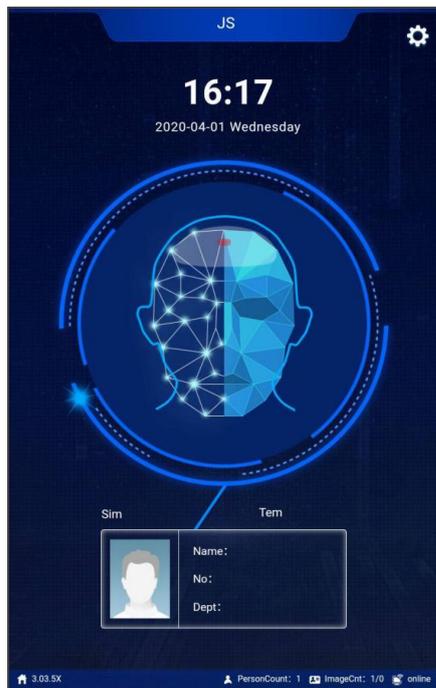


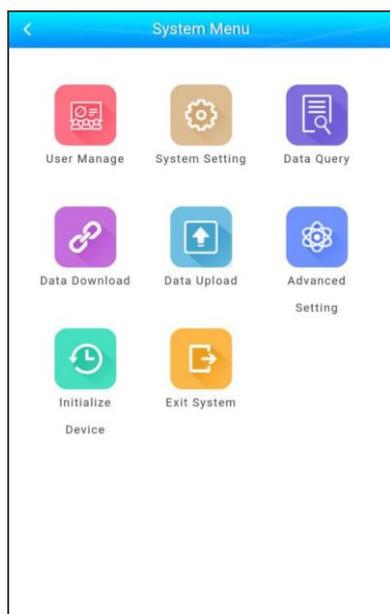
## 1、 Device Configuration

### 1.1、 Face Recognition Main Page



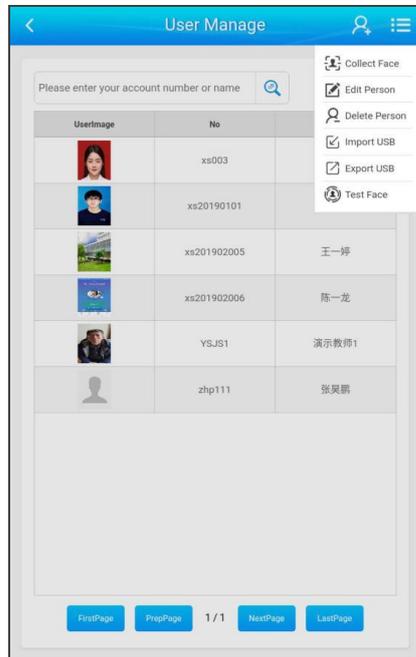
Face Recognition Main Page

### 1.2、 (System Menu Interface)



## System Menu

### 1.2.1、 Personnel Information Management



#### Personnel Information Management

##### Face Collection

Click to enter the face collection interface, the device will automatically capture the face information, then click”  , save it.

##### Edit by:

Used to modify personnel information.

##### remove people

used to delete personnel information.

##### USB disk import file

Put the excel sheet into a USB Disk drive, import people data.

##### USB disk export file

Import personnel information into a USB Disk drive.

## Face recognition test

After collecting faces on the device side, you can perform face recognition tests by changing the function.

## Add People

Click the add button in the upper right corner, people can be added on the device side.

< Add New personal Info

Before collecting facial feature values please  
make sure that the account is entered correctly  
After collection it is prohibited to modify the  
account

