here you can view the access records of all users, accurately view the opening records of any time period of the access control, the way of opening the door, the user's temperature and department, as well as who opened the door, the mobile terminal, swipe the card, face recognition and other relevant information.

The administrator can quickly and accurately screen the high-temperature population according to the user's temperature, and can also count the times of access control according to the access information, as well as the time of opening and closing the door, and the way of opening the door. The age, gender, and other big data information of the door opener. Do some related services and advertising operations behind the crowd

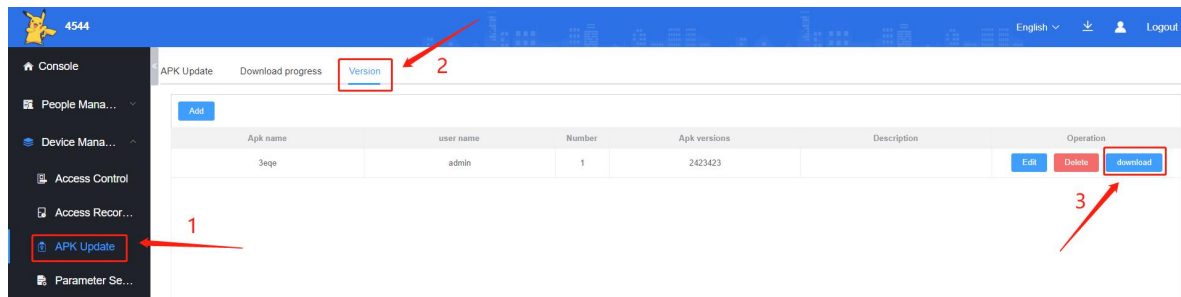
information.



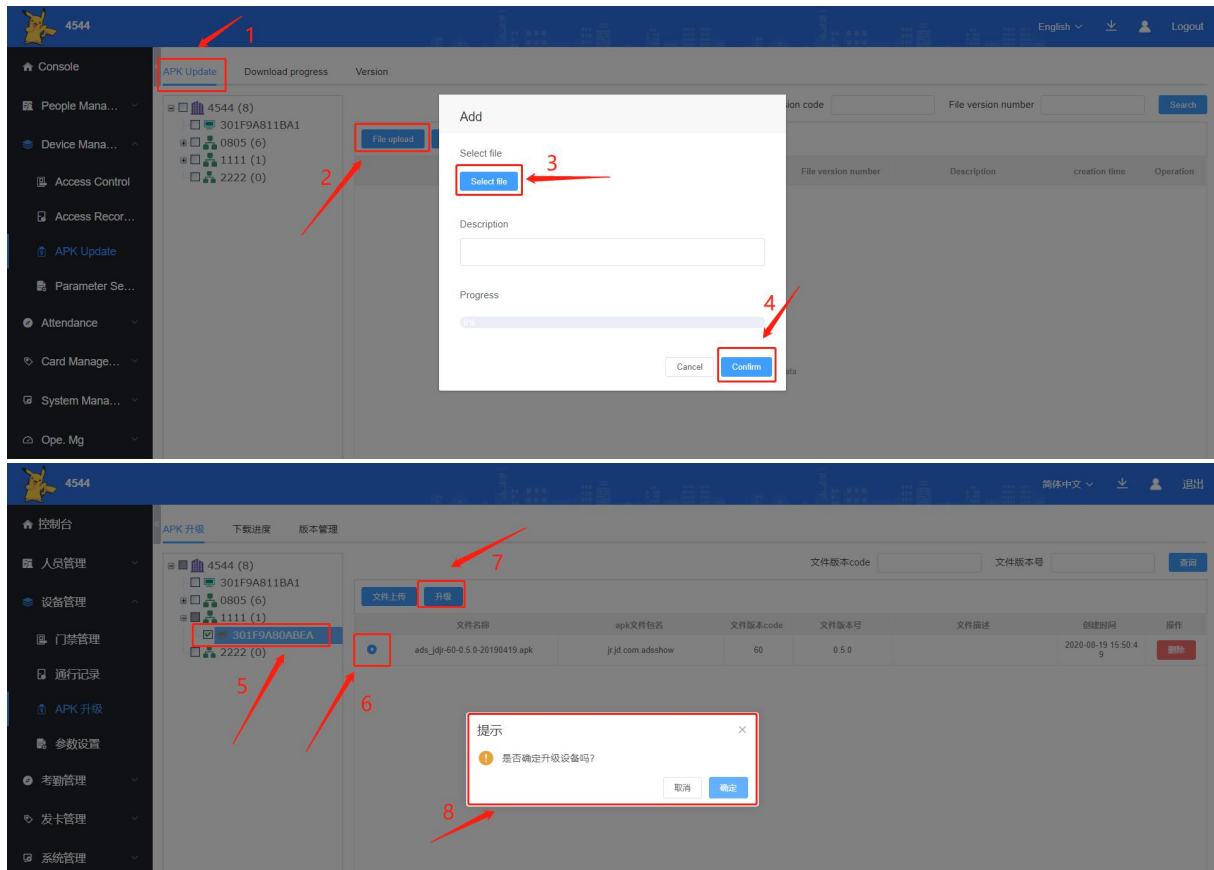
Export: click export to export all information of the user's access record **delete:** check the data to be deleted and click Delete.

3.3 Apk upgrade

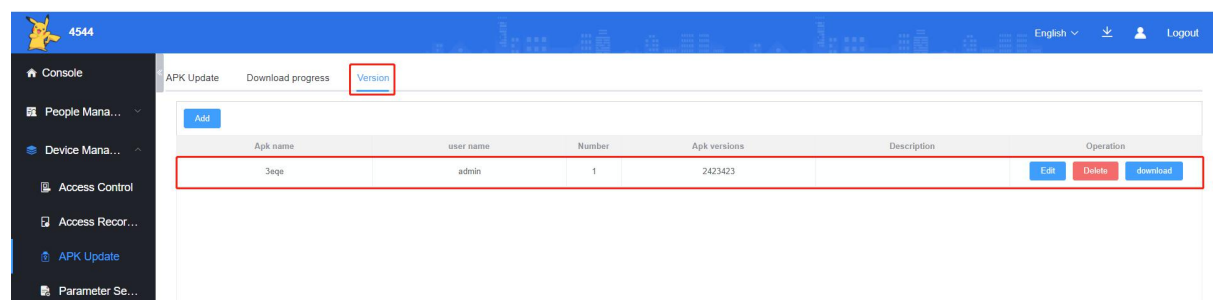
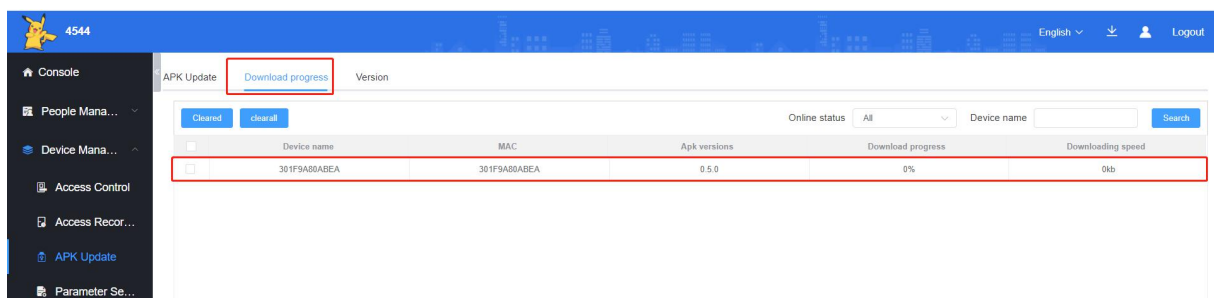
Download APK, click APK to download, and in the right version management, you can view the version list in the list. Click the Download button, and you can download different versions of APK for installation



- **Step 1:** upload file: click upload file, in the add file pop-up box, click "select file" - add file description - click OK
- **Step 2:** Upgrade: select the Department, check the APK file to be upgraded, and click upgrade - OK



- **Step 3:** upgrade progress: enter the upgrade progress page. When the upgrade progress is 100%, the upgrade is successful
- **Step 4:** enter the version management page: add new APK, edit and download the uploaded APK.



