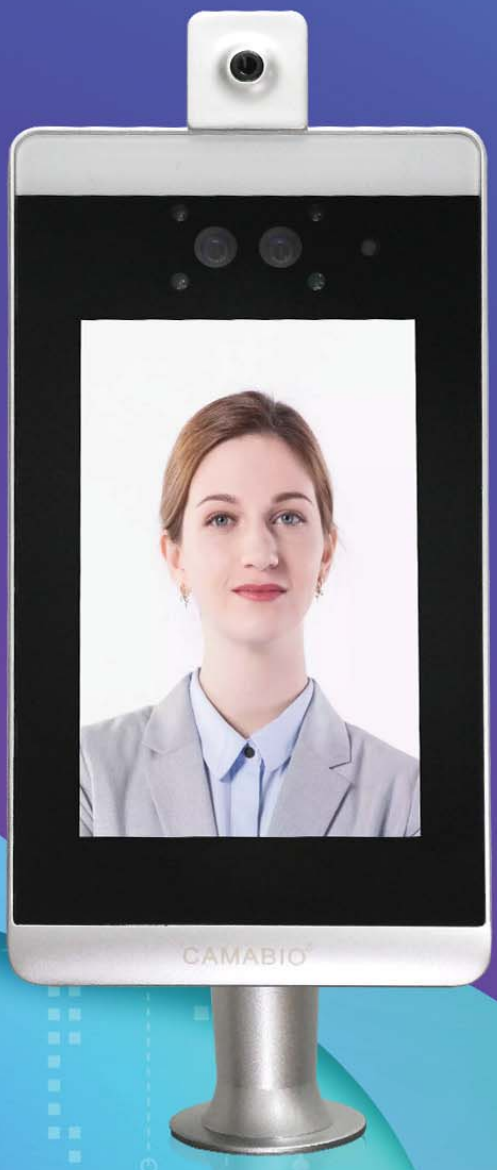
CAMABIO®

Face Recognition Access Control Terminal

Touchless Pass Through Makes Access More Convenience and Hygiene



CAMA Biometrics

CAMA-GA200T Product Brochure

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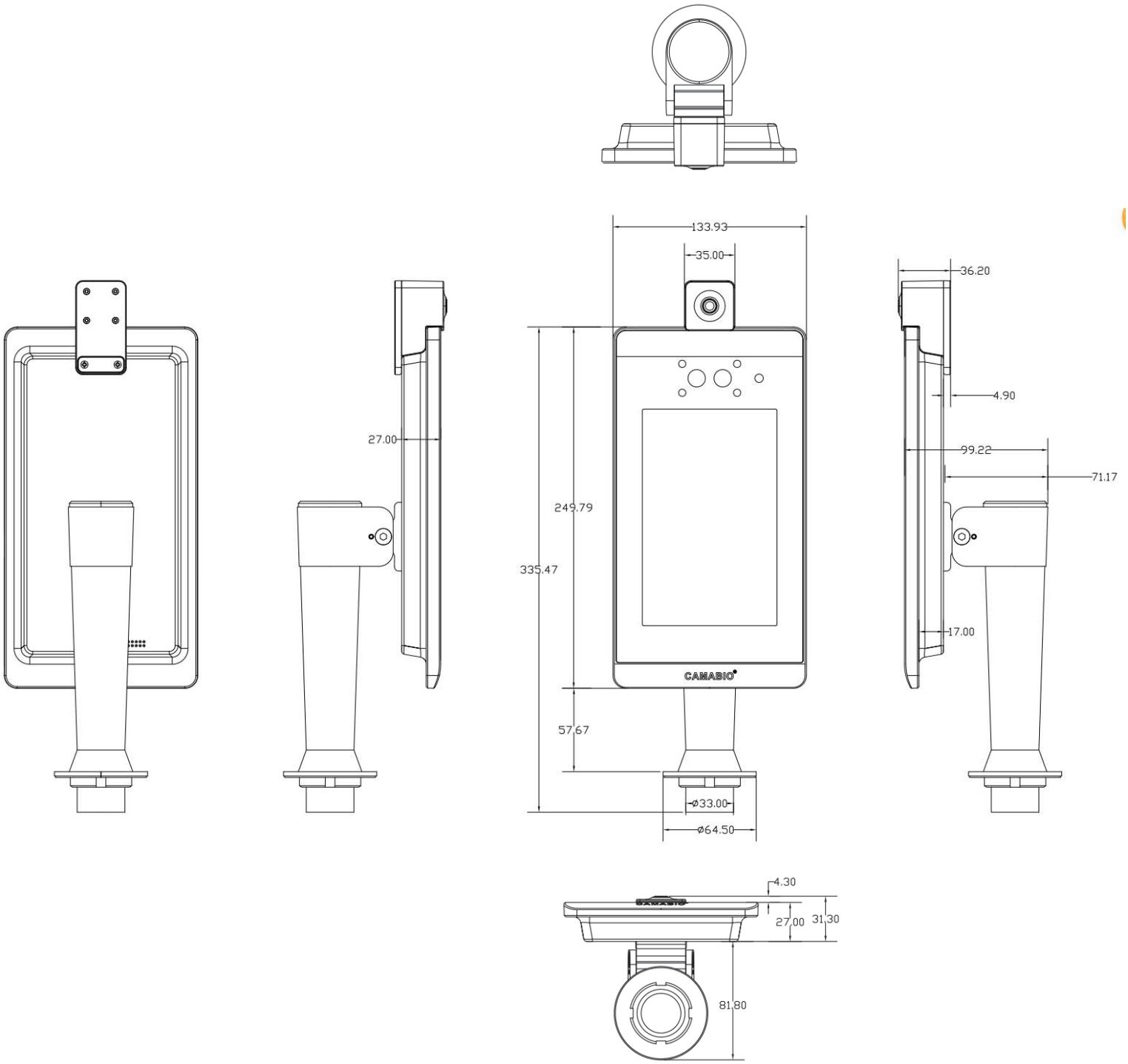
1. Description

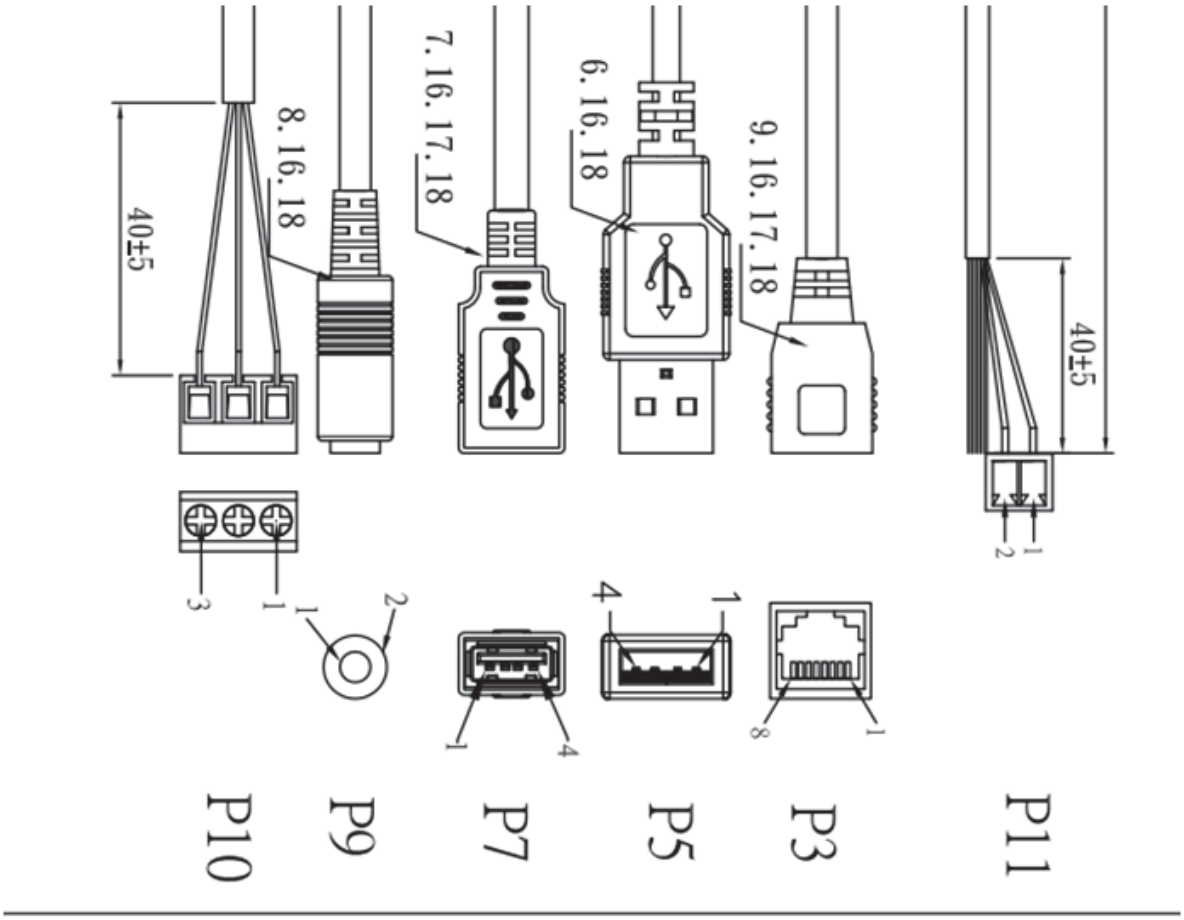
1.1 Description

CAMA-GA200 is a safe and convenient visible face recognition access control device. Based on newest CAMABIO face recognition algorithm, it will be easy for customers to manage building or office’ s access and attendance. It can be widely used for school, industrial park, government, company office, exhibition center, train station, airport, etc.

2. Hardware Structure



3. Serial Port Details



P11：RS485 Serial port line

White：485B　　Yellow：485A

Brown：+5V　　Black：GND

Red：Serial port 1TX　　Green：Serial port 1RX

Blue：+3.3V

P3：Ethernet port

P5：USB 2.0 male

P7：USB 2.0 female

P9：Power supply DC 5.5*2.0mm female，Connect to 9V/2A adaptive power supply

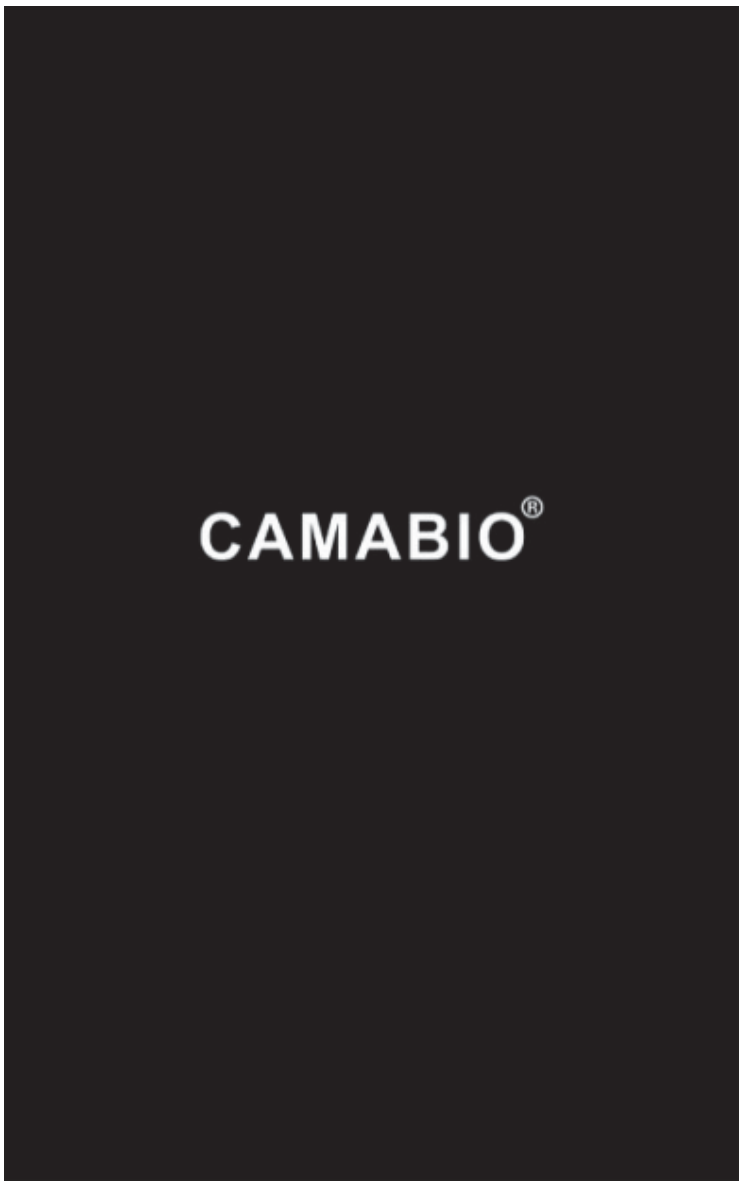
P10：Relay connector base

Red：Always off　　White：COM　　Green：Always on

4. Function

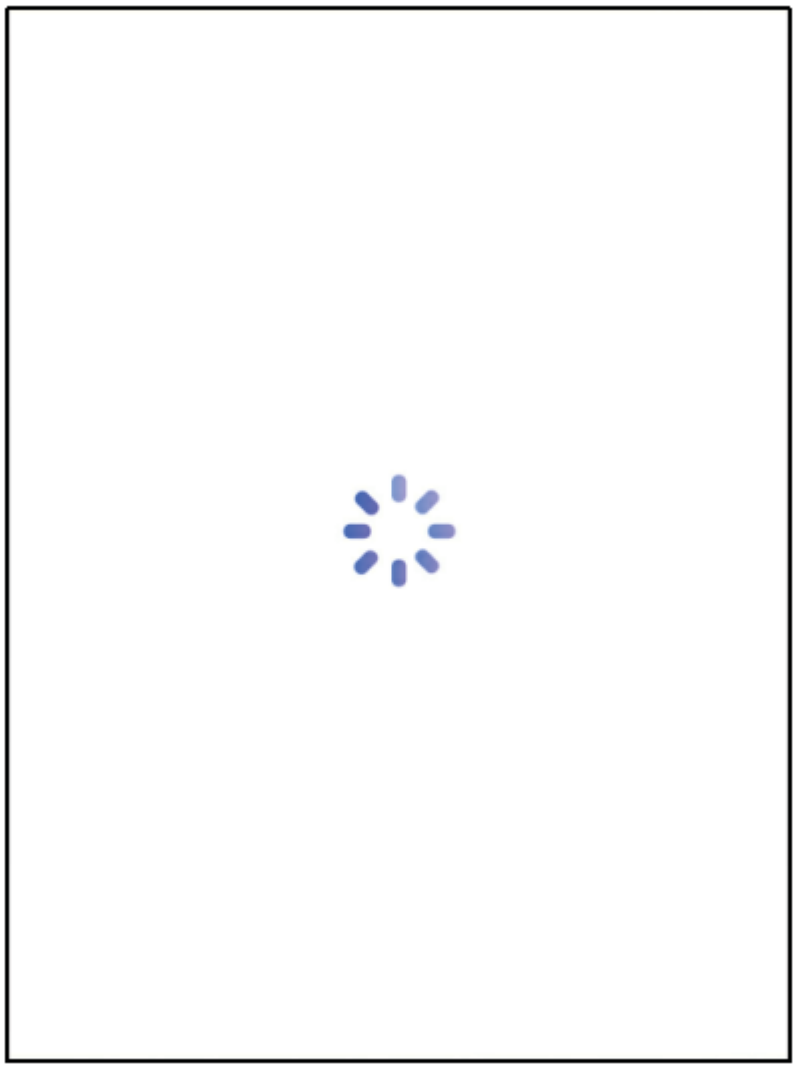
4.1 Device Startup

a)Plug in and switch on (Pic. 1)