Face Collection

Personnel Please enter the account number of the pe

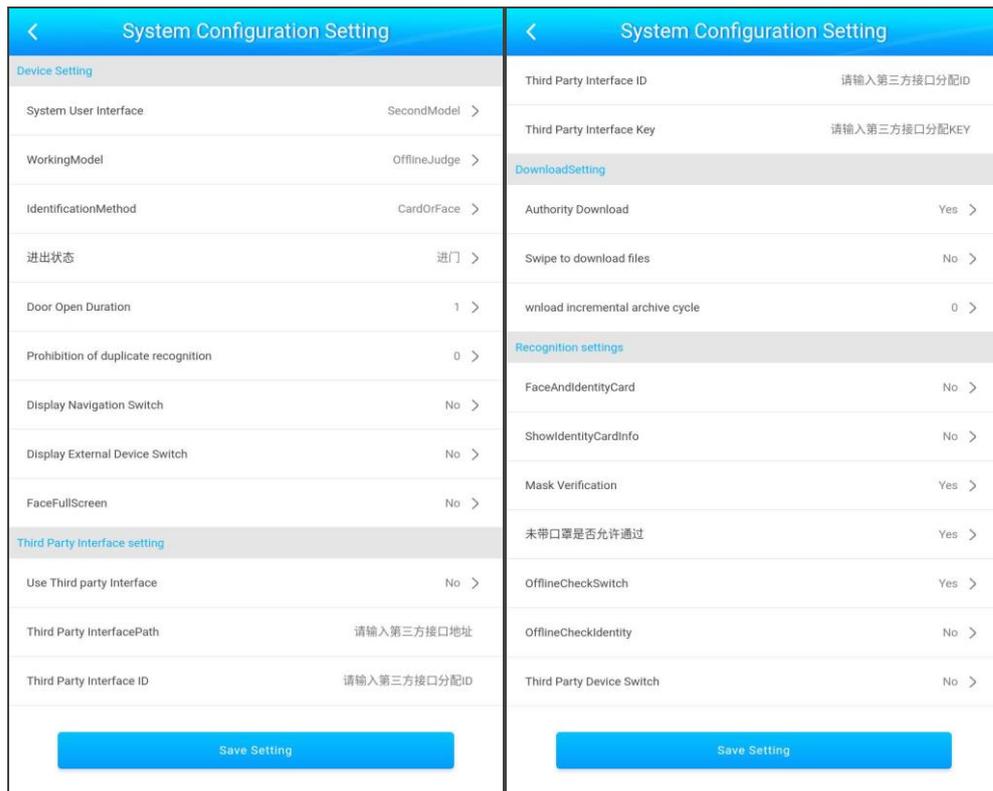
Personnel Please enter the name of the person to ad

Personnel card Swipe your card in the reading area

Save Data

add people

## 1.3、 System parameter setting



## system parameter setting

### Device Setting

[System style]: default style two.

[Way of working]: the working mode of online judgment/offline judgment can be set according to the site use conditions.

[Identification method], swipe or face / swipe plus face / swipe only / swipe only face and other verification methods.

[Whether to enable personnel identification verification], used to enable the authentications comparison function.

[To display ID Card Information]: when the authentication check function is turned on, check whether the ID information is displayed by swiping the ID Card.

[Prohibition of repeated identification time (minutes)], the same person is prohibited from recognizing face information repeatedly. "0 is unlimited.

[To display the position navigation switch] : Whether to display the navigation page switch.

[To display external device switch]: whether to display third-party docking device switches.

[Whether face recognition is displayed in full screen]; set whether the face recognition interface is full screen.

## **Download setting**

[To download uses permissions]; set whether to use permission, after setting to yes, permission related data will be added during the download process. No, cancel set permission, everyone can pass.

**[To download files by swiping];** whether to present the personnel's file when swiping the card.

**[Download incremental achieves cycle];** how often to send the increased personnel files in the system.

## **Recognition Settings**

**[To verify the mask],** open the function without a mask for identification will prompt to wear a mask, setting this item requires activating the official version of face recognition, and at the same time reducing the face recognition comparison threshold.

**[To start offline judgment offline];** in online mode, when the device is disconnected from the platform, will it automatically switch to offline mode.

[For offline to judge identity and time of day]; after setting to yes, after the device is offline, the related information such as identity and time is judged based on the downloaded logical content.

[For third-party identification device]: is it an identification device for a third-party platform, the use of this function requires docking, the default is "no"

## **Pass data query**

View summary and traffic details for traffic, at the same time support data USB disk export.