3.4 Parameter setting

➤ Basic setting

You can set the guard status, startup, guard time, and password settings

➤ Face parameters

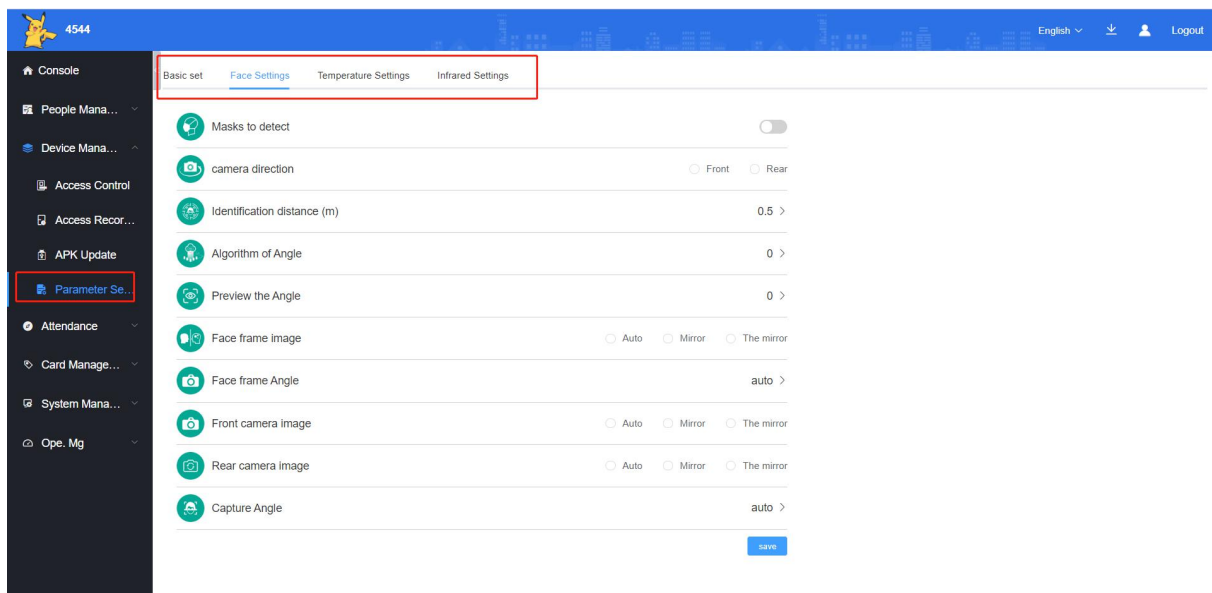
It can open mask detection, set camera direction, set distance, algorithm angle, preview angle, face frame image, etc

➤ Temperature setting

Temperature measurement peripheral, serial port, baud rate, time and compensation can be set.

➤ Infrared setting

It can turn on the infrared camera automatically, set the infrared time on and off



Chapter 4 attendance management

4.1 Original record

Click the original record to view the attendance clock in time, Department, name, position, clock in attribute and other information.

Name	Department	Job	Clocking Time	clock time	clock properties
小小	小小	5555	5555		未在考勤组
小小	小小	5555	5555		未在考勤组
小小	小小	5555	5555		未在考勤组
小小	小小	5555	5555		未在考勤组
小小	小小	5555	5555		未在考勤组
测试人员100	4544			2020-08-19 15:40:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:40:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:40:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:40:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:40:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:29:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:29:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:29:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:29:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:29:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:29:00	not scheduled to punch
测试人员100	4544			2020-08-19 15:29:00	not scheduled to punch

4.2 Attendance rules

Add: click attendance rule and add to set shift type (regular, two shift and three shift)

- **Late time:** allowed late time and early leave time can be set
- **Attendance time:** how many hours of attendance time can be set as one day
- **Overtime after shift:** set the overtime time after shift as overtime time

Shifts setting

*Shifts name:

Class period set:

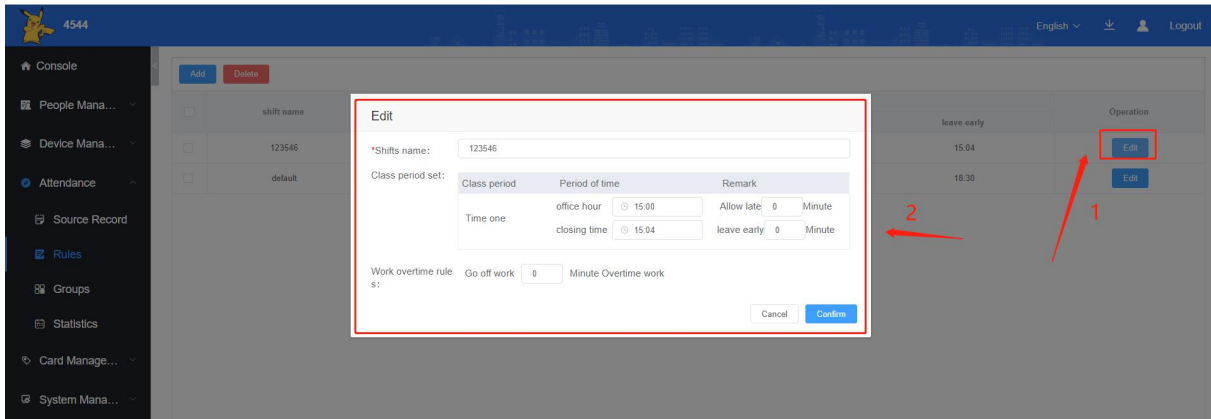
Class period	Period of time	Remark
Time one	office hour Minute	Allow late Minute
	closing time Minute	leave early Minute

Work overtime rule: Go off work: Minute Overtime work:

Cancel Confirm

➤ Edit and delete

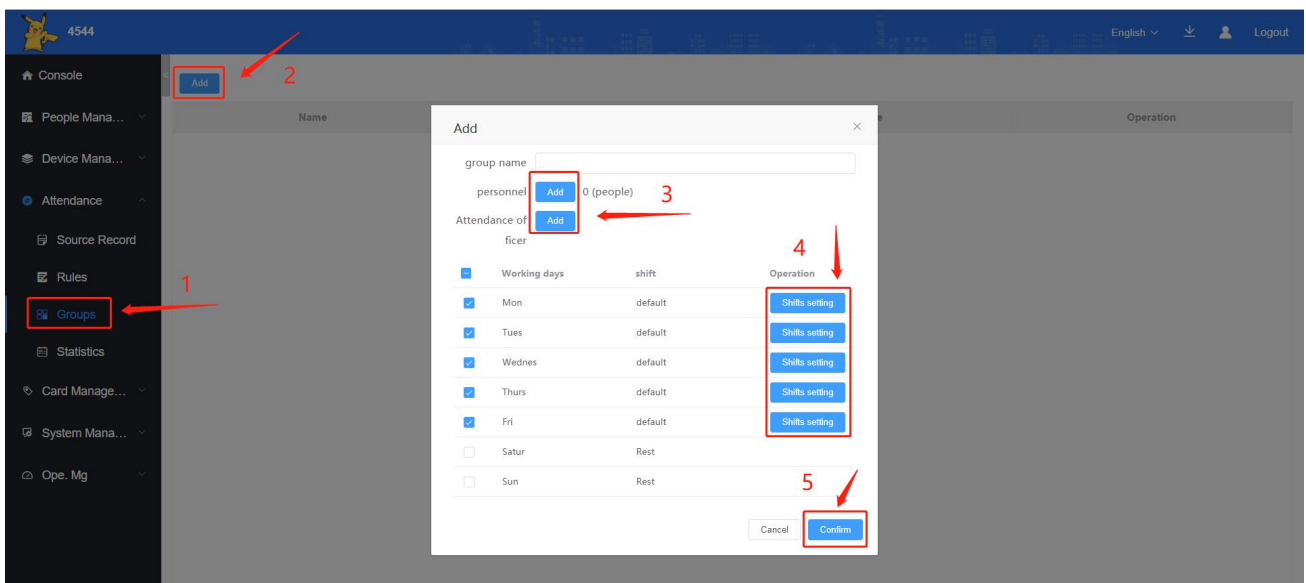
Check the shift definition information to be edited or deleted, and click the relevant button to operate



4.3 Attendance group

➤ New

Check the shift definition information to be edited or deleted, and click the relevant button to operate

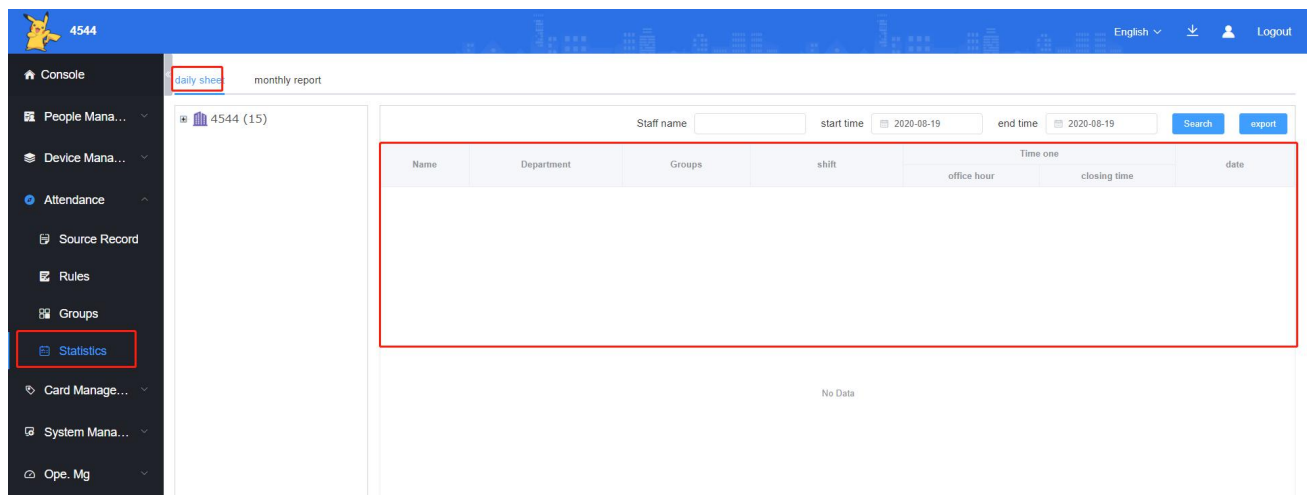


4.4 Attendance statistics

Daily report of department attendance statistics: click attendance statistics, click query according to attendance time to view the attendance statistics of the day