(Pic. 1)

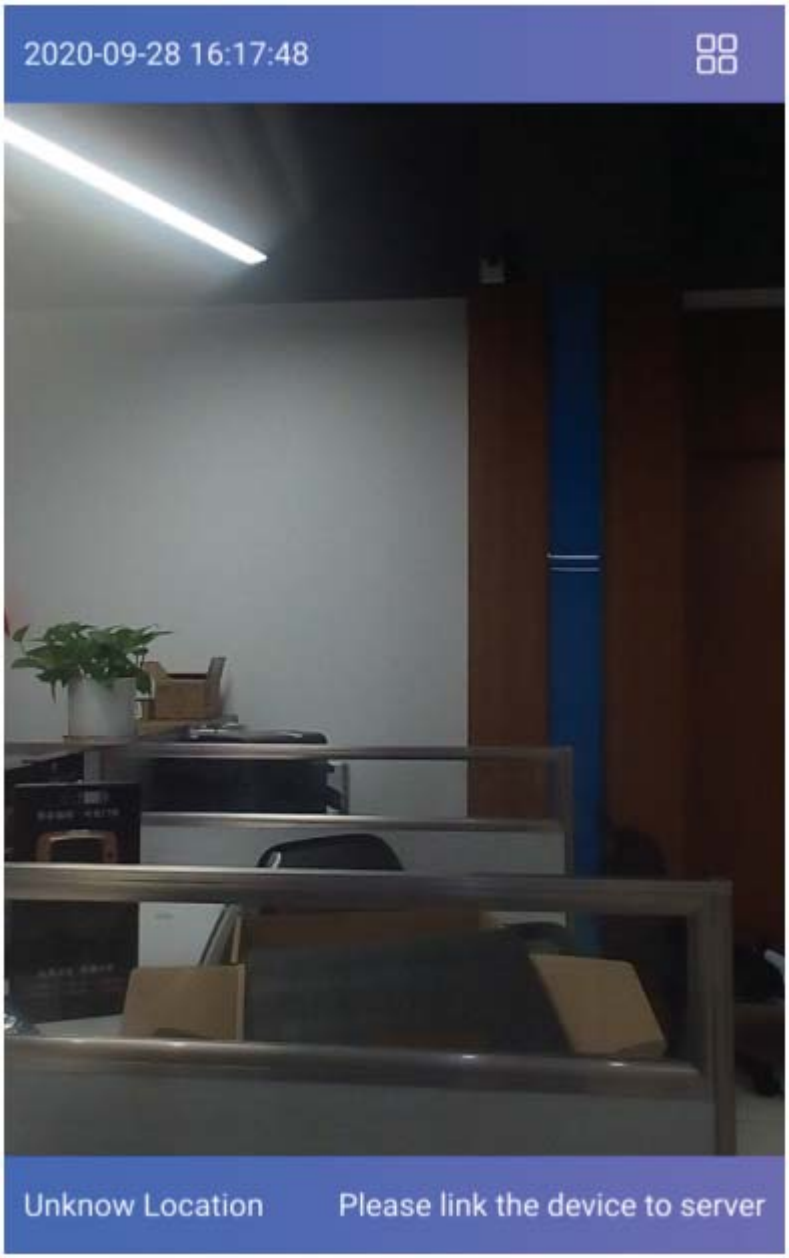
b)Device enters Loading interface. (Pic. 2)



(Pic. 2)

4. Function

c)Device enters Standby interface. (Pic. 3)



(Pic. 3)

Notice:

Location display: Show the binding location information of device.

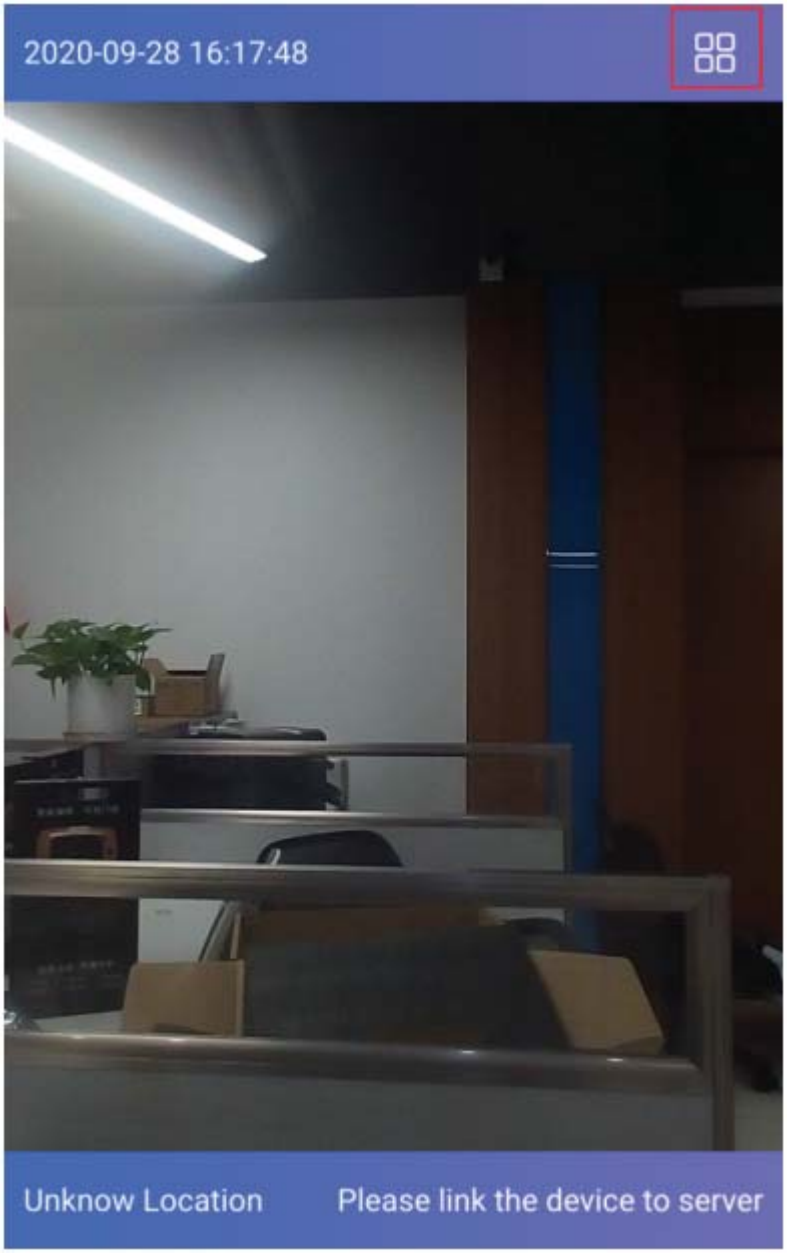
Device status: Real time display of current running status of device.

4. Function

4.2 Menu

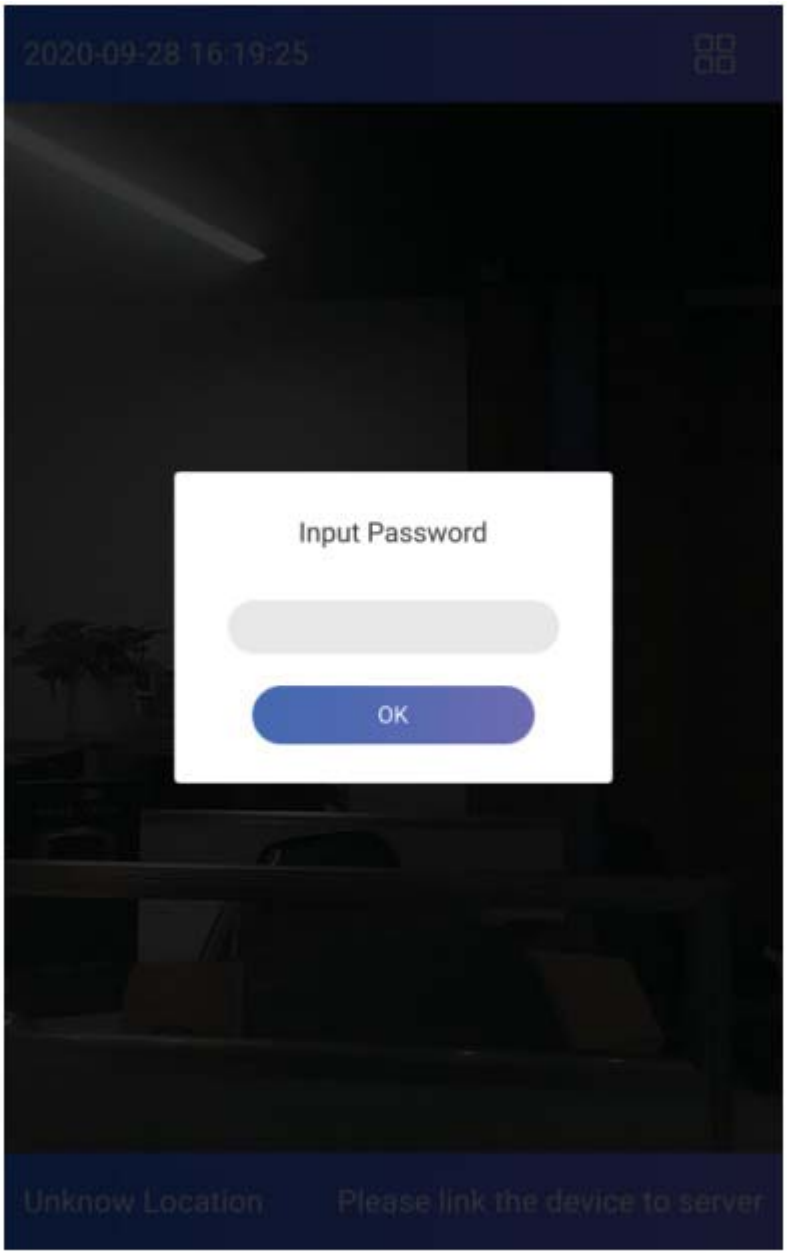
4.2.1Device Password

a)Touch “Menu” button. (Pic. 4)



(Pic. 4)

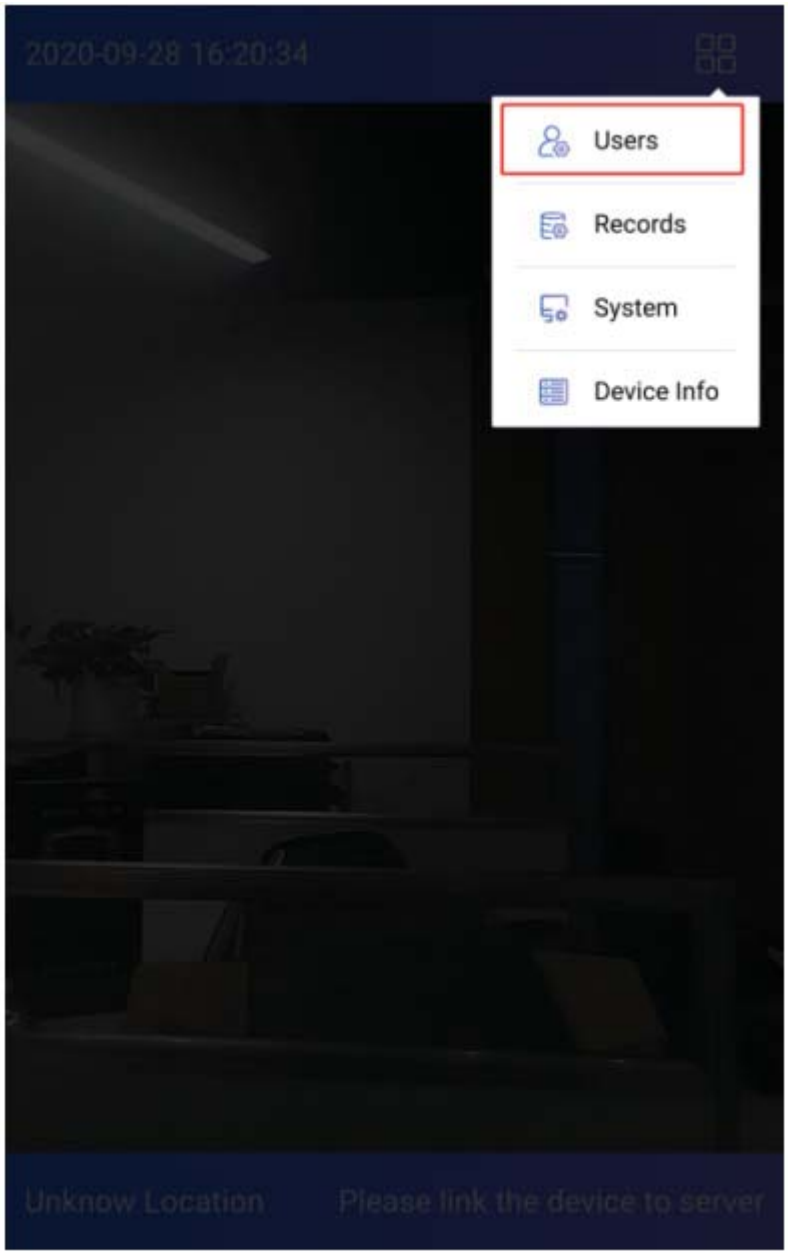
b)Please input “cama123456” and enter Menu interface. (Pic. 5)



(Pic. 5)

4.2.2 Users Management

a)Please touch “Users” button and enter Users Management interface. (Pic. 6)



(Pic. 6)