Access summary query

Start: 2020-04-01 End: 2020-04-01

View Record

Export USB

Through Date	Number of time
2020-04-01	16
Total:	16
Uploaded:	16
Notupload:	0

Summary of traffic data

#### 1.4、 system data download

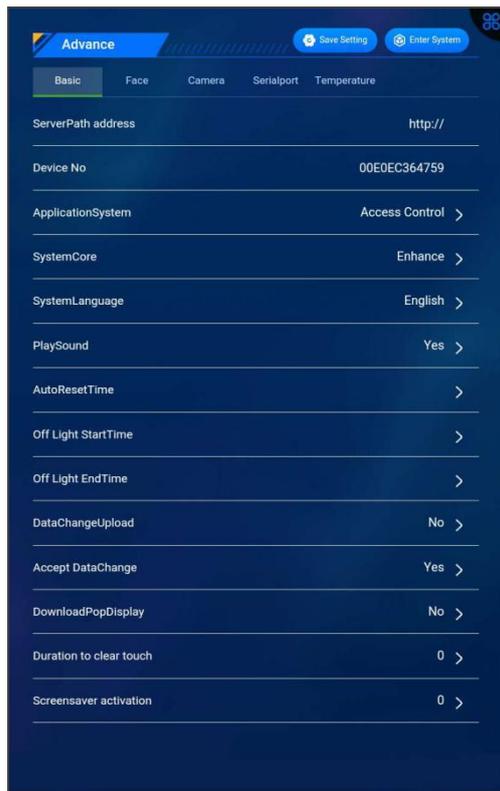
Used for downloading data on the device side.

#### 1.5、 system data upload

Used to manually upload offline traffic records on the device side.

##### 1.5.1、 advanced setting

**basic settings**



## basic setting

tx01.55kad.com/zhpt

[Server address]: fill in the platform address, Eg: tx01.55kad.com/zhpt

**[Device id]:** unique device number, after connecting to the platform, the background will automatically obtain the local device number.

[Operating system]: device operating mode

[Whether to play voice]: face recognition, voice menus are available for operations such as function menus.

**[Auto restarts time]:** you can set the mode to restart at a specified time.

**[Whether data changes are uploaded]:** whether to upload the data to the platform in real time after changing the data on the local device.

**[Whether data changes are received]:** compare local and server data, such as server data changes will be downloaded automatically.

**[Real-time download pop-up prompt]:** Whether to download the download progress

bar when downloading data.

**[Touch Clear Time]:** How long will it disappear after the password pop-up box is clicked

**[Video screen saver enable time]:** After the standby time setting, the screen saver screen pops up.

## Face recognition settings



## Face recognition settings

**[Face recognition version]:** Free version and official version (the official version needs to be activated to use the mask mode)

**[Face activation method]:** Online activation and offline activation. Online activation is adopted by default, and network activation is required.

**[Whether face recognition]:** After opening, downloading the data will download the person's photo information for face recognition.

**[Face Recognition Threshold]:** The face recognition threshold is higher, the more accurate but the speed is reduced. Default 75, minimum 65

**[Whether live detection]:** After the live detection is turned on, the photos cannot be used for identification. Non-photo identification of living body.

**[Liveness detection threshold]** : Similarity setting for liveness detection.

**[Face recognition distance]:** Set the recognition distance, the default is 1 meter.

**[Multi-face recognition]:** Can recognize multiple faces at the same time.

**[Upload photo during collection]:** After collecting face recognition photos on the device, upload photo information.

**[Upload and take pictures during recognition]:** During face recognition, automatically capture and upload photos.

**[Upload feature value during conversion]:** Automatically perform face conversion after downloading data, and return the converted feature value to the server.

**[Face Recognition Preservation Log]:** Recognition results and other related information are recorded during face recognition. After a problem occurs, you can view the cause of the problem through the log file.

**[Face Recognition Popup Prompt]:** Whether to display a prompt box after face recognition. If yes, a prompt box is displayed; if no, a prompt box is not displayed.

**[Identify the duration of the alarm]:** Set the duration of the alarm and prompt.

**[Recognition Clear Time]:** After recognition, how long the face information has no operation to return to the home page of the software.

## Camera settings



## Camera settings

**[Default camera]:** After entering the system, if the black and white image is used for face recognition, it needs to be modified to the value opposite to the current setting value.