Department attendance statistics monthly report: click attendance statistics, click query according to

attendance time to view attendance statistics of the current month



Chapter 5 card issuing management

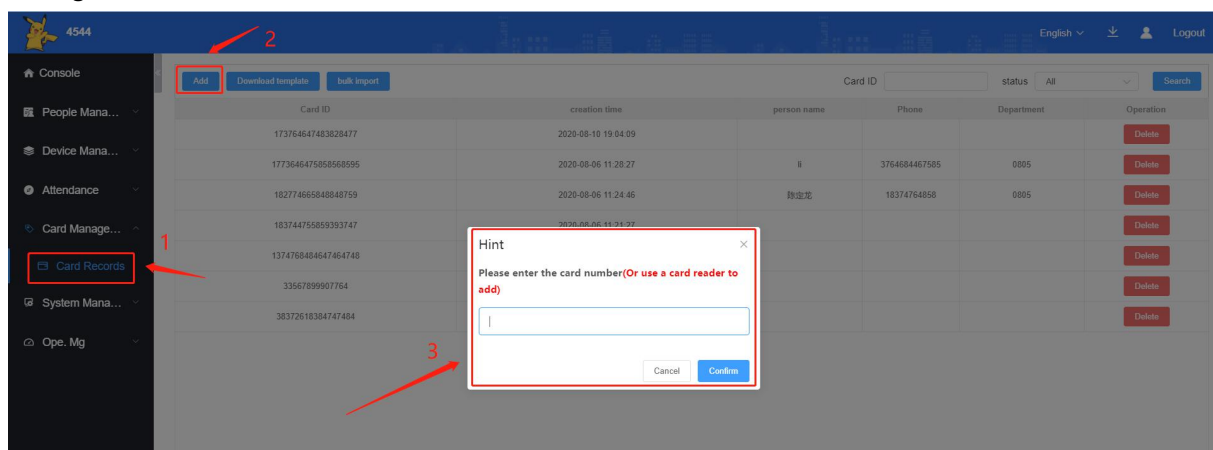
5.1 Card management

Card management is used to manage the card of the owner of the park. The card is used to swipe the card to open the door. Here, you can add, delete, modify and check the card, and view the related information of the owner's personnel bound to the card.

Add: click the Add button, input the card number, and click OK

Download template: click download template to download the existing card number, department and other form data

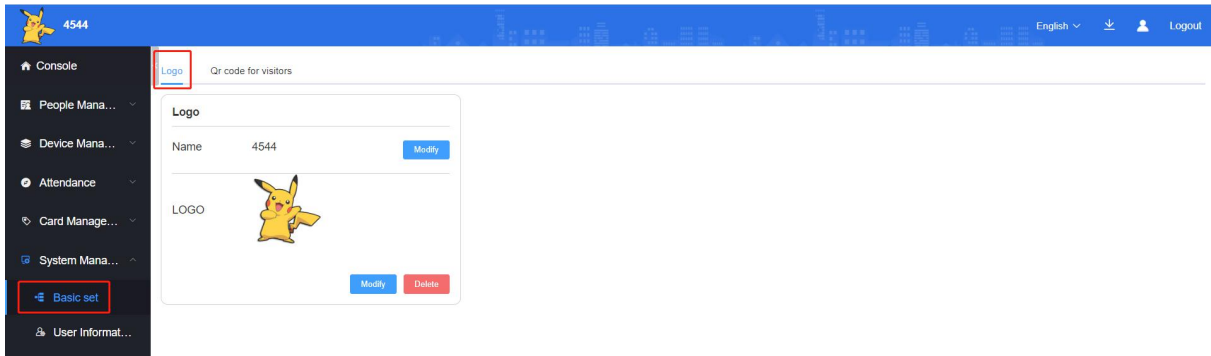
Batch import: the personnel information template can be imported into card management



Chapter 6 system management

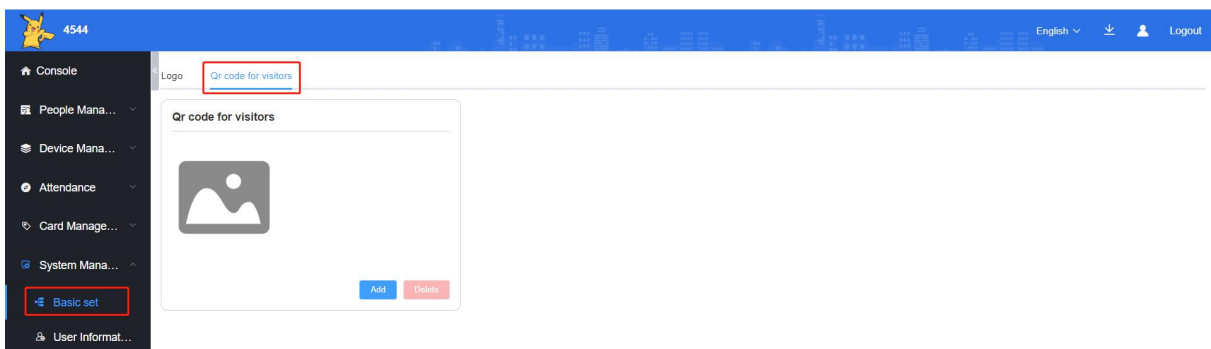
6.1 Basic settings

Click basic settings, enter logo management, and click upload to replace the current logo



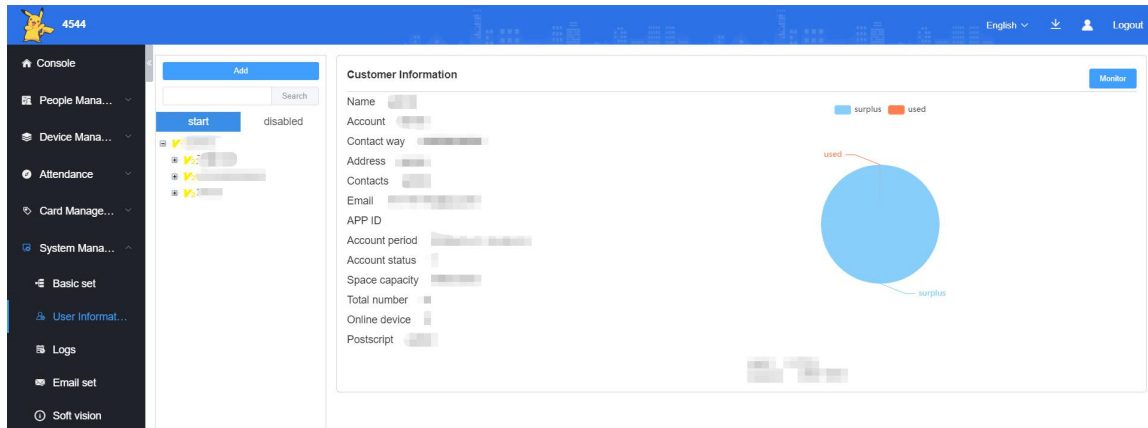
Qr code for visitors

The qr code user small program scanning code new visitor function, here can be added, deleted, changed and checked operations



6.2 customer management

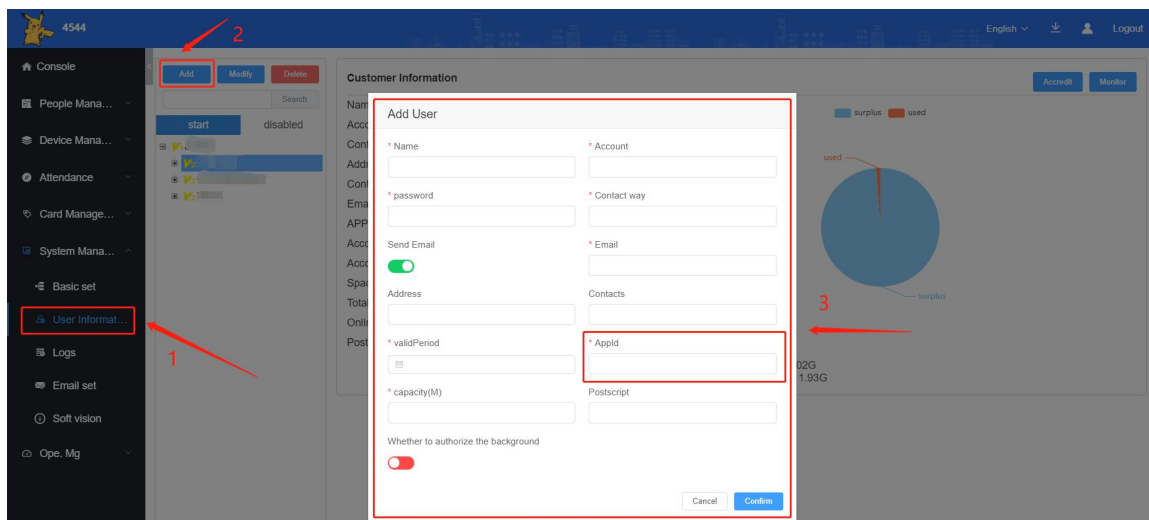
This system adopts a multi-level account management system. At present, it can be divided into five levels of accounts at most, one level of management, two levels of management, three levels of management and four levels of management. Each level of the five levels is used independently without interference or conflict with other accounts. A server multi-user mode is formed to reduce the waste of network server resources, which is more helpful for big data collection and algorithm.