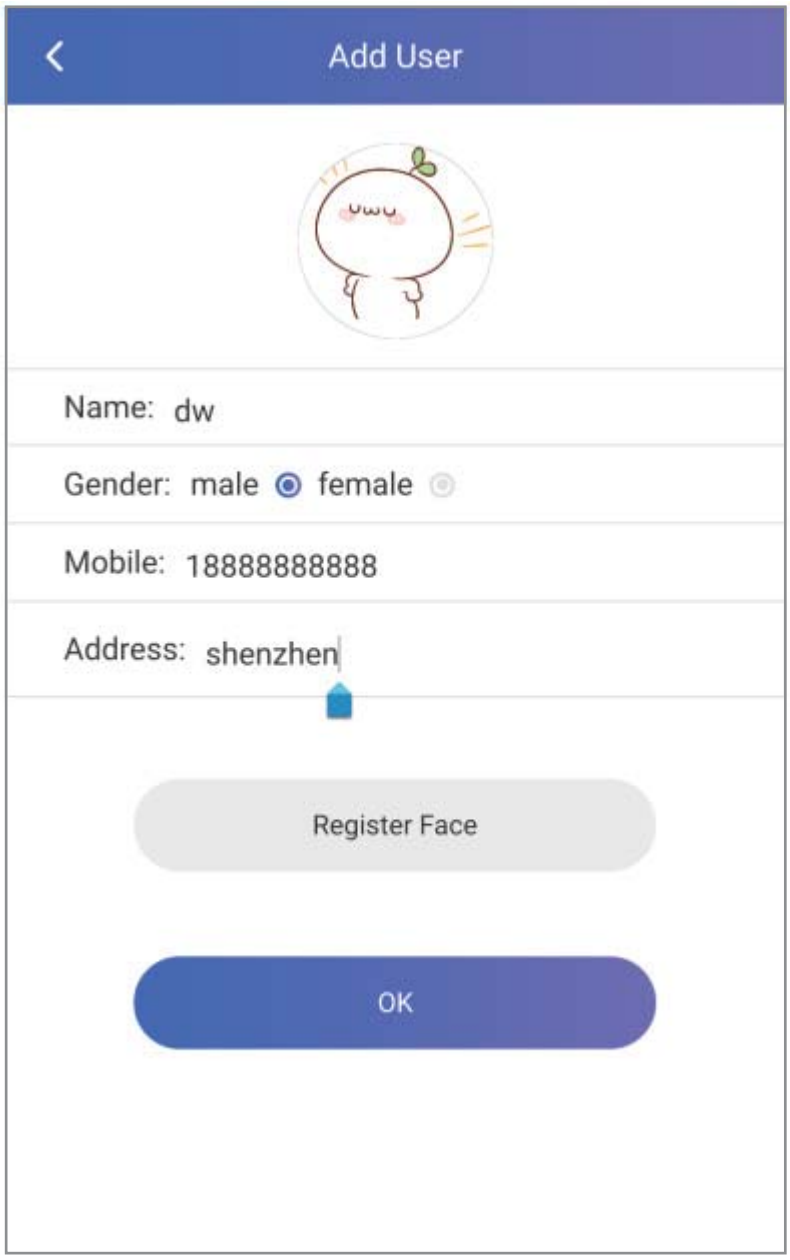
4. Function

4.2.2.1 Add Users

a)Please touch “Add” button and enter Add Users interface. (Pic. 7)

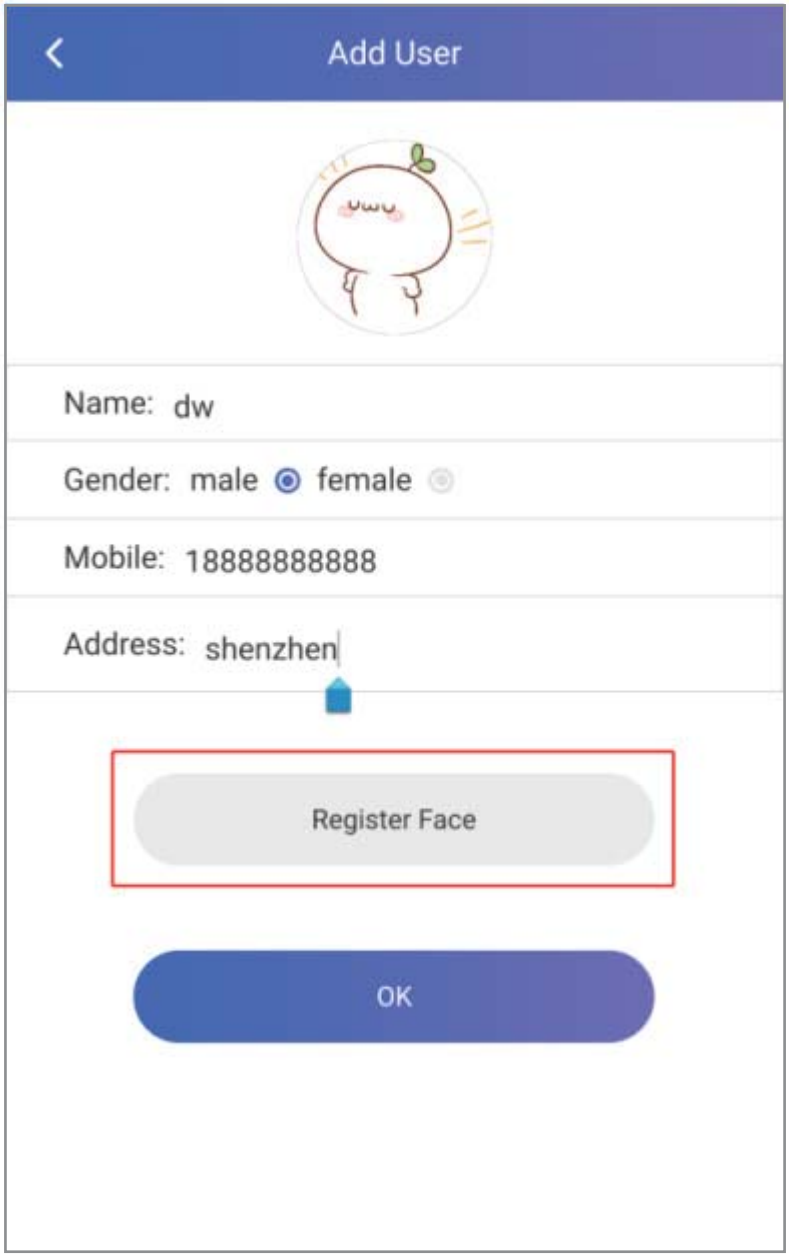
(Pic. 7)

b)Please fill in Name、Gender、Phone no. 、Address information, etc.. (Pic. 8)



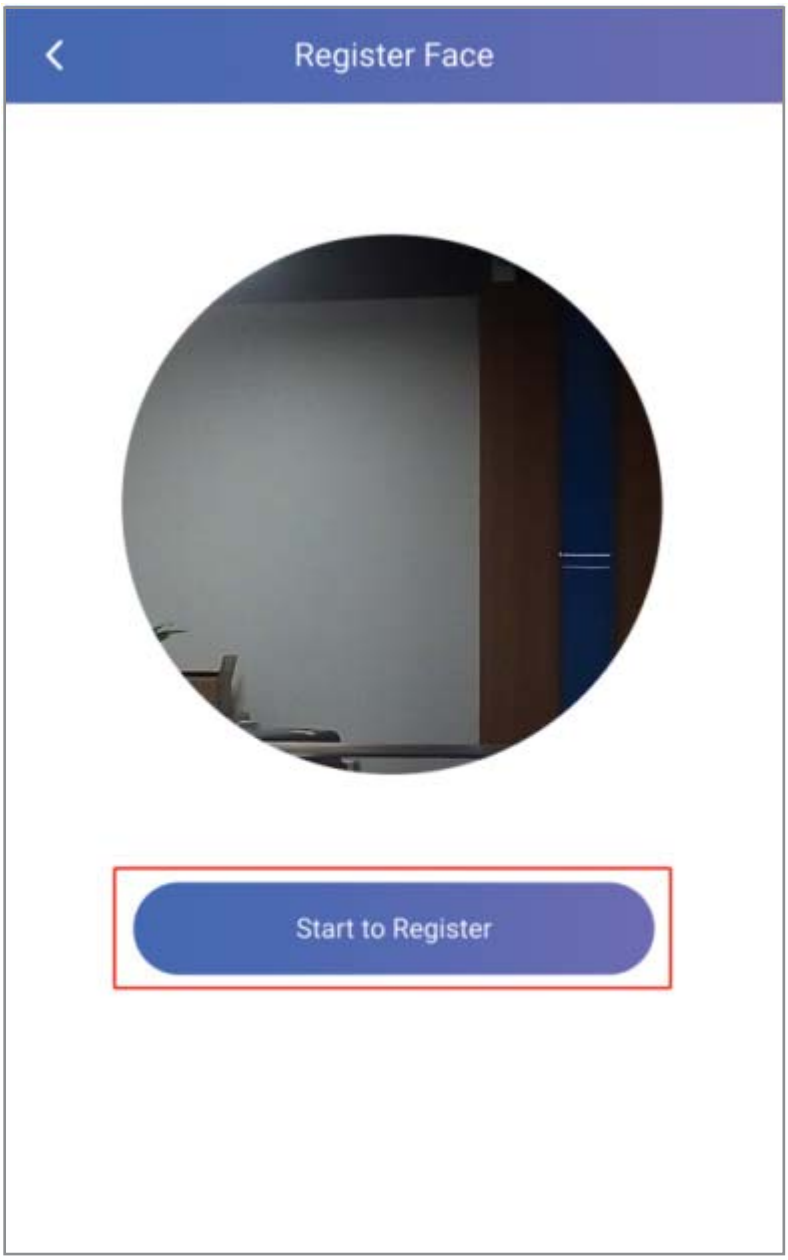
(Pic. 8)

c)Touch “Register Face” button and enters face register interface. (Pic. 9)



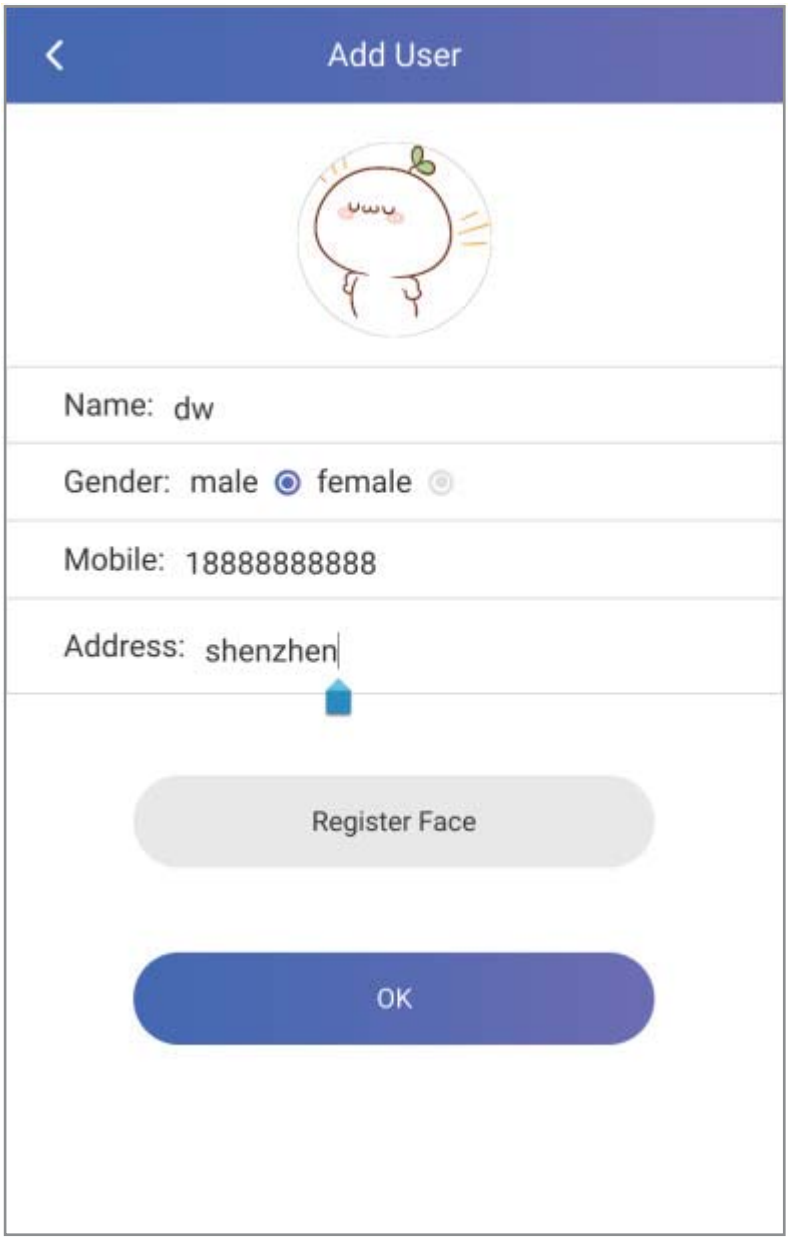
(Pic. 9)

d)Please touch “Start to Register” button and place the face inside of circle, device will capture face automatically. (Pic. 10)



(Pic. 10)

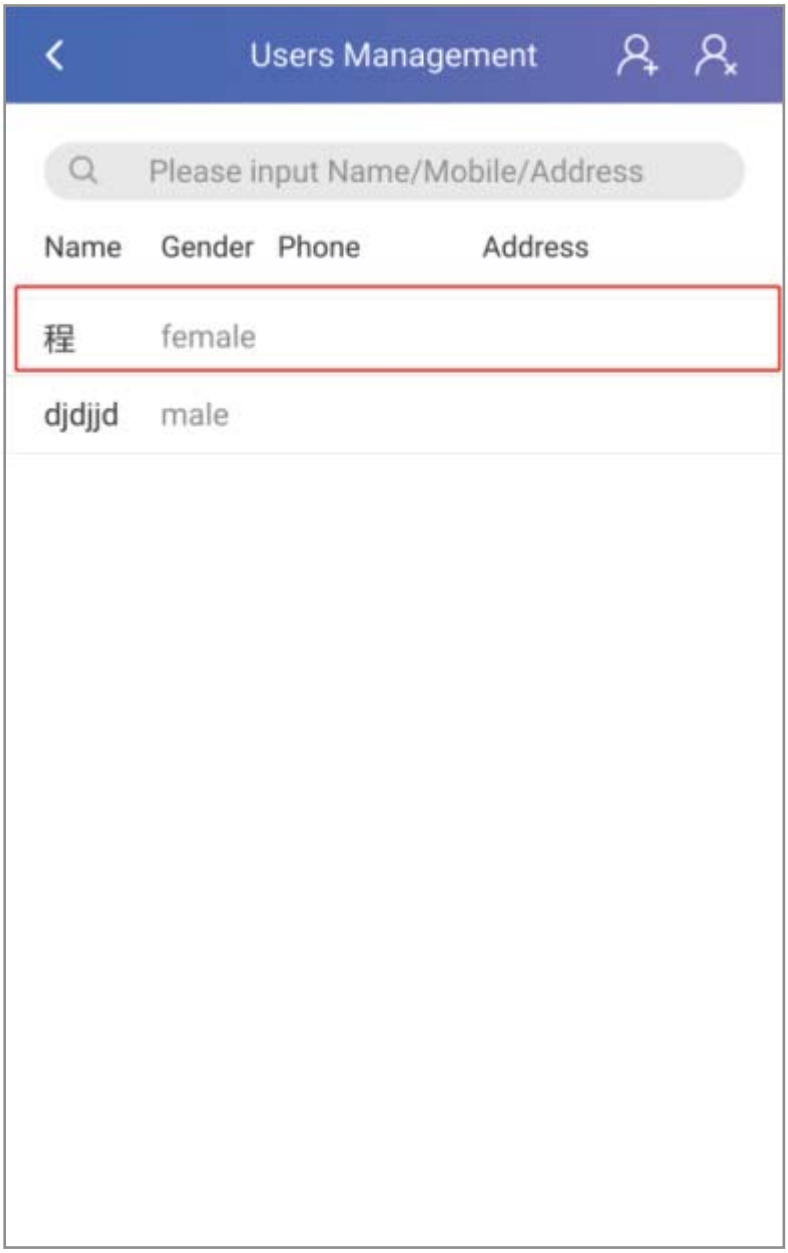
e)Please touch “OK” button, device will save this user information and return to Users Management interface. (Pic.11)



(Pic. 11)