**[Camera resolution]:** The default auto-adaptation, if it is abnormal, you can modify it.

**[Camera direction]:** Adjust the direction of the camera.

**[Screen orientation]:** The content can be displayed horizontally and vertically.

**[Face recognition direction]:** Set the face recognition direction. (When the face recognition frame is not displayed in the lens, adjust this option. After setting, you need to exit the program and re-enter the program to take effect)

**[Snapshot Photo Direction]:** Set the photo capture direction when swiping a card or face.

**[Text Horizontal Mirror]:** Adjust the horizontal direction of the displayed text after face recognition.

**[To the captured picture rotates]:** Set the rotation of the captured picture when swiping the card.

**[Camera vertical mirroring]:** Adjust the vertical mirroring of the camera. When the portrait in the lens is displayed upside down, adjust this parameter.

**[Camera Horizontal Mirroring]:** Adjust the camera horizontal mirroring. Adjust this parameter when the person moves in one direction in the horizontal direction and the person moves in the opposite direction in the lens.

**[Vertical mirror image of identification frame]:** Adjust the vertical mirror image of the identification frame. This parameter is adjusted when the actual head of the person moves in one direction in the vertical direction and moves in the opposite direction according to the recognition frame.

**[Horizontal mirror image of identification frame]:** Adjust the horizontal mirror image of the identification frame. When the person's head moves in one direction in the horizontal direction and moves in the opposite horizontal direction according to the recognition frame, adjust this parameter.

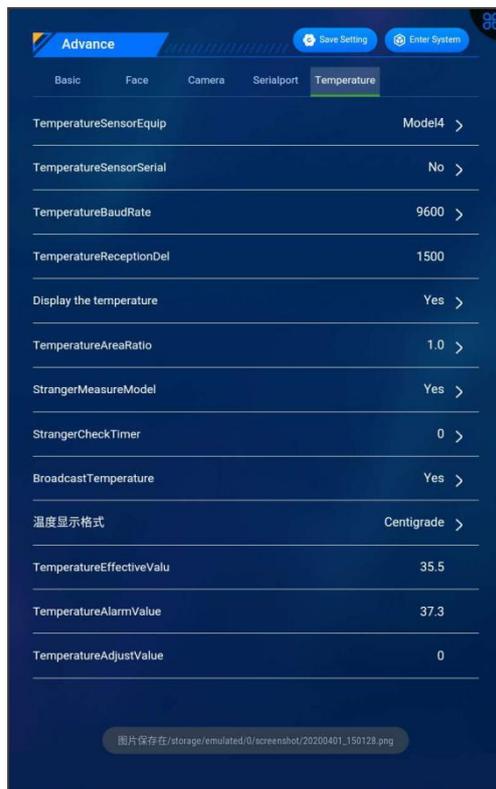
## Serial port settings

Just use the default settings.



## Serial port settings

### Thermostat settings



### Thermostat settings

**[Thermal Sensor Device]:** The default model of the temperature sensor 1.

**[Serial port of the temperature sensor]:** The default temperature of the serial port of the temperature sensor is ttyS3

**[Serial port baud rate of temperature sensor]:** 115200 by default

**[Receive delay of temperature sensor]:** The delay time from the temperature measurement display to the device side can be set by default. If the setting is too long, it will lead to the side length of the temperature recognition process.

**[To display the temperature measurement area]:** The default is "Yes", if you do not need to display the temperature measurement area can be changed to "No".

**[Display proportion of temperature measurement area]:** Adjust the size of temperature measurement area on the recognition interface.

**[To enable stranger temperature measurement mode]:** After turning on, only the body temperature will be recognized, and no personnel will be identified.

**[Stranger detection time]:** When the recognition time exceeds the set value, it will not be

recognized as a stranger; when the stranger is turned on, the detection time needs to be set to "0".

**[Temperature display format]:** Select Fahrenheit and Celsius.

**[Effective value of temperature sensor]:** When the test temperature is lower than the effective value of the temperature sensor, the device prompts "Please approach the temperature measurement area and re-measure the temperature".

**[Temperature sensor alarm value]:** When the test temperature is higher than the temperature sensor alarm value, the device will prompt "temperature abnormal" and display a red record to remind personnel that the body temperature is too high.

**[Thermal sensor adjustment value]:** When the ambient temperature is too low and the test temperature is obviously low, you can set the adjustment value and correct the measured value.

### **Initialize the device**

Click Initialize to clear the bottom library and face information in the device.

You can manually exit the system and perform basic settings on the Android device.