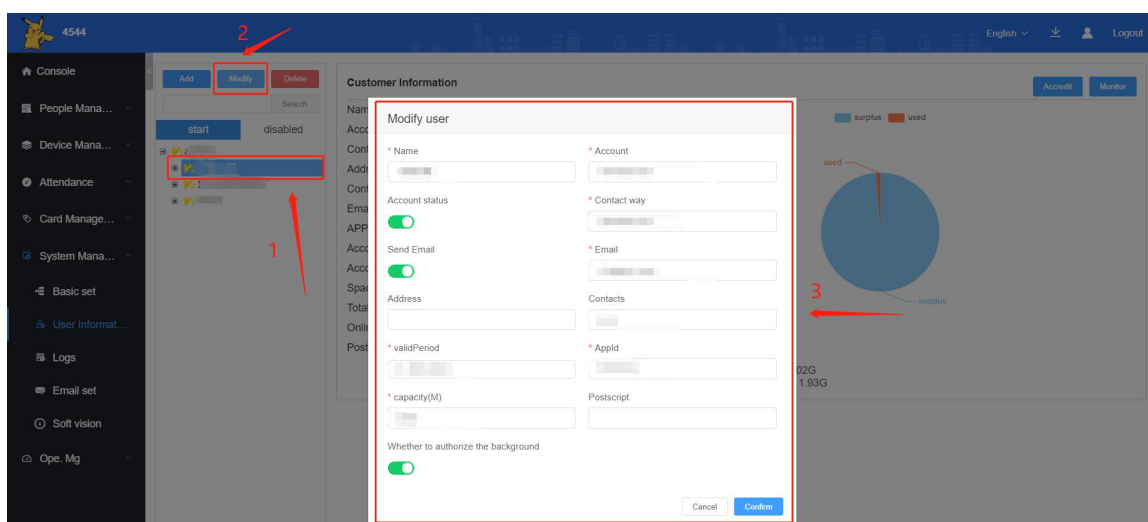
If the current account is insufficient to manage the current information, you can assign a role account under the account. The role account and the administrator account have the same management authority

APP ID

Customer management adds APP ID, which is provided by superior administrator



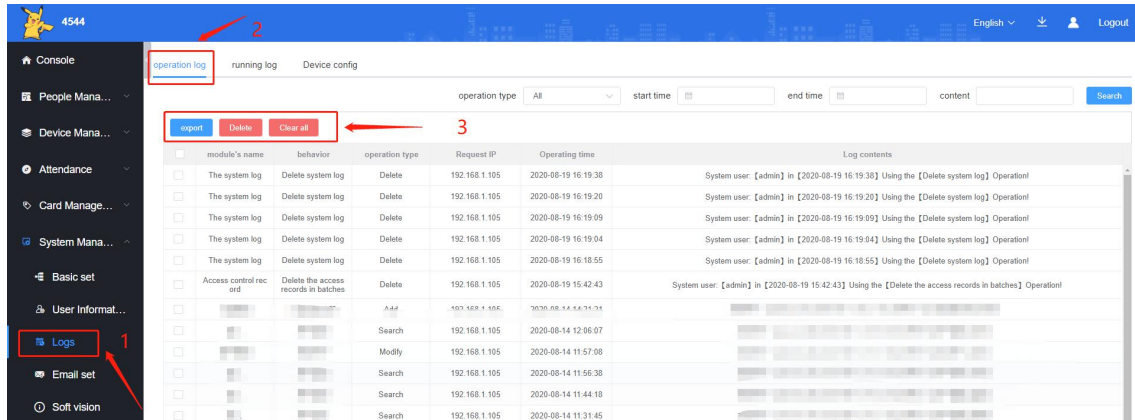
Select the child user to modify and click Modify to modify the information



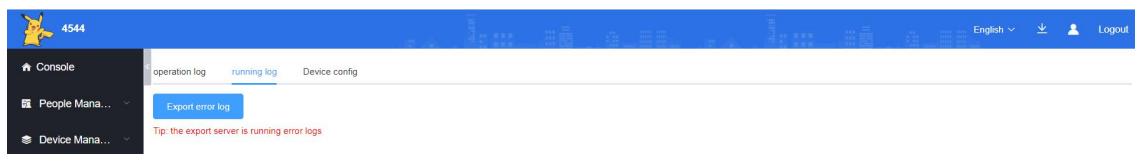
6.3 system log

- **Operation log:** it contains all operations of the customer. It is used to regulate everyone's behavior and relevant accountability operations.

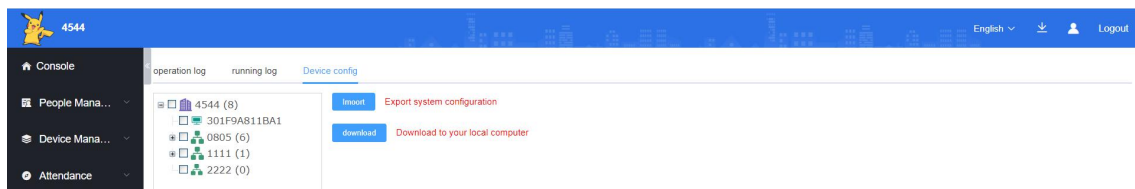
Export: click export to export all operation information of the log.



- **Running log:** when the equipment or system is abnormal, the customer can export the system error log or equipment Log here to our developers for maintenance (as shown below)



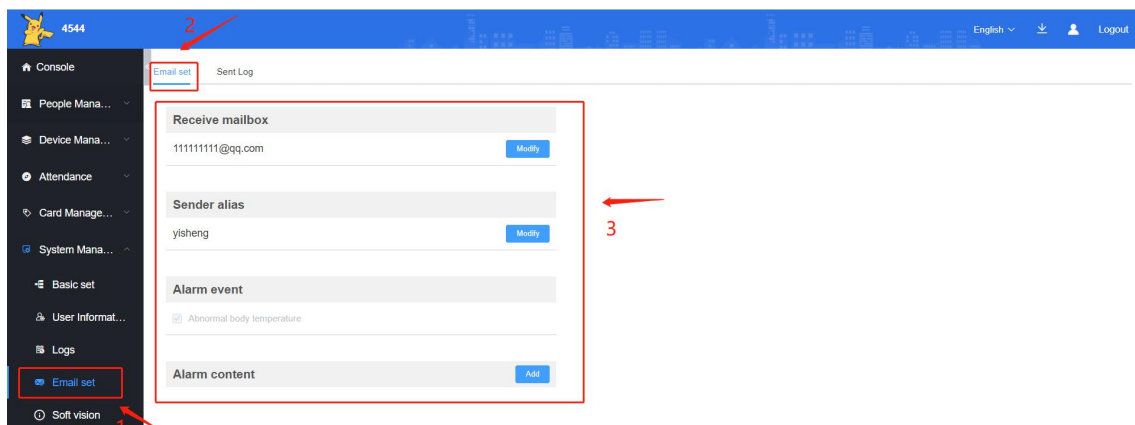
- **Equipment log:** support system equipment configuration import and download operation



6.4 Apk upgrade

Mail setting: the interface can set the receiving mailbox, sending content, event and sender name