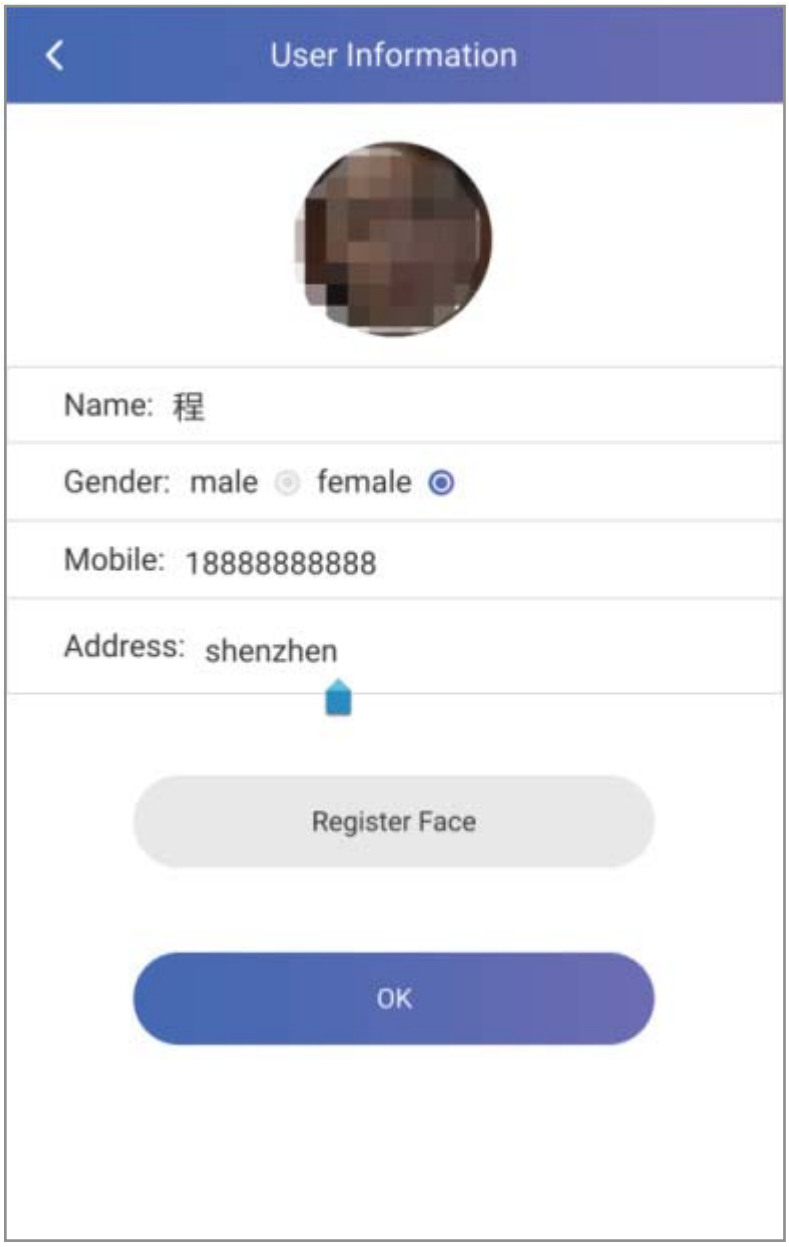
4.2.2.2 Modify Users

a)Choose the user which need to be modified and enter Users Details interface.(Pic.12)



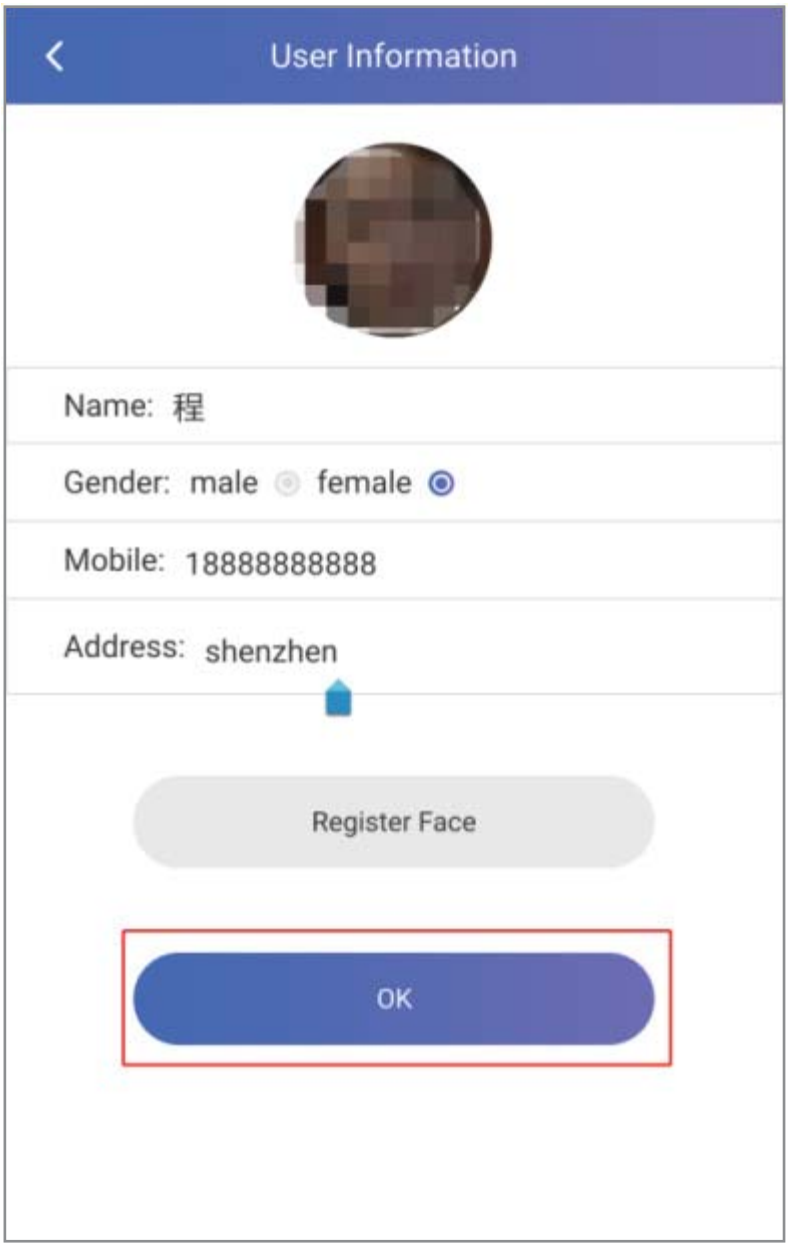
（Pic. 12）

b)Modify users information also could support face re-registration. (Pic. 13)



(Pic. 13)

c)Please touch “OK” button, device will save the modified information and return to Users Management interface. (Pic. 14)



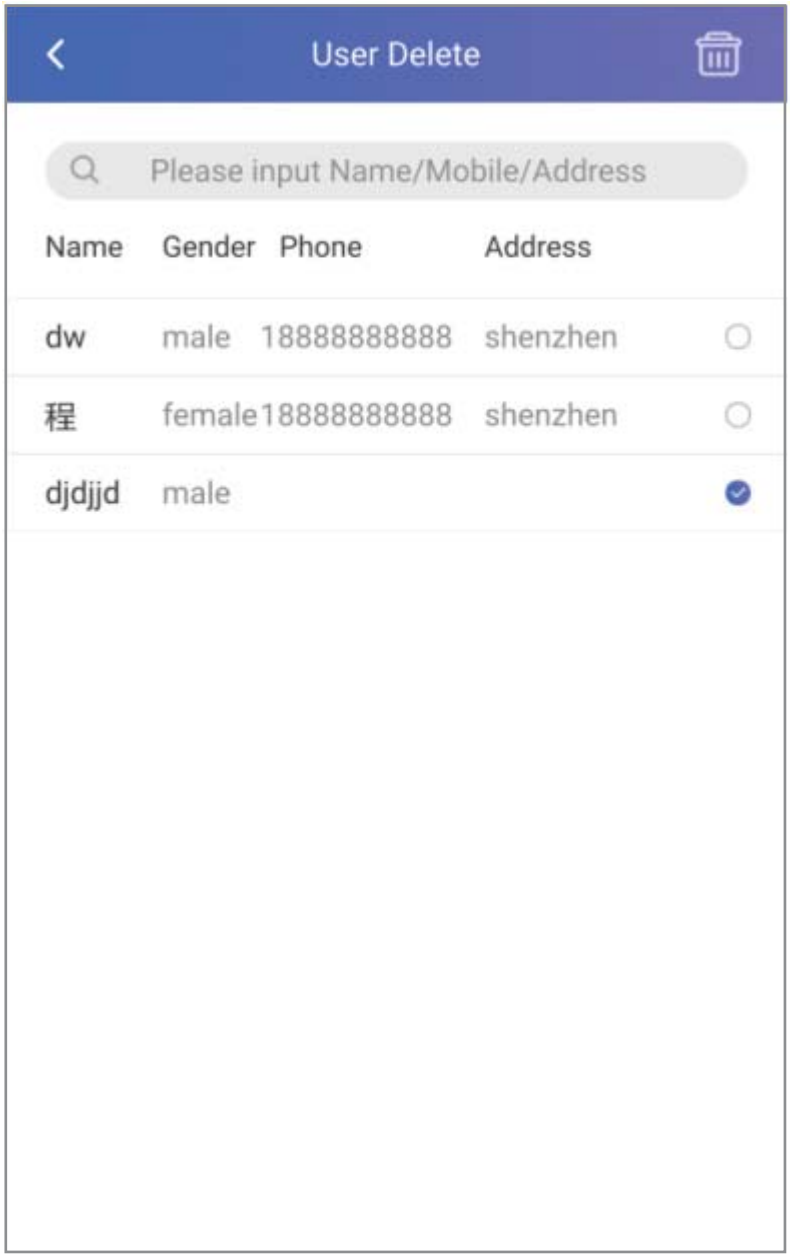
(Pic. 14)

4.2.2.3 Delete Users

Touch “Delete Users” button and enter Delete mode.(Pic. 15)

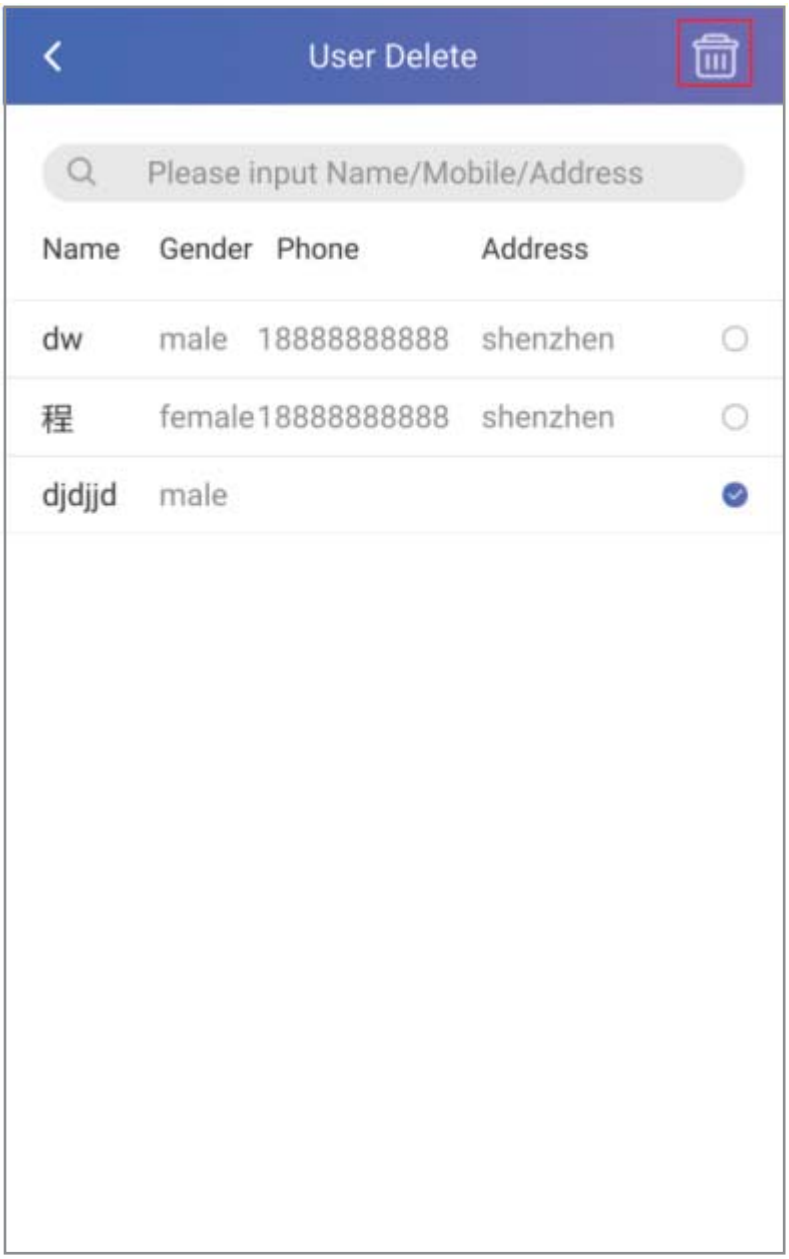
(Pic. 15)

b)Select the users to be deleted. (Pic. 16)



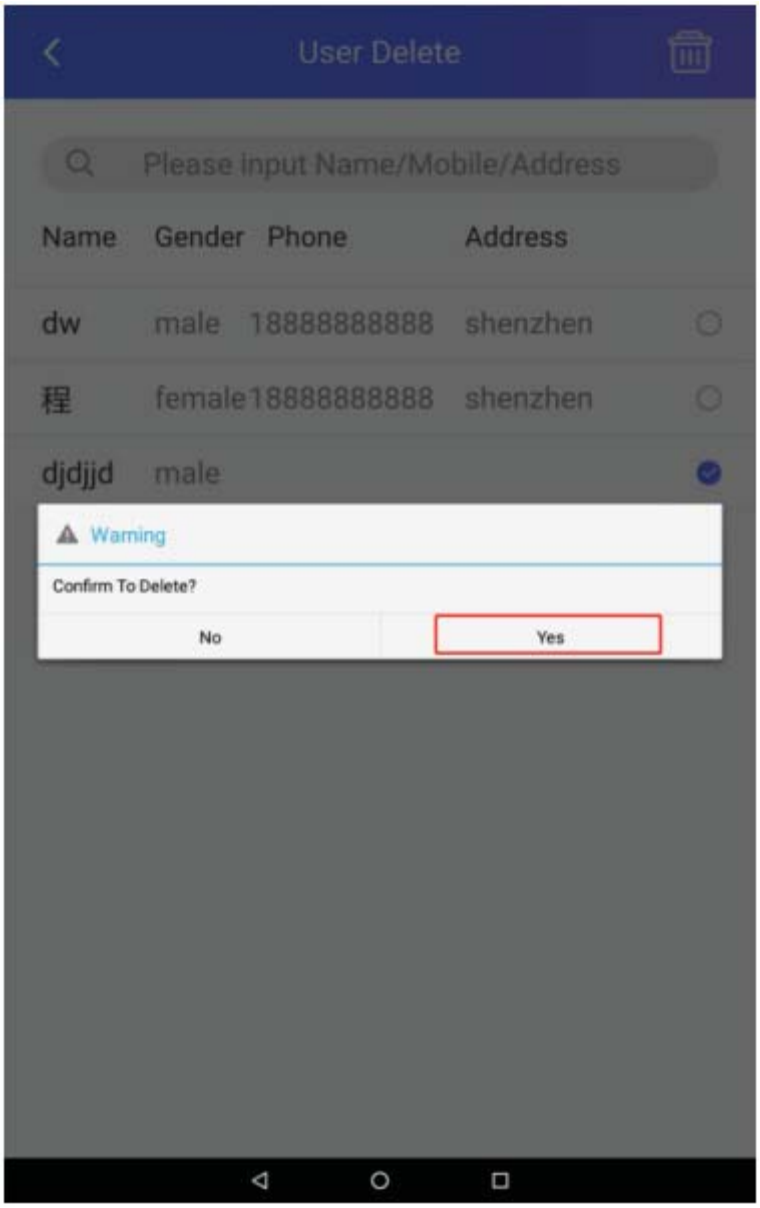
(Pic. 16)

c)Touch “Delete” button. (Pic. 17)