Sending record: click send record to view all records of email sending



Chapter 7 operation management

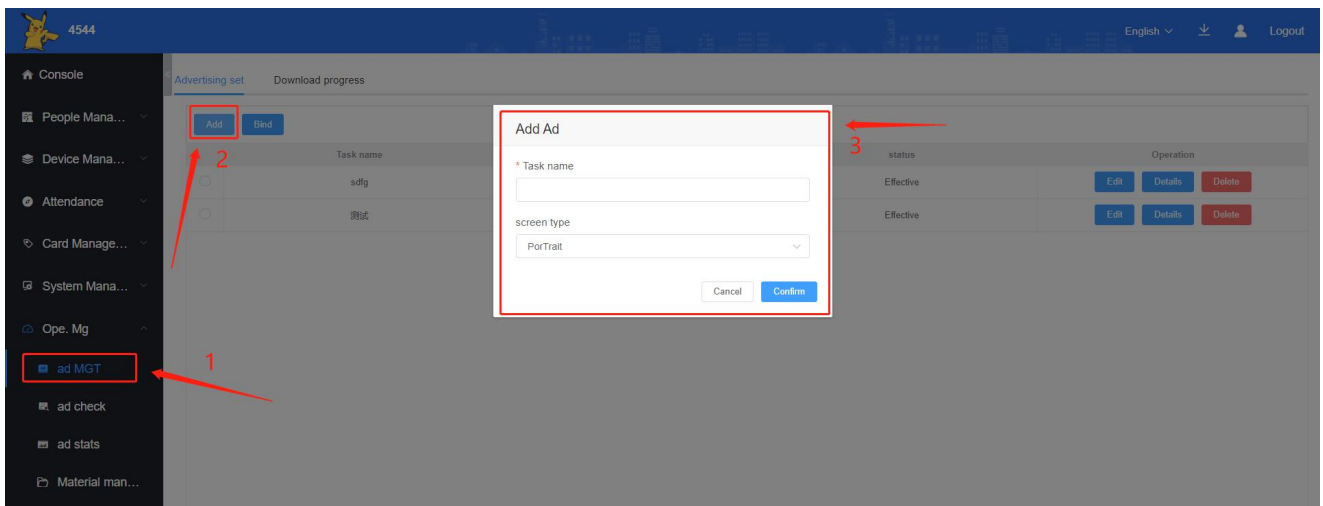
7.1 Access control advertising management

Add ad: **Step 1:** click the "add" button to enter the pop-up window (as shown in Figure 1), input relevant information and click OK;

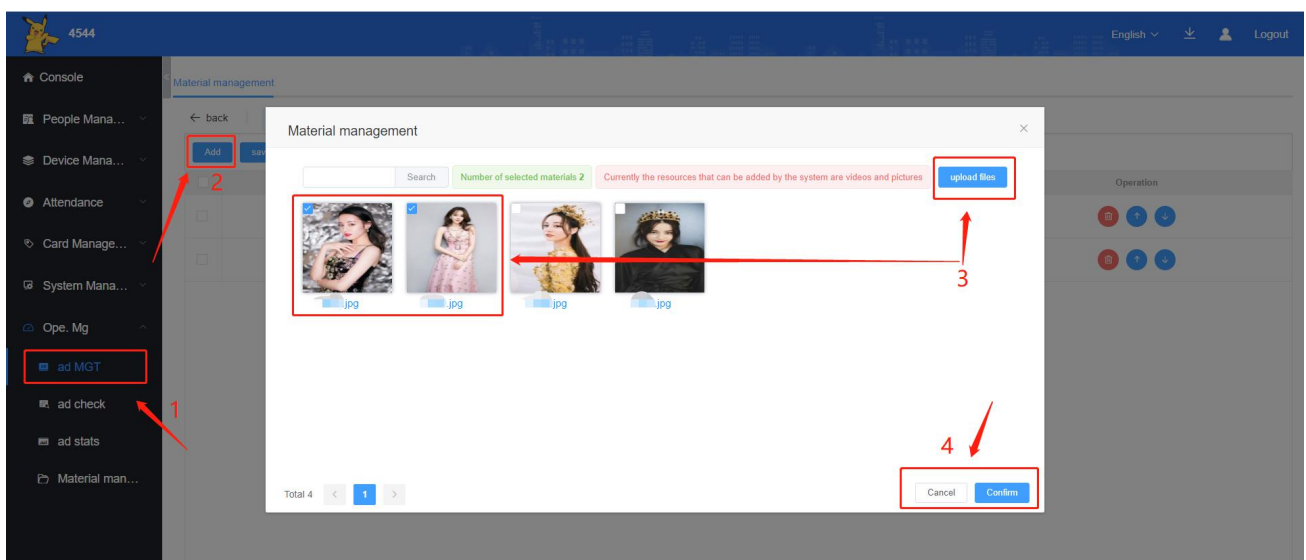
Step 2: click the "content" button below the operation to enter the material adding interface (as shown in Figure 2);

Step 3: click the Add button to pop up the add material interface - click "upload file", find the material and click open; or select the required material from the existing material; click Submit.

(Note: file upload image format support: PNG / JPG / GIF; video format support flv \ mp4 \ wmv \ AVI)



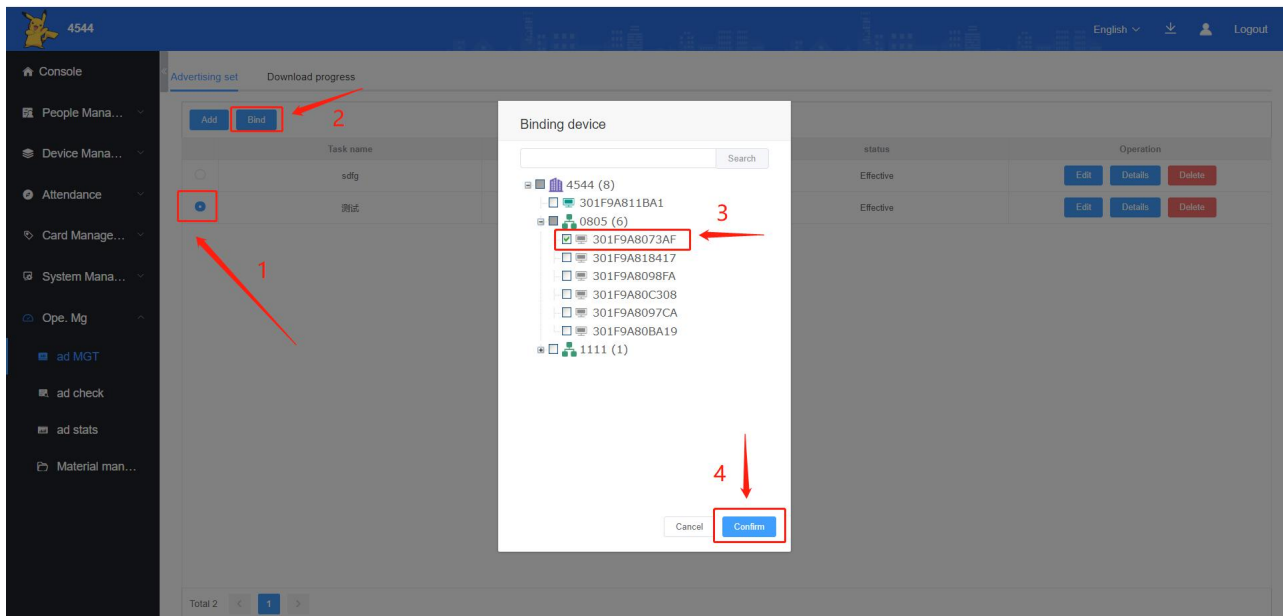
(Figure 一)



(Figure 二)

Binding device to distribute programs:

Select the task, click the "bind" button, check the device, and click OK. Wait until the download progress is 100%, the program will be distributed successfully.



Advertising set Download progress						
Cleared clearall						
Task name	Device name	MAC	status	Download progress	Downloading speed	
sdfg	301F9A8073AF	301F9A8073AF	Downloading	0%	0kb	
sdfg	301F9A80BA19	301F9A80BA19	Downloading	0%	0kb	

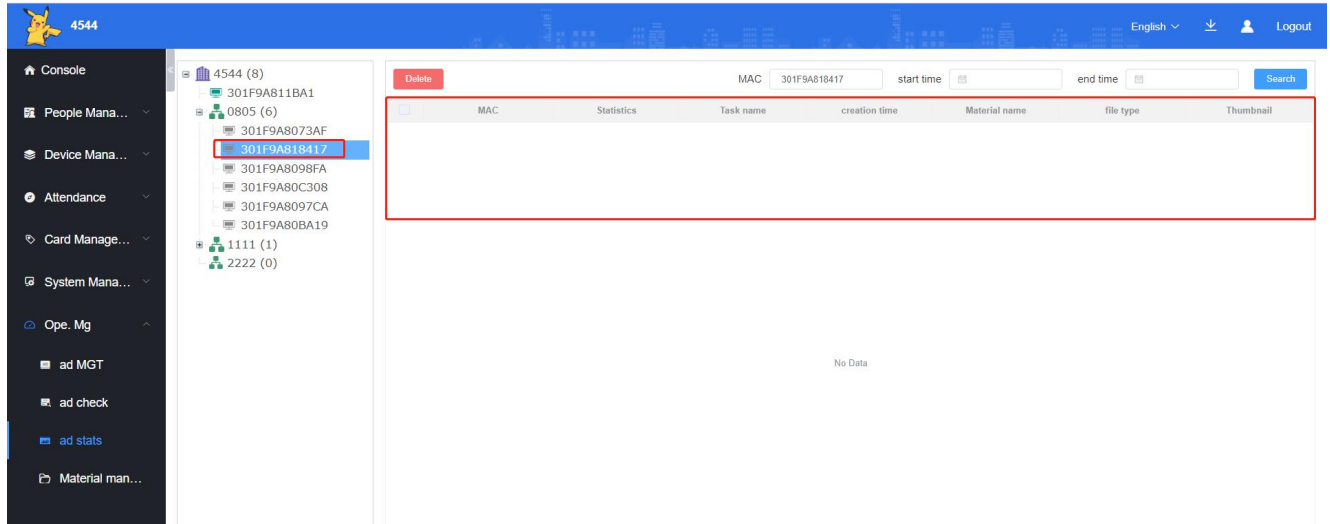
7.2 Access control advertisement query

Click "access control advertisement query" and select the device you need to view to view all tasks bound to the device.

4544 (8)						
301F9A811BA1 0805 (6) 1111 (1) 2222 (0)						
Delete Task name MAC Search						
	MAC	Device name	Task name	screen type	status	
☐	301F9A80BA19	301F9A80BA19	sdfg	PorTrail	Effective	
☐	301F9A8097CA	301F9A8097CA	sdfg	PorTrail	Effective	
☐	301F9A8098FA	301F9A8098FA	sdfg	PorTrail	Effective	
☐	301F9A8073AF	301F9A8073AF	sdfg	PorTrail	Effective	
☐	301F9A80C308	301F9A80C308	sdfg	PorTrail	Effective	
☐	301F9A818417	301F9A818417	sdfg	PorTrail	Effective	

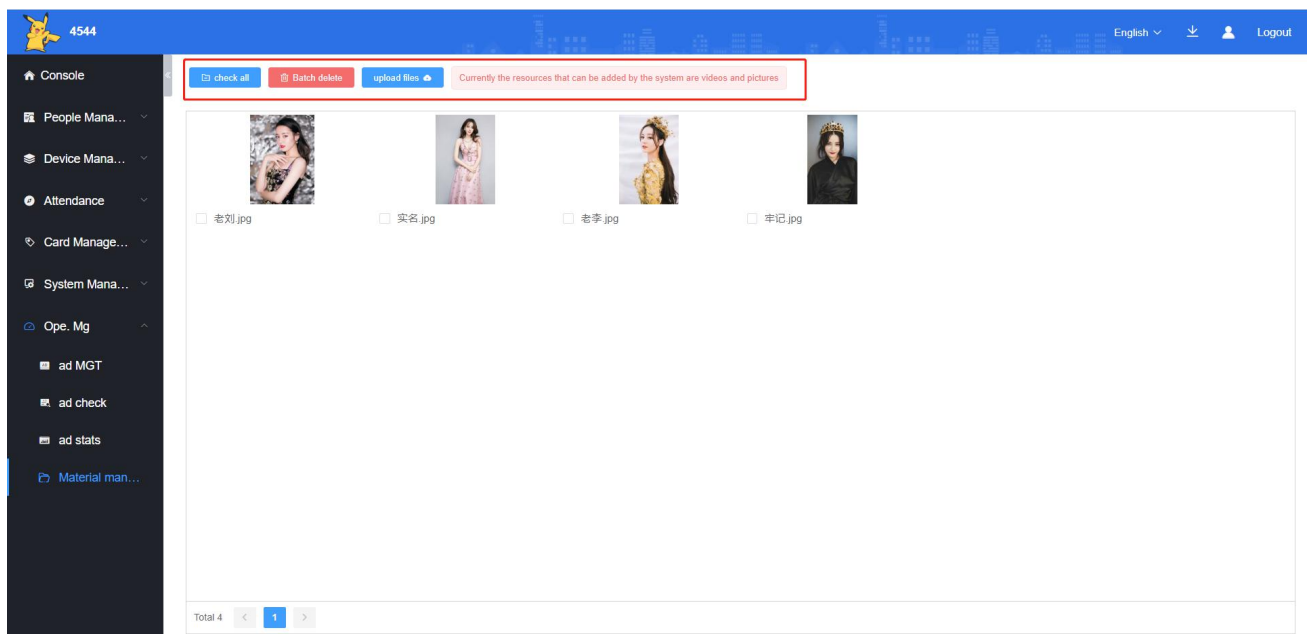
7.3 Advertising statistics

Click "advertisement statistics" and select the device you need to view to view the statistics times, task name, creation time, material name, file type and thumbnail of the device.



Material management

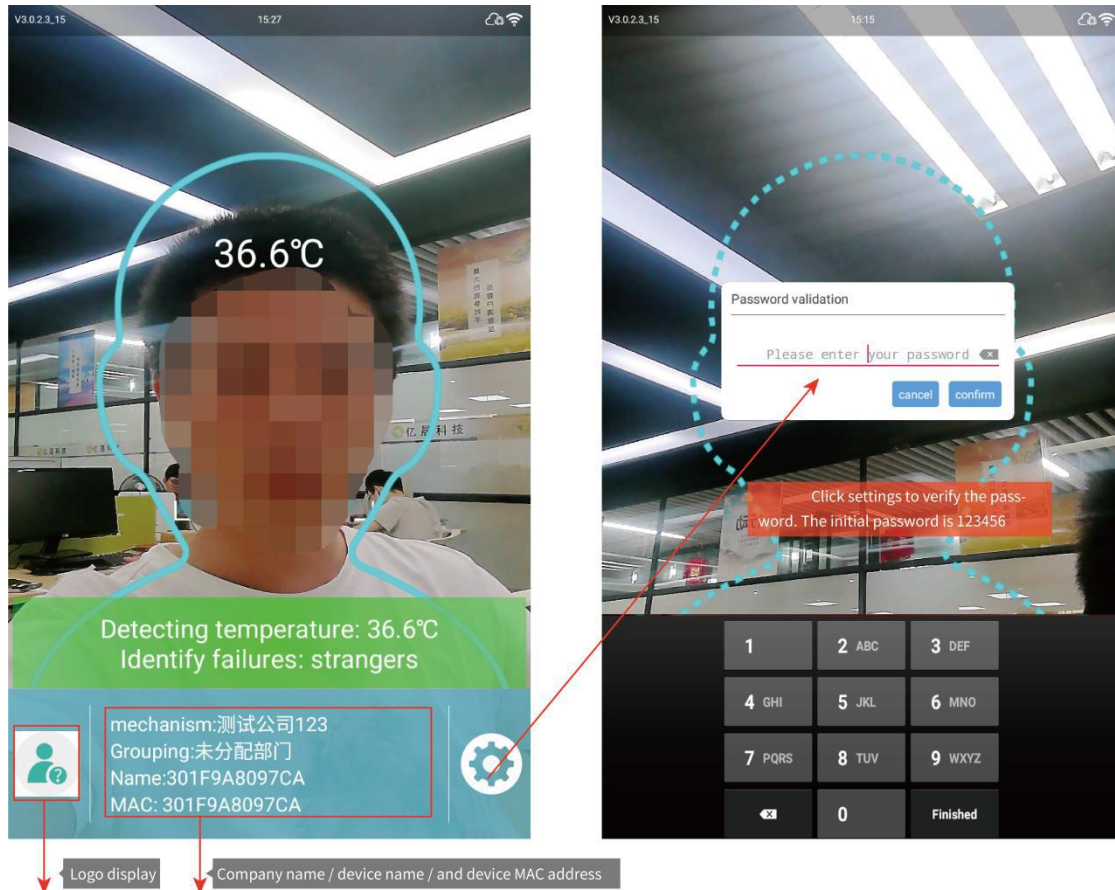
Here is mainly the management of advertising background material, you can directly here for the material to add, delete, change and check the relevant steps, you can advance the picture, video uploaded to the server, for more convenient advertising management to lay the foundation



Chapter 8 equipment end

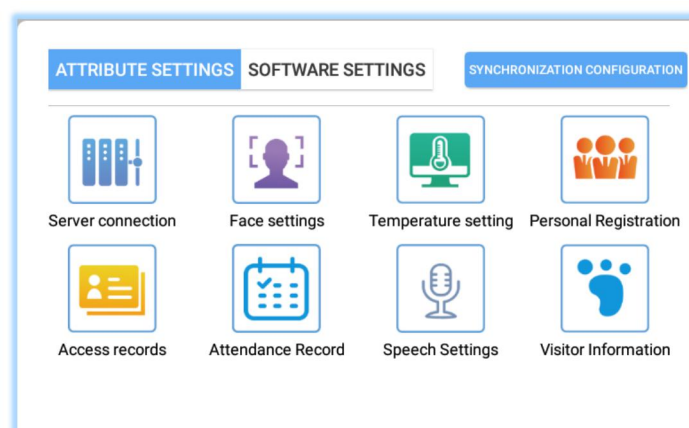
The face recognition interface can view the organization logo, group name, device name and MAC address

Click the setting icon to verify the password. The initial password is 123456



8.1 Property settings

The attribute setting interface has seven functions: Server connection, face setting, temperature measurement setting, personnel information, passage record, attendance record, voice setting, visitor information (attendance record: you need to open the attendance of general settings in software settings to have this function)



◆ Server connection

The IP address and port number of the device can be provided by the superior administrator

Server connection (unconnected)

IP address: 192.168.1.14

Port number: 8898

CONNECT TO SERVER

CONNECTION RECORDS

◆ Parameter setting of face

Modify the configuration properties according to the current hardware information