(Pic. 17)

d)Touch “Yes” button, device will delete all the selected users. (Pic. 18)



(Pic. 18)

4.2.2.4 Search Users

a)Please touch “Search Box”. (Pic. 19)

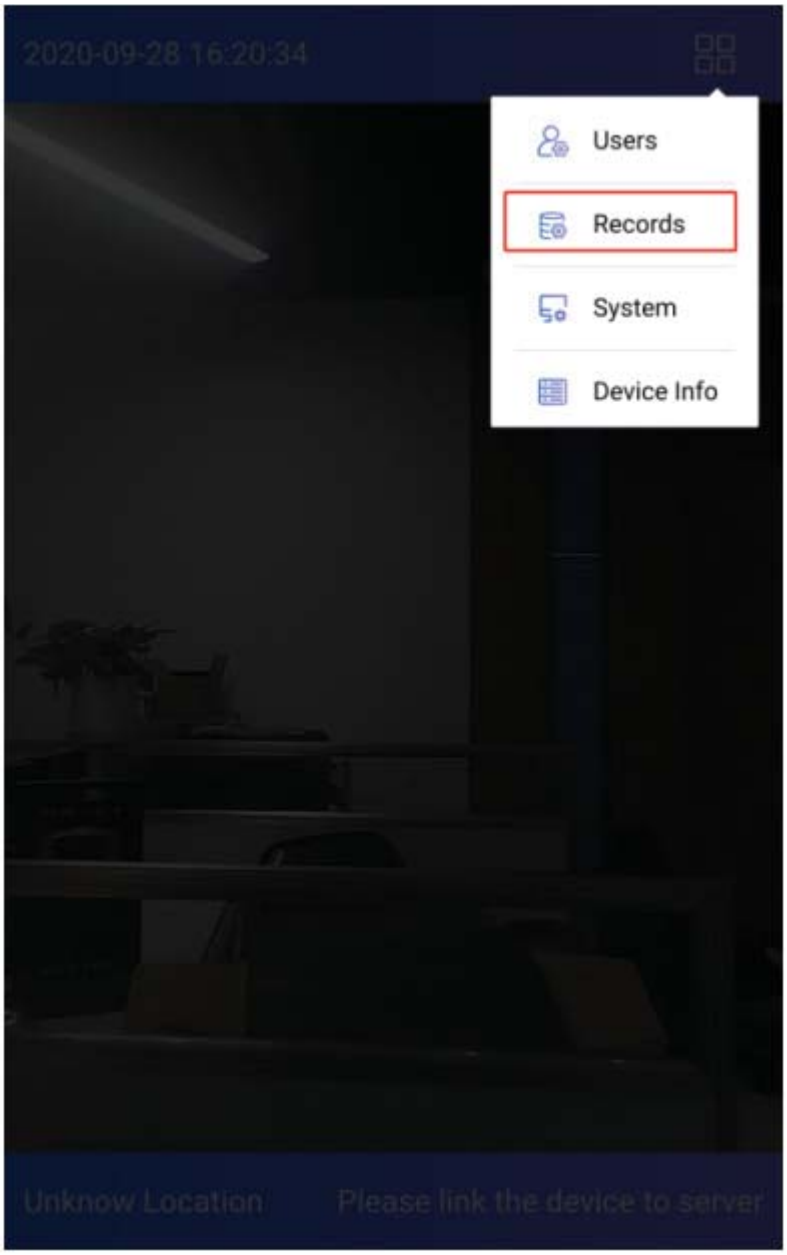
(Pic. 19)

b)Support to input Name, Mobile and Address information.

4.2.3 Records Management

4.2.3.1 Records Query

a)Please touch “Records” button and enter Records Management interface. (Pic. 20)



(Pic. 20)

b)2000 records are displayed by default on Records Management interface. (Pic. 21)

（Pic. 21）

4.2.3.2 Search Records

a)Touch Search Box. (Pic. 22)

（ Pic. 22 ）

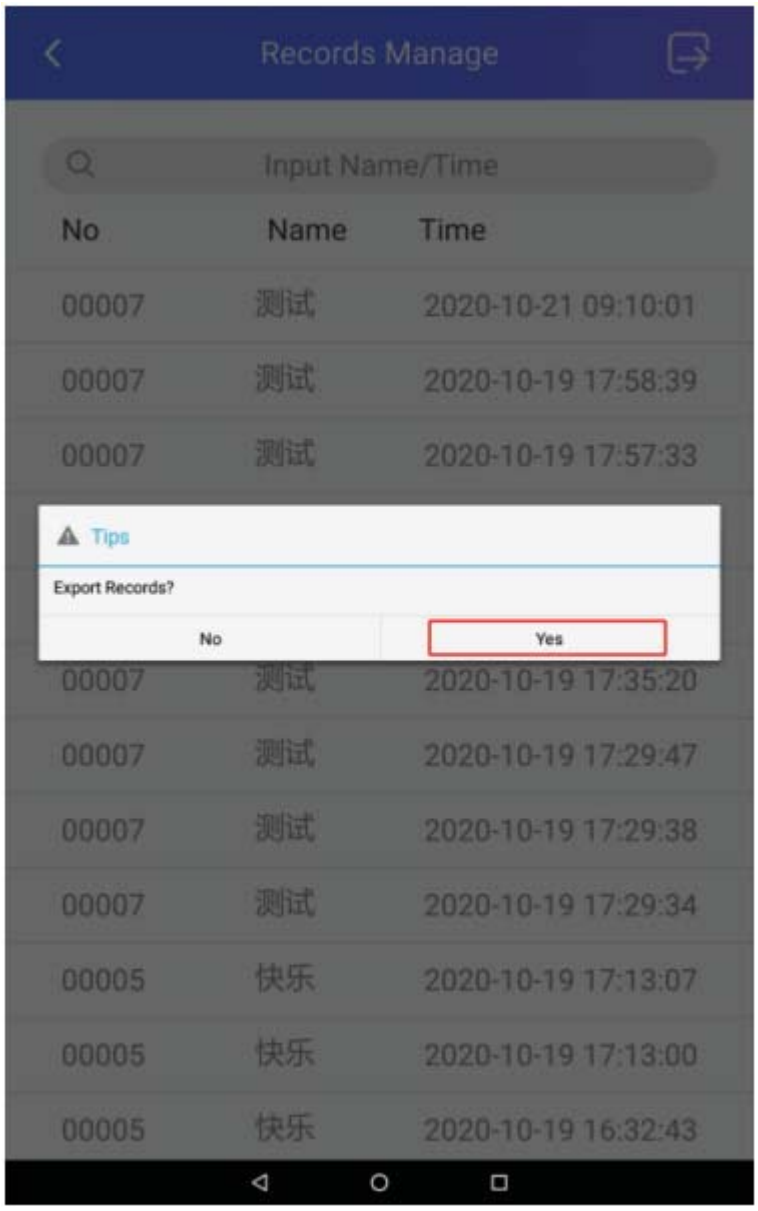
b)Support to input Name and Time.

4.2.3.3 Export Records

a)Please touch “Export Records” button. (Pic. 23)

(Pic. 23)

b)Touch “Yes” button. (Pic. 24)



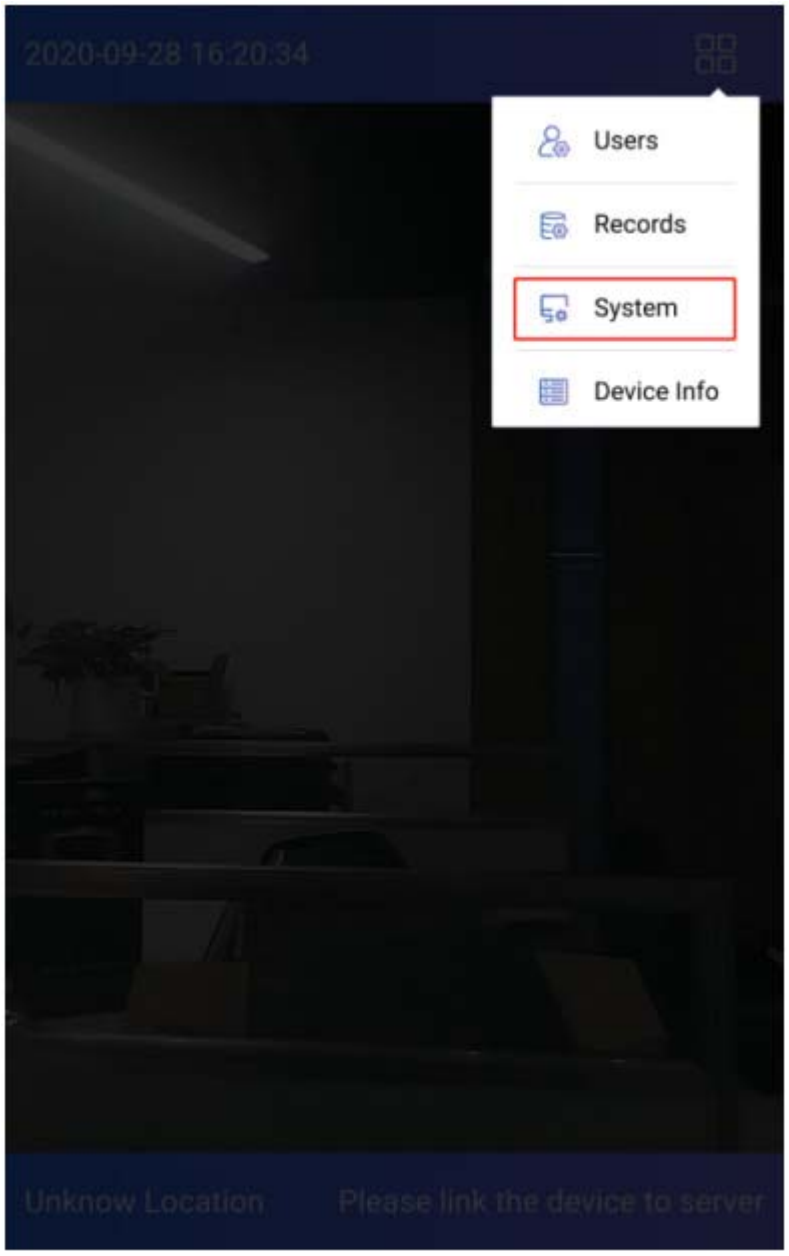
(Pic. 24)

c)Select the U disk route to be saved and touch “Save” button. (Pic. 25)

(Pic. 25)

4.2.4 System Settings

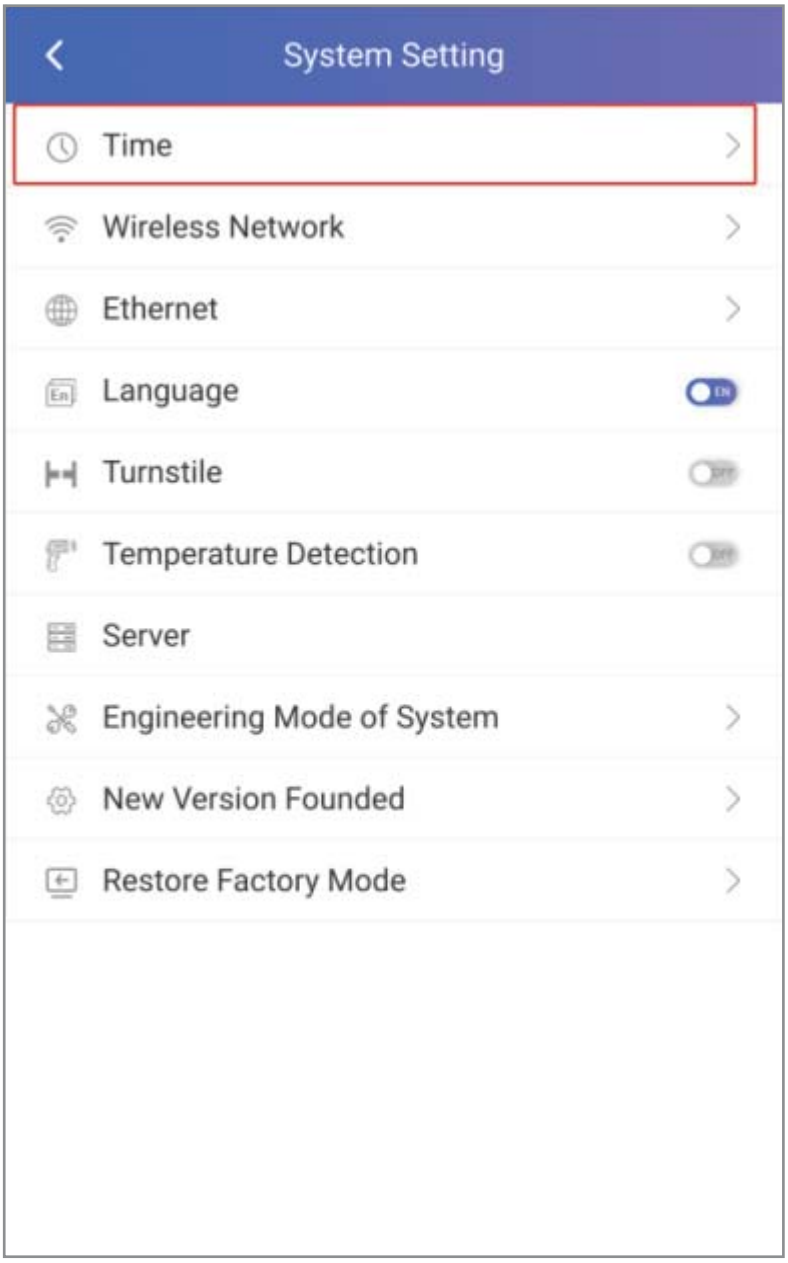
a)Please touch “System” button and enter System Settings interface. (Pic. 26)



(Pic. 26)