Face parameters settings(FacePass)
SET RESET

	Mask detection	☐
	Monocular live	☐
	Live detection	☐
	Detection mode	☐
	Camera switch	Front - >
	Distance	1.5 meters >
	Rotation	270 >
	Angle preview	270 >
	Face frame image	No image >
	Resolution	automatic >
	Face frame Angle	automatic >
	Front camera image	Image >
	Rear camera image	No image >
	Capture Angle	90 >

SAVE

◆ Temperature measurement setting

If your device supports the temperature measurement function and needs this function, please configure the current settings

Temperature setting

	Temperature measuring peripherals	I2C matrix (MLX90621) >
	Temperature unit	c >
	Temperature measuring time	0.0 >
	Automatic calibration	0.0 >
	Fever temperature	37.5 >
	Effective temperature (Celsius)	30.0 >

◆ Personnel information

Click the Add button to register personnel information locally

Personal Registration: Complete CLEAR ADD REFRESH

Name	Face images	Card number	Registration	Time	operation
陈定龙		1827746658 48848759	Completed	2020-08-08 15:30:00	DELETE
xixixi		1837447558 59393747	Completed	2020-08-08 15:30:00	DELETE
li		1773646475 858568595	Completed	2020-08-08 15:30:00	DELETE
hdyudh		1374768484 647464748	Completed	2020-08-08 15:30:00	DELETE
kjh		3356789990 7764	Completed	2020-08-08 15:30:00	DELETE

◆ Access record

The access record can view the access record, mode, temperature, time and other information of all personnel

Click "export" to export relevant information of traffic record

Access records				Offline recording	export
Name	Face images	Passage type	Card number	Body temperature	Access time
Stranger		Face recognition	None	36.6°C	2020-05-19 15:27:23
Stranger		Face recognition	None	36.6°C	2020-05-19 15:27:20
Stranger		Face recognition	None	36.5°C	2020-05-19 15:01:23
Stranger		Face recognition	None	36.5°C	2020-05-19 15:01:23
Stranger		Face recognition	None	36.5°C	2020-05-19 15:01:23
Stranger		Face recognition	None	36.5°C	2020-05-19 15:01:23
Stranger		Face recognition	None	36.5°C	2020-05-19 15:01:23

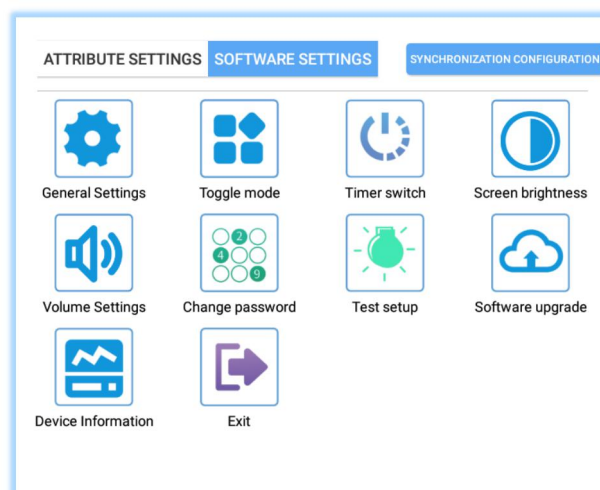
◆ Visitor information

Basic information of visitors can be viewed

Visitor Information				Refresh
Name	Face images	Registration	Effective time	

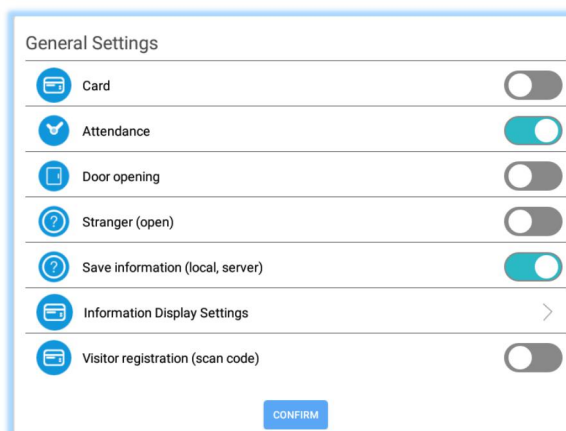
8.2 Software settings

The property setting interface has 10 functions, including general setting, switching mode, timing switch on / off, screen brightness, volume setting, password modification, test setting, APK upgrade, device information and exit software



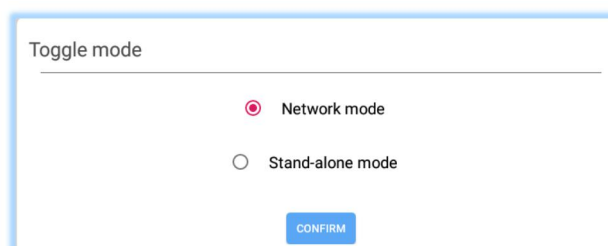
◆ General settings

You can turn on card swiping, attendance, door opening, human body induction, stranger mode and save local information related settings according to your own needs



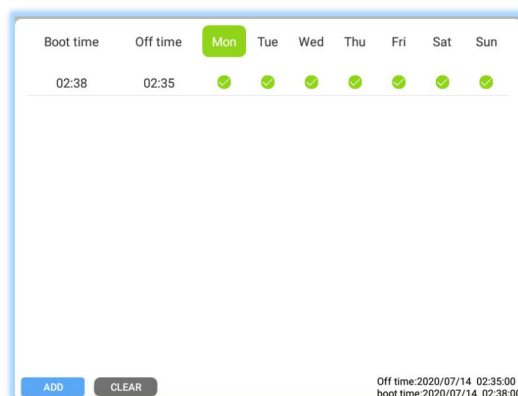
◆ Switch mode

Adjustable network mode and stand-alone mode



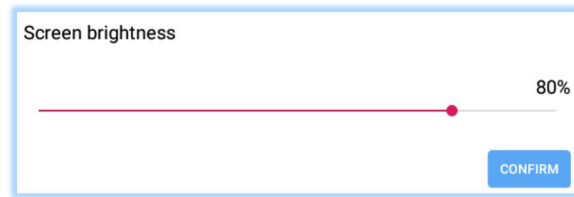
◆ Timing switch on / off

Click the regular on / off icon and click the Add button to add the daily or weekly regular on / off time. Click clear to clear the previously set timing on / off time.



◆ Screen brightness

Drag the small circle and click OK to adjust the screen brightness



◆ The volume setting

Drag the small circle to the position you want to adjust, and click OK to adjust the volume

◆ Change password

Modify exit permission password

◆ APK upgrade

You can turn on card swiping, attendance, door opening, human body induction, stranger mode and save local information related settings according to your own needs

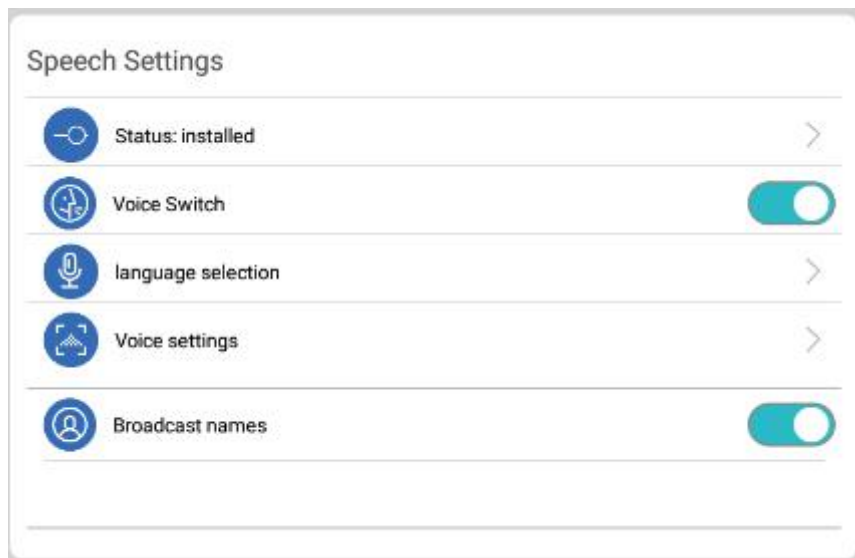
◆ Equipment information

You can click the device version, device name, device name, and device information

8.3 Multilingual switching

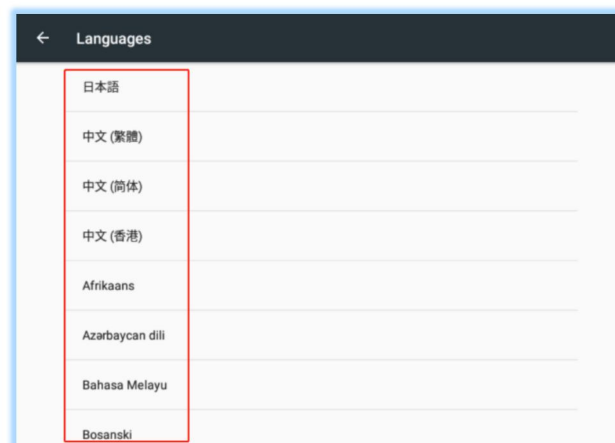
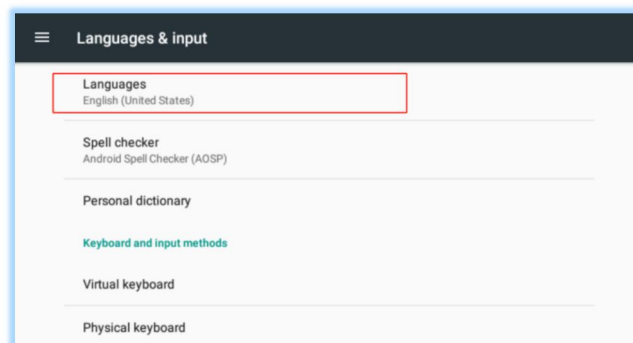
◆ Language switching