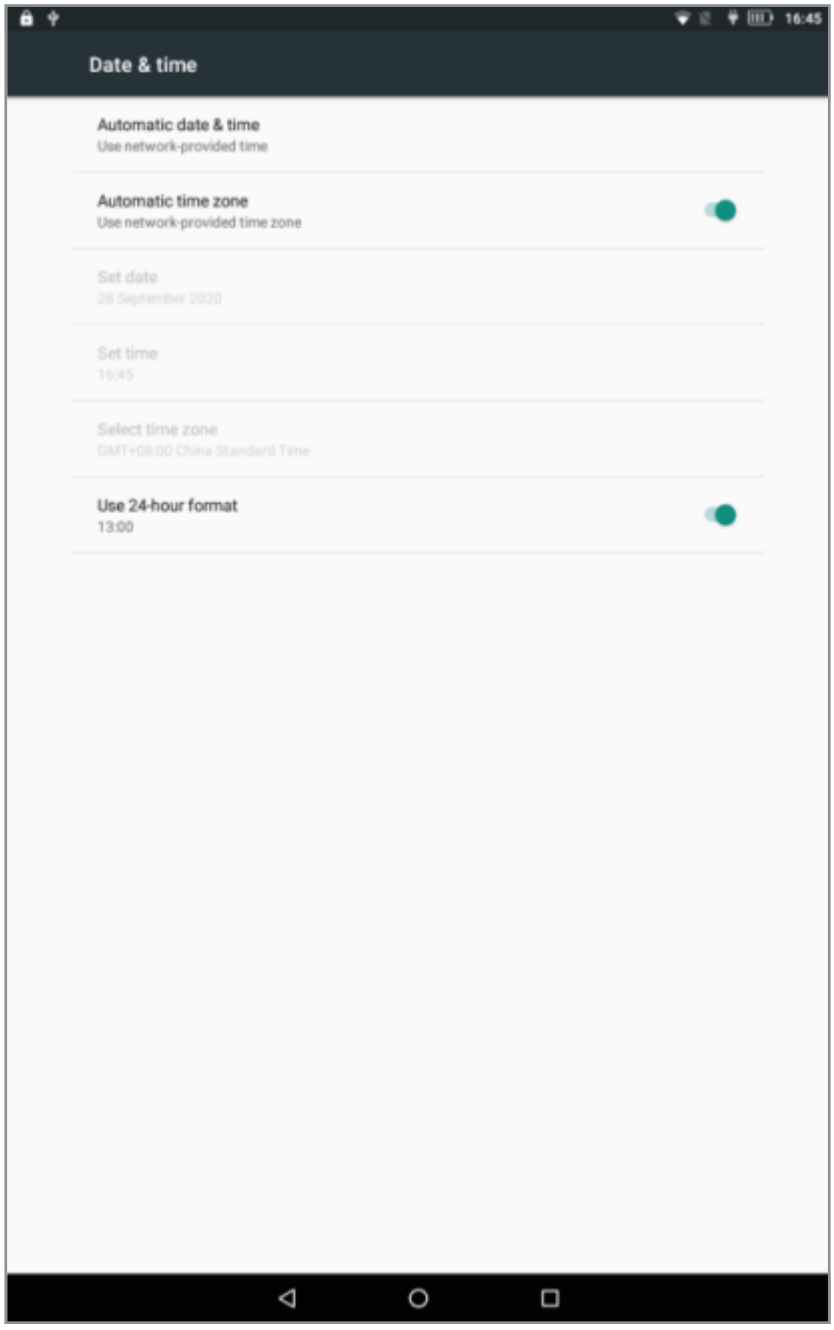
4.2.4.1 Time

Please touch “Time” module and enter Time Setting interface. (Pic. 27)



(Pic. 27)

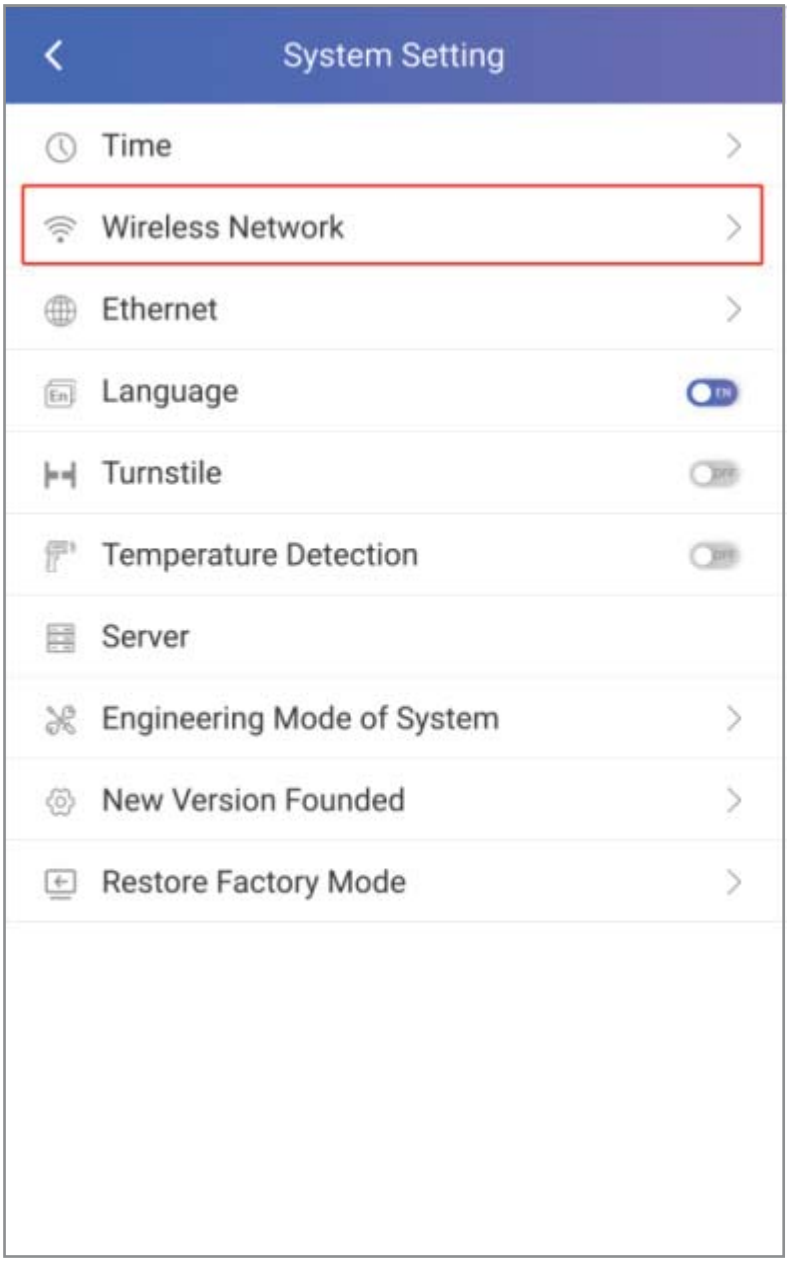
b)Support to set Date, Time, Time zone and Display format on Time & Date interface. (Pic. 28)



(Pic. 28)

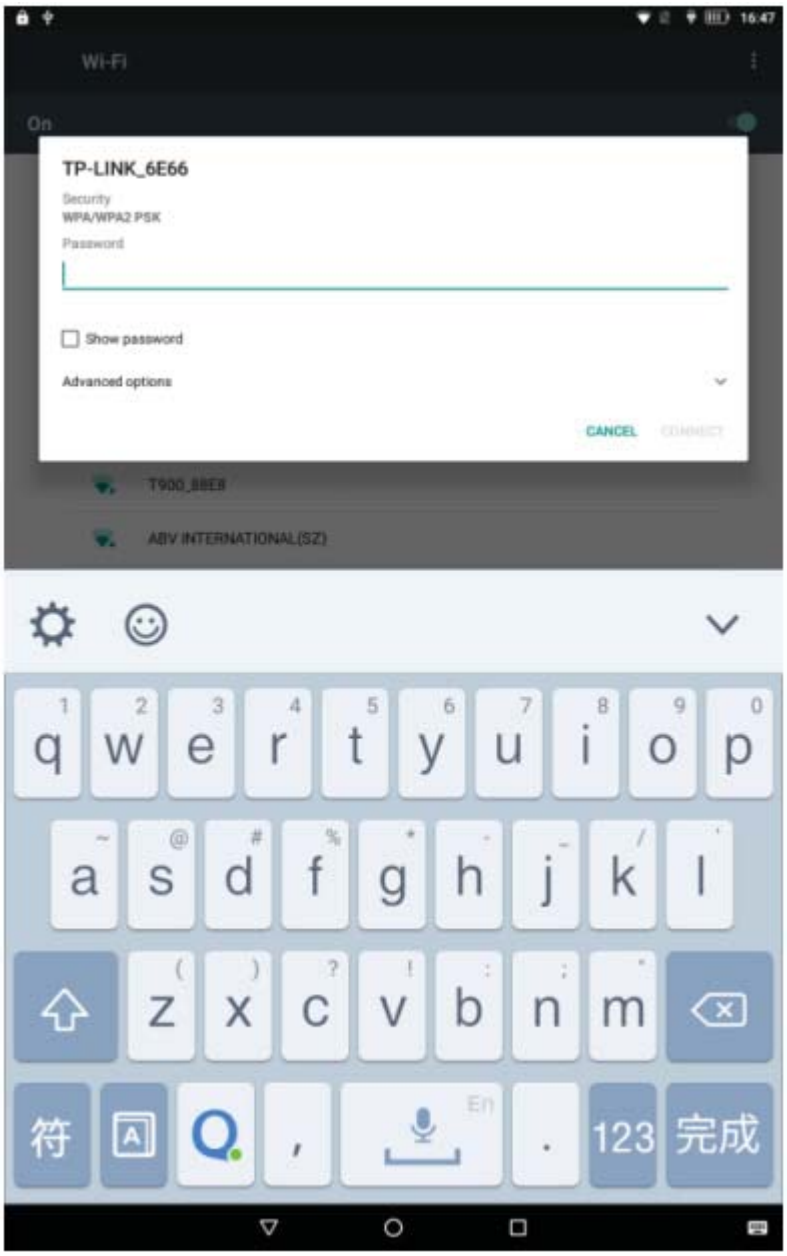
4.2.4.2 Wireless Network

a)Please touch “Wi-Fi” and enter Wi-Fi setting interface. (Pic. 29)



(Pic. 29)

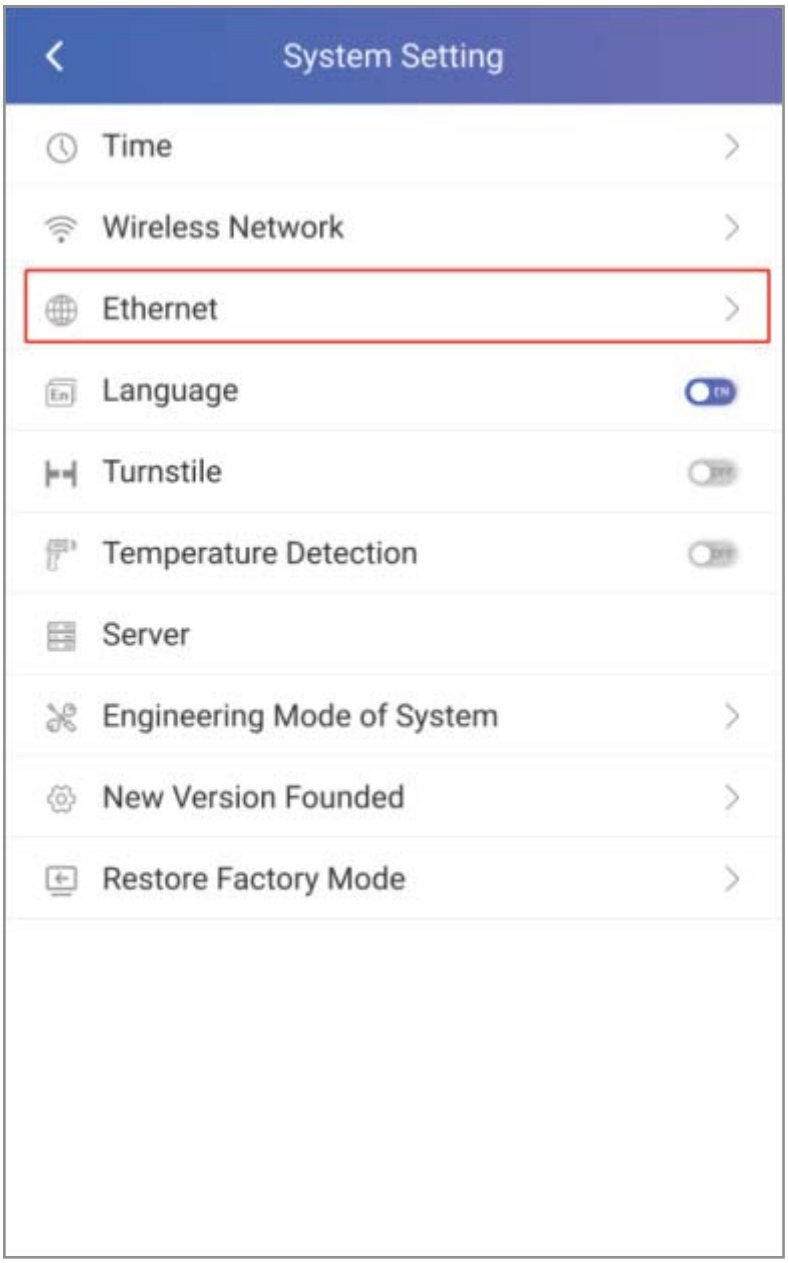
b)Touch Wi-Fi to be connected and input the password. (Pic. 30)



（Pic. 30）

4.2.4.3 Ethernet

a)Please touch “Ethernet” and enter Ethernet Setting interface. (Pic. 31)



(Pic. 31)

b)Select “Ethernet”, system will obtain Network configuration information automatically. (Pic. 32)

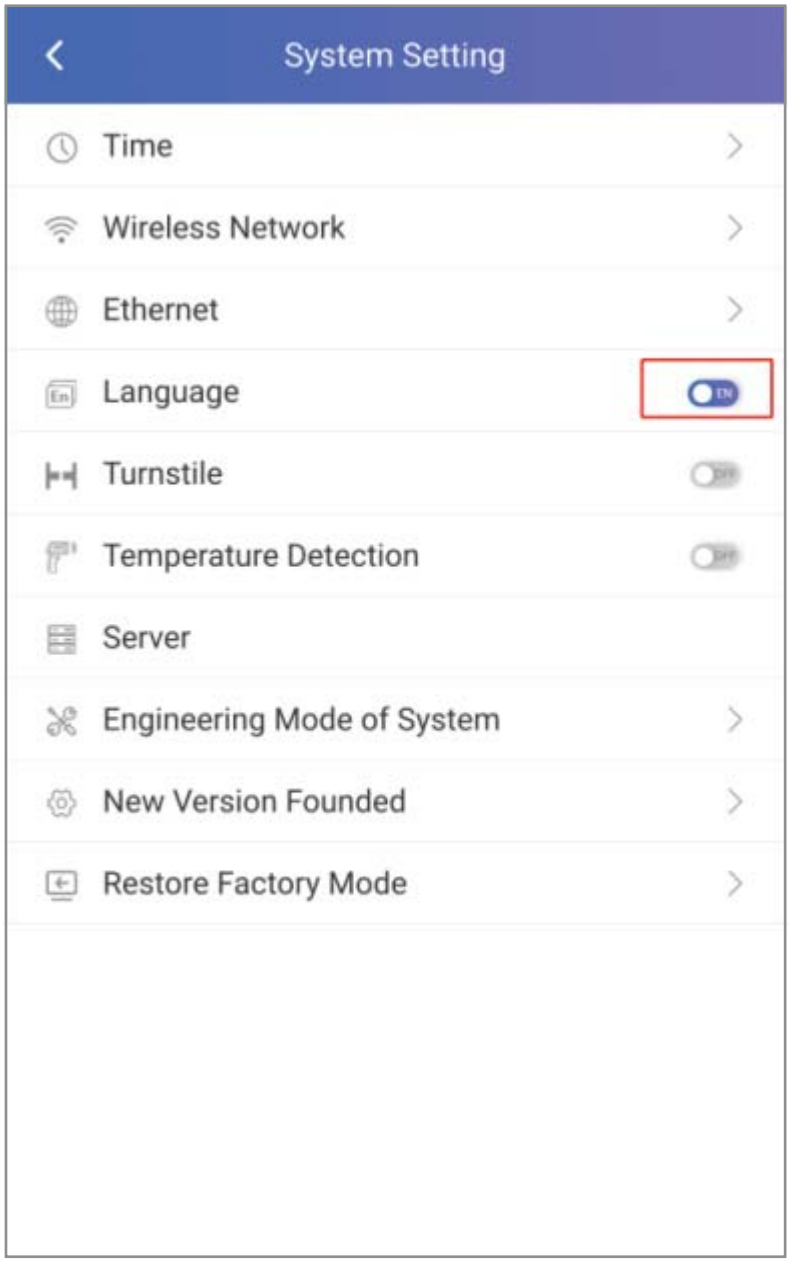
(Pic. 32)

c)Touch “Static IP Settings”, able to input IP, Subnet Mask, Gateway and other Network configuration information . (Pic. 33)

(Pic. 33)

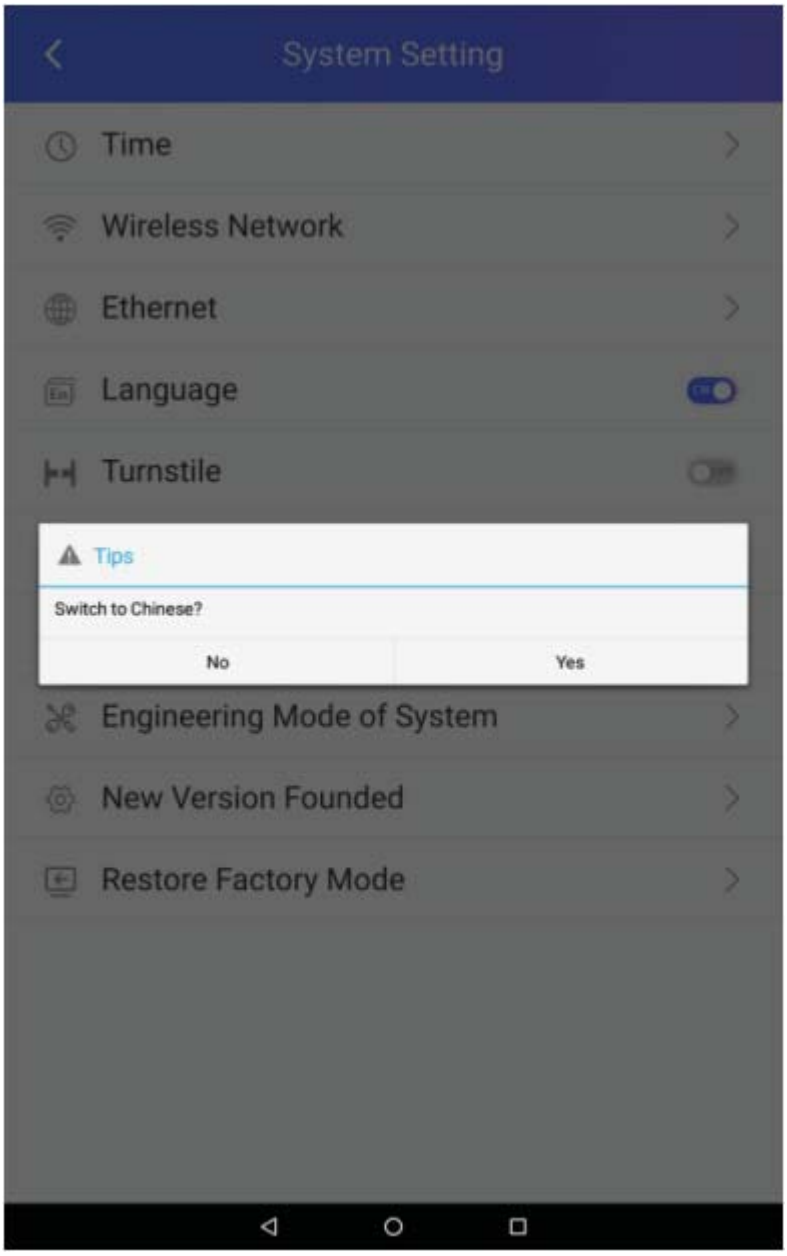
4.2.4.4 Language

a)Please touch”Language” button to set English or Chinese. (Pic. 34)



(Pic. 34)

b)Touch “Yes” button, device will restart and switch to the language that you need. (Pic. 35)



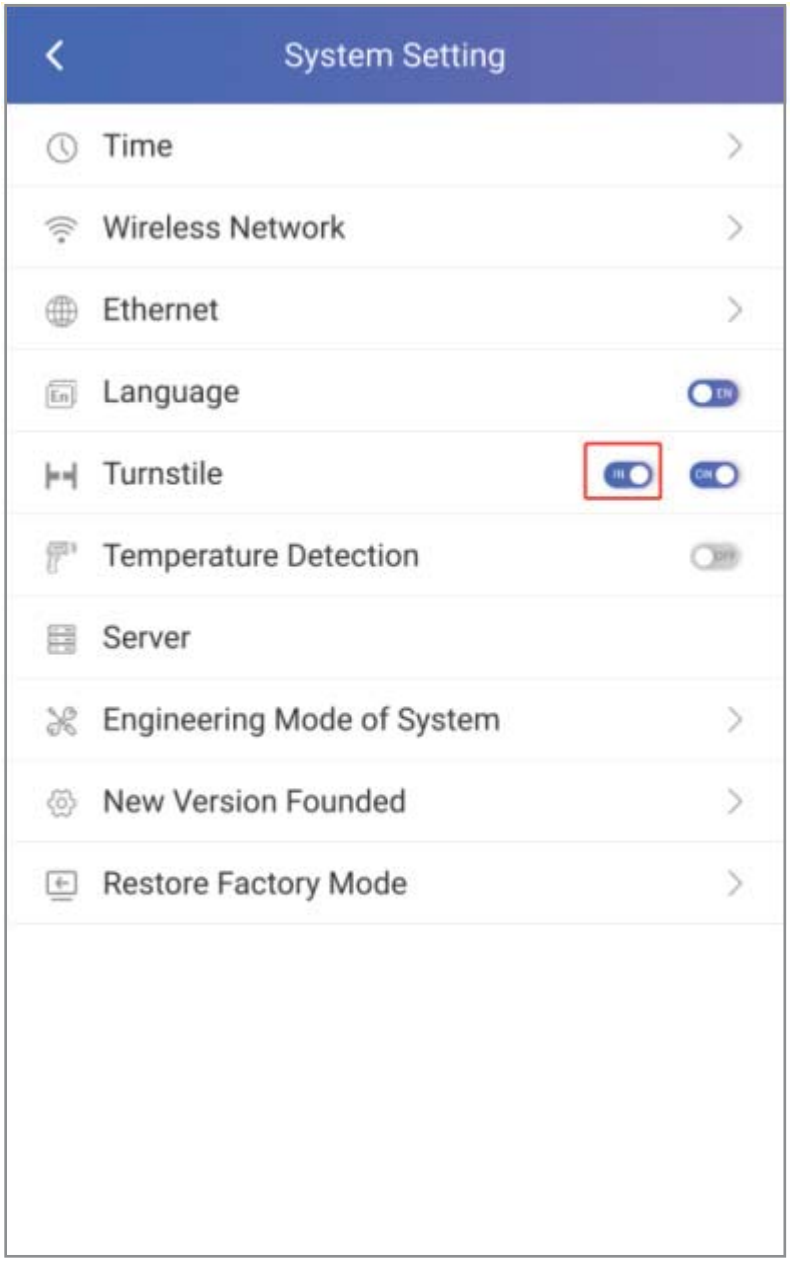
(Pic. 35)

4.2.4.5 Turnstile

a)Please open “Turnstile” button, device will open turnstile channel after users verified successfully. (Pic. 36)

(Pic. 36)

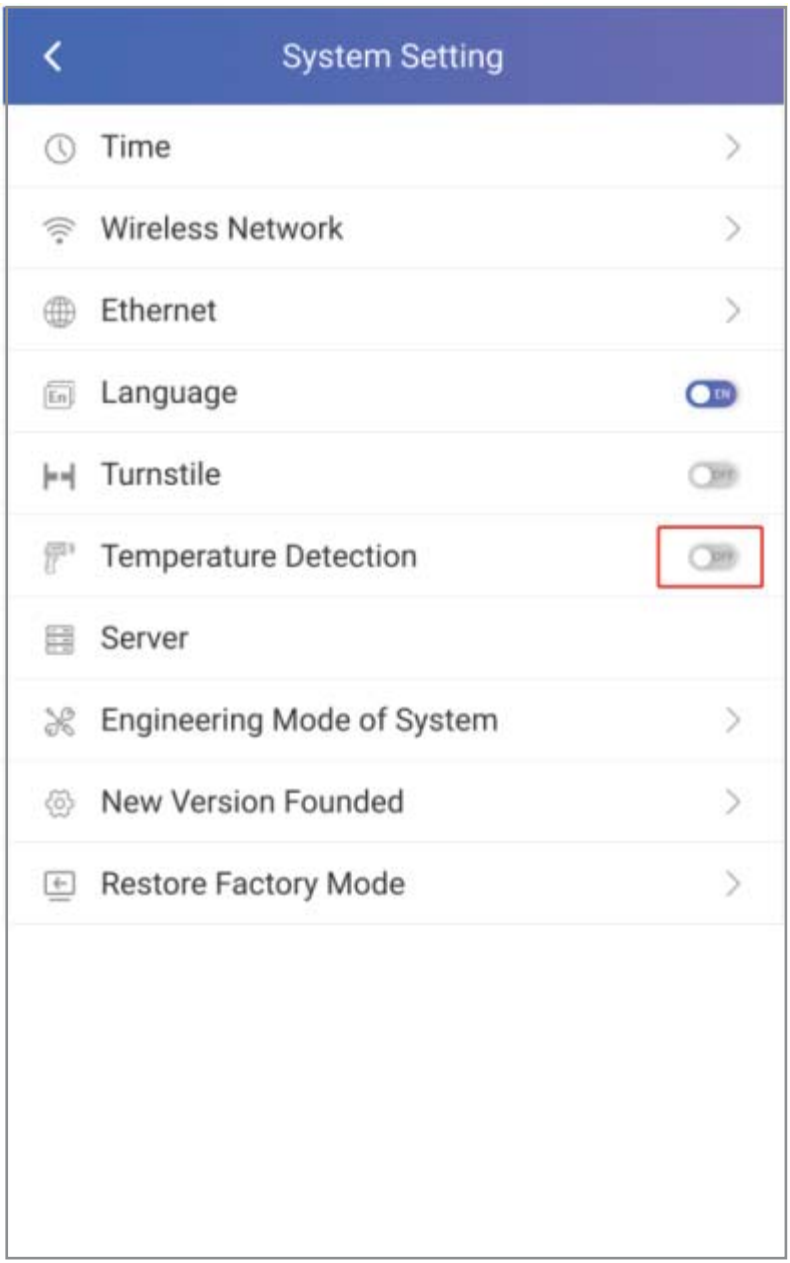
b)Touch “On” or “Off” button, able to set the opening direction of Turnstile. (Pic. 37)



(Pic. 37)

4.2.4.6 Temperature Detection

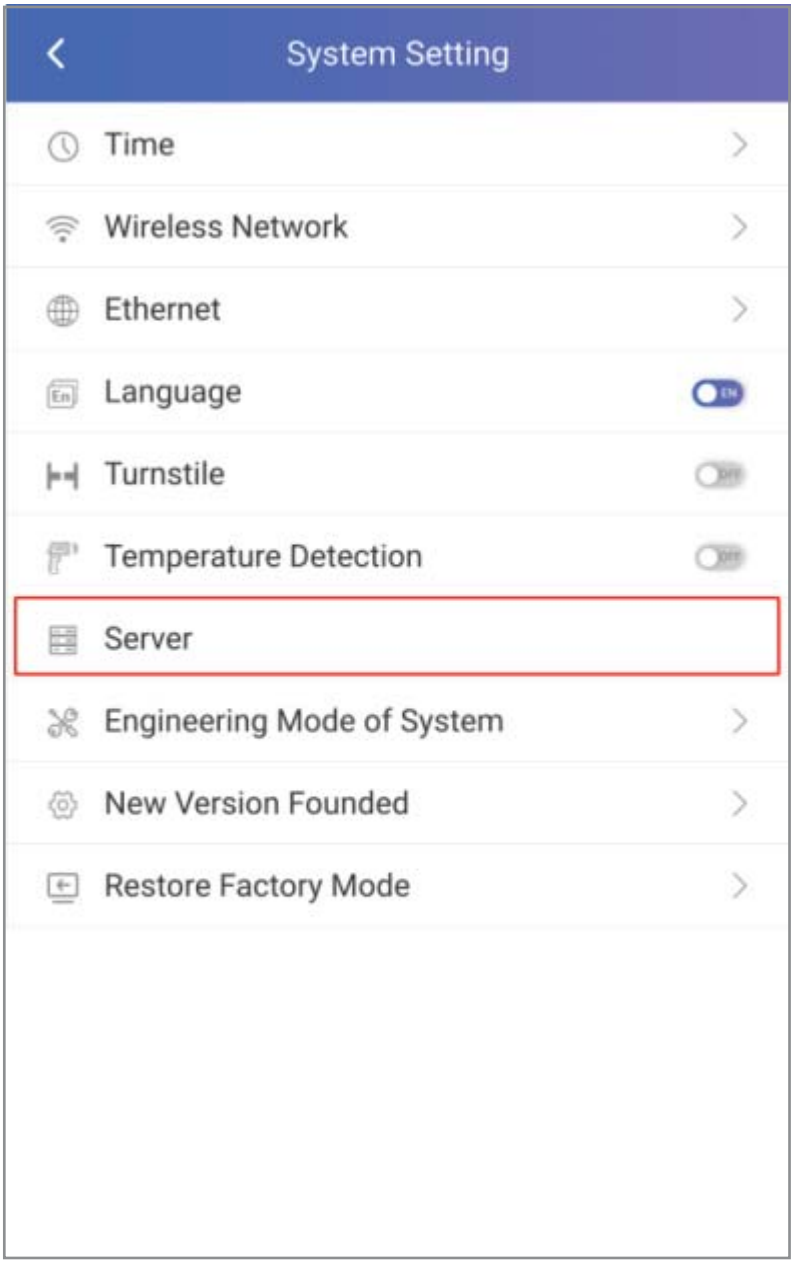
a)Please open Temperature Detection function when device is matched with temperature module, device will detect the user’s body temperature after the user verified successfully. (Pic. 38)



(Pic. 38)