Setting interface -- voice setting, the interface is as follows



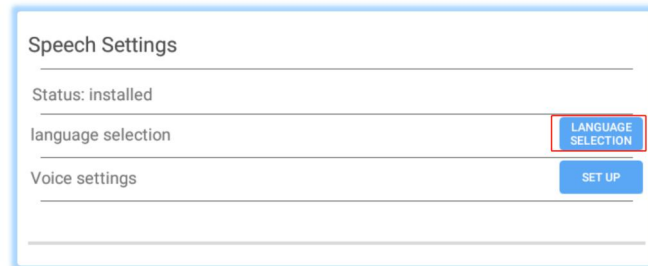
1: Click language selection to enter the system language selection interface

Click the first language selection to enter the interface and select the required language

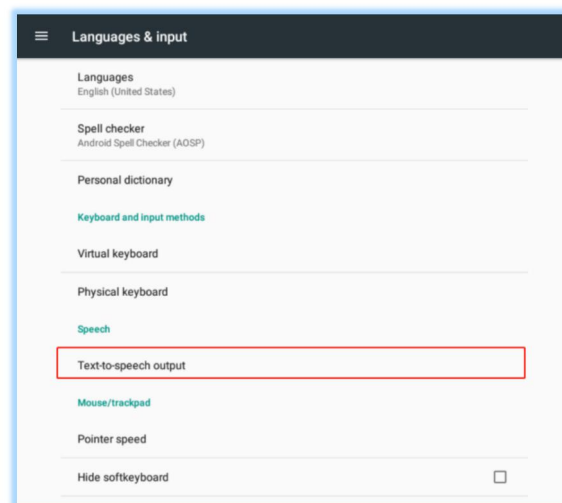


2: Voice TTS settings

Click the back button of language selection to enter the language setting interface

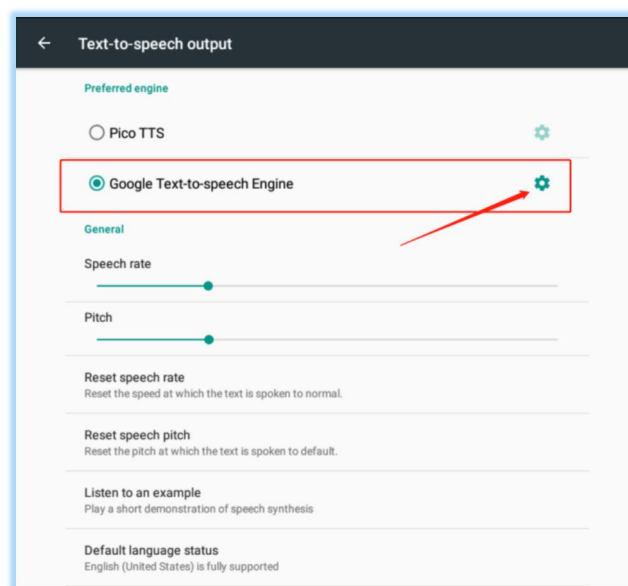


Click TTS output



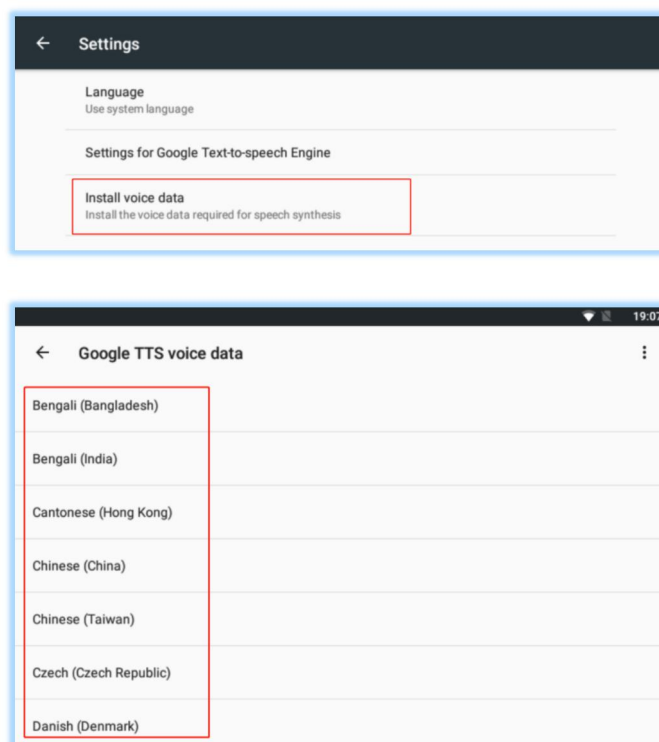
Click TTS output to select Google text to speech engine

Click the rear - gear setting button to enter the voice speaker setting interface



Click - install the voice data package, select the corresponding voice speaker, and enter

the download operation



8.4 Operating instructions of USB flash disk

Modify company information at the bottom of USB flash disk

Create a ysFace.txt The contents of the document are as follows.

```
{ "company": "花果山", "department": "水帘洞",
  "deviceName": "001", "logoName": "ysFace.png" }
```

Behind company is company

Department is behind Department

Devicename is followed by the device name

Logonmae is the name of the logo, which is used to modify the logo at the bottom

8.5 Authorization error code reference table

Note: customers usually provide us with the following pictures, as shown in figure (1), so we can't find substantive problems,

Please give priority to the message prompt that pops up when the customer connects to the server, as shown in figure (2)



图 1

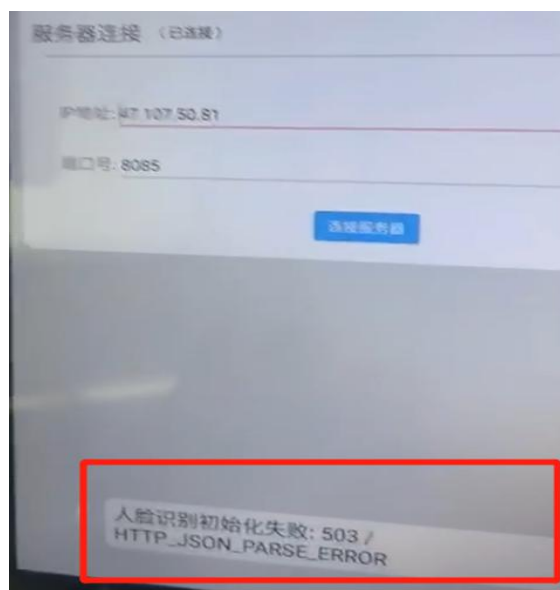


图 2

Error code	Error description	terms of settlement
201	Registration failed!	Contact our after sales department
202	Insufficient authorized points!	The number of authorized points under the account is insufficient, and the authorized point needs to be purchased again
203	Firmware version is inconsistent!	Firmware re brushing, re authorization required
204	Not activated!	Go to the authorization background to find the device Mac and click activate
401	WRONG_REQUEST_CERTcert	Contact our after sales department
403	LICENSE_BAD_NETWORK	Contact our after sales department
405	INSUFFICIENT_BALANCE	Contact our after sales department
501	LOCAL_CERT_ERROR	Contact our after sales department
502	HTTP_JSON_REQUEST_ERROR	Contact our after sales department

503	HTTP_JSON_PARSE_ERROR	Contact our after sales department
504	LICENSE_IO_ERROR	Contact our after sales department
505	LICENSE_ACTIVE_ERROR	Contact our after sales department
506	PROXY_CERT_REQUEST_ERROR	Contact our after sales department
507	PROXY_CERT_FILE_FORMAT_ERROR	Contact our after sales department
508	WRONG_CERT_RESPONSE_ERROR	Contact our after sales department

◆ Linux Server deployment requirements

➤ Configuration required

Environmental Science	edition	port	explain
JDK	1.8	——	Description environment variables need to be configured
Tomcat	8.5/8.0	8899	Ports can be changed according to actual needs
Mysql	5.6/5.7	3306	1. The port and password can be changed according to the actual needs (please ask our company for the default password) 2. Please set case insensitive database1.
FFmpeg	4.1 and above	——	Environment variables need to be configured

➤ Need to provide

1. Database installation directory (obtained by which MySQL command)



Gate attendance system

OPERATION

INSTRUCTION MANUAL