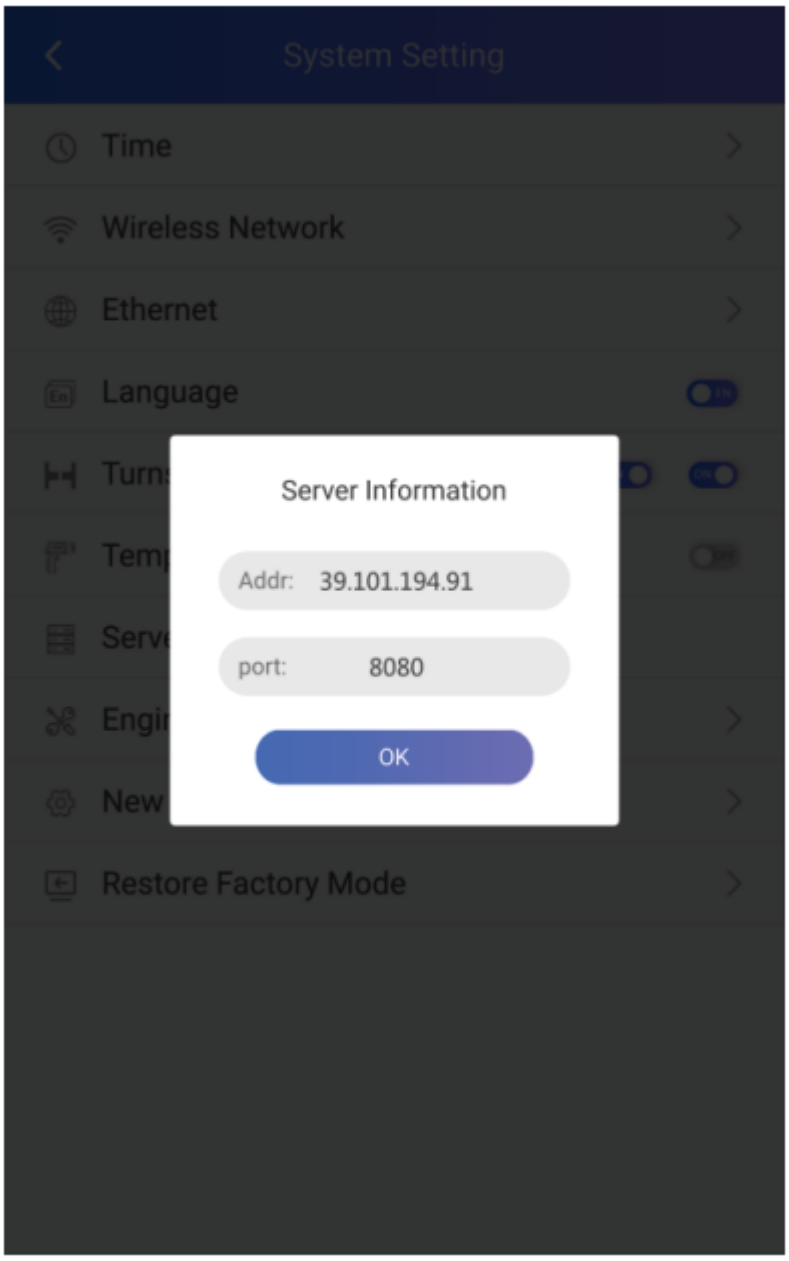
4.2.4.7 Server

a)Please touch “Server” and enter Server setting interface. (Pic. 39)



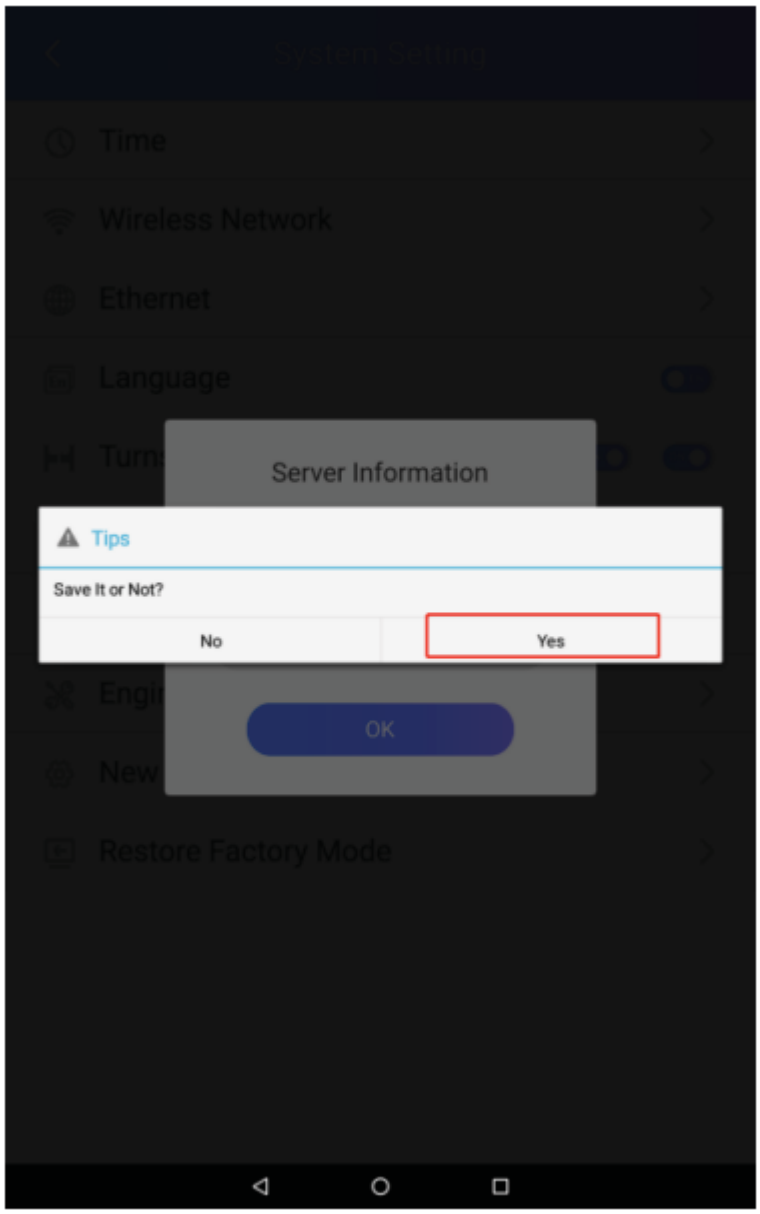
(Pic. 39)

b)Touch “OK” button after input input Server address and port info.(Pic. 40)



(Pic. 40)

c)Touch “Yes” button, device will save Server information and will connect Server automatically after Wi-Fi connected. (Pic. 41)



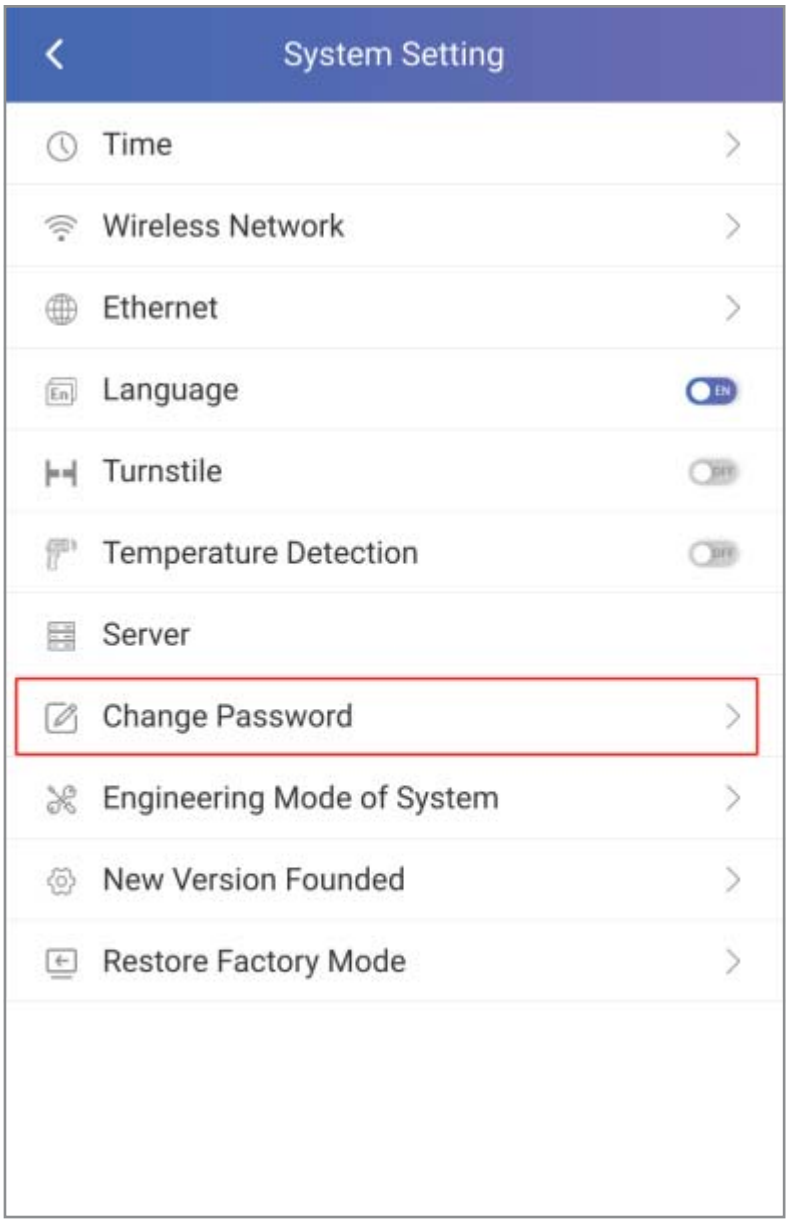
(Pic. 41)

Notice:

If the device have been registered on Server, device will clear the saved datas once change the server information.

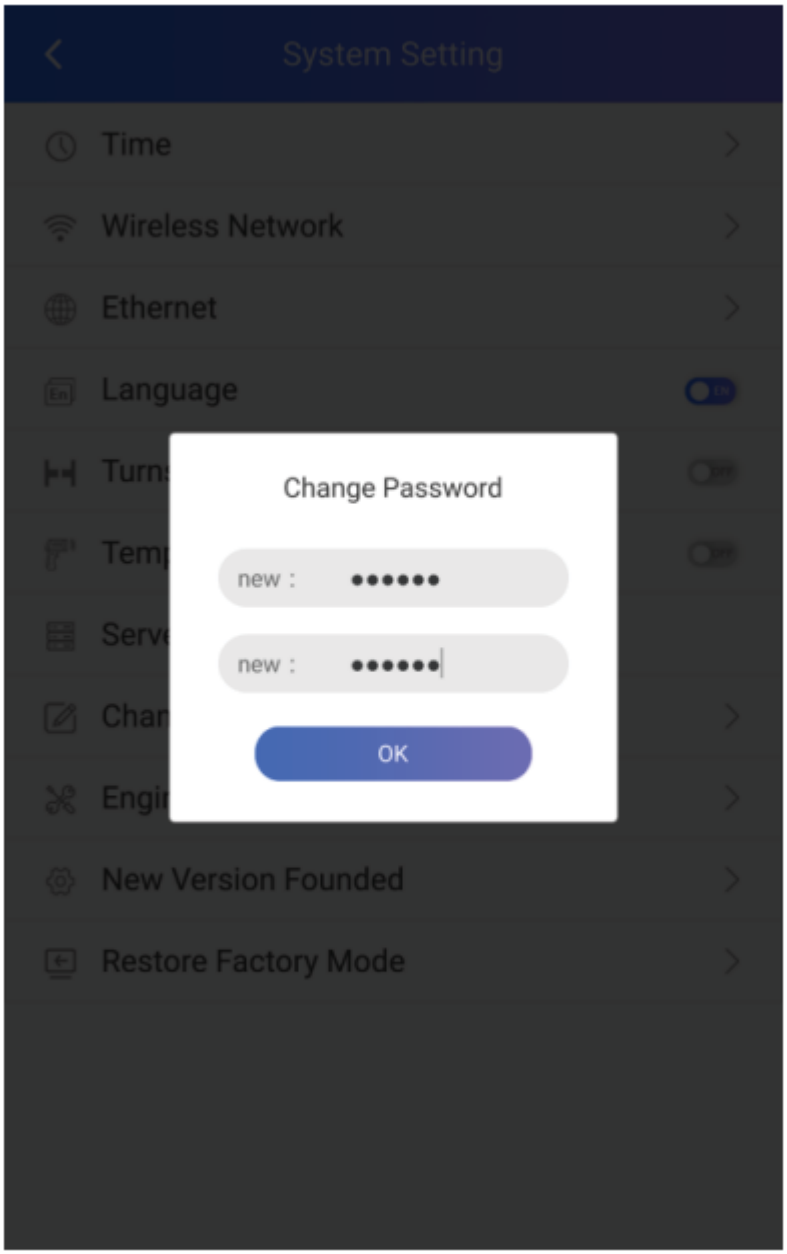
4.2.4.8 Change Password

a)Please touch “Change Password”. (Pic. 42)



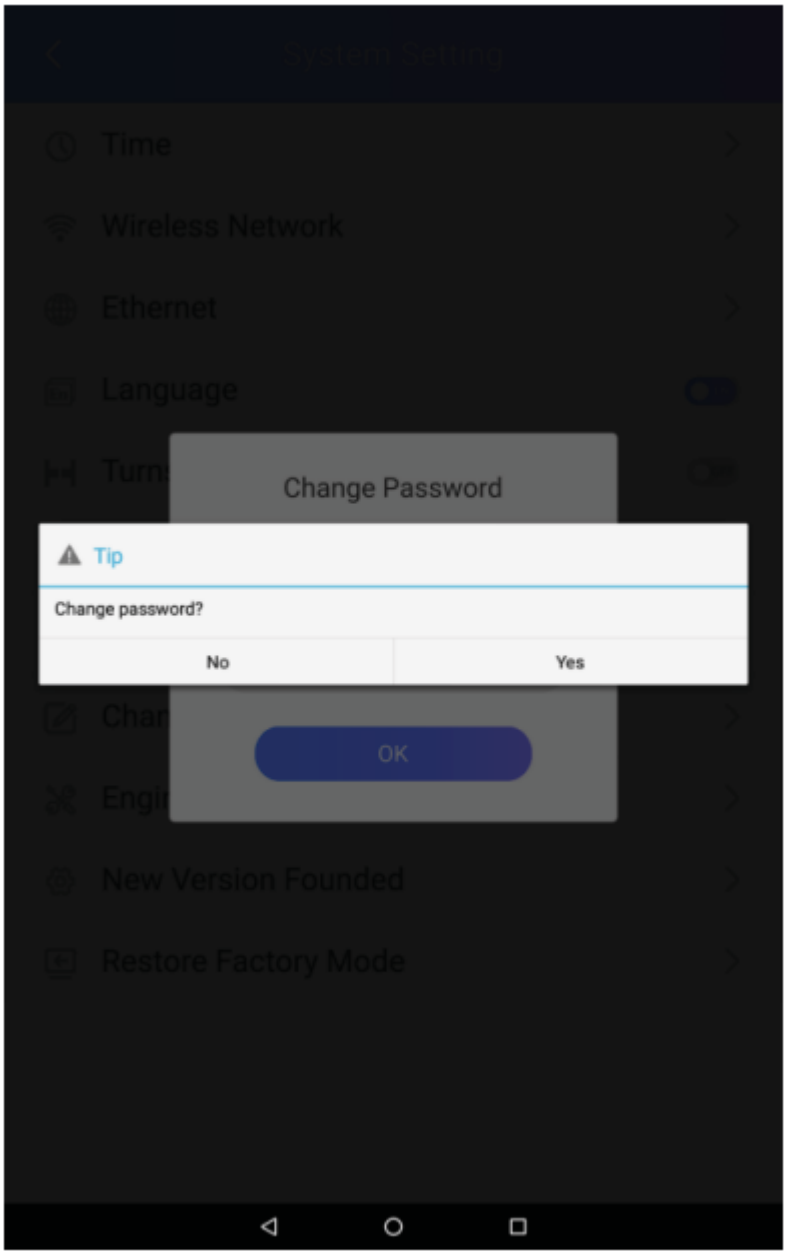
(Pic. 42)

b) Please input the same password twice. (Pic. 43)



(Pic. 43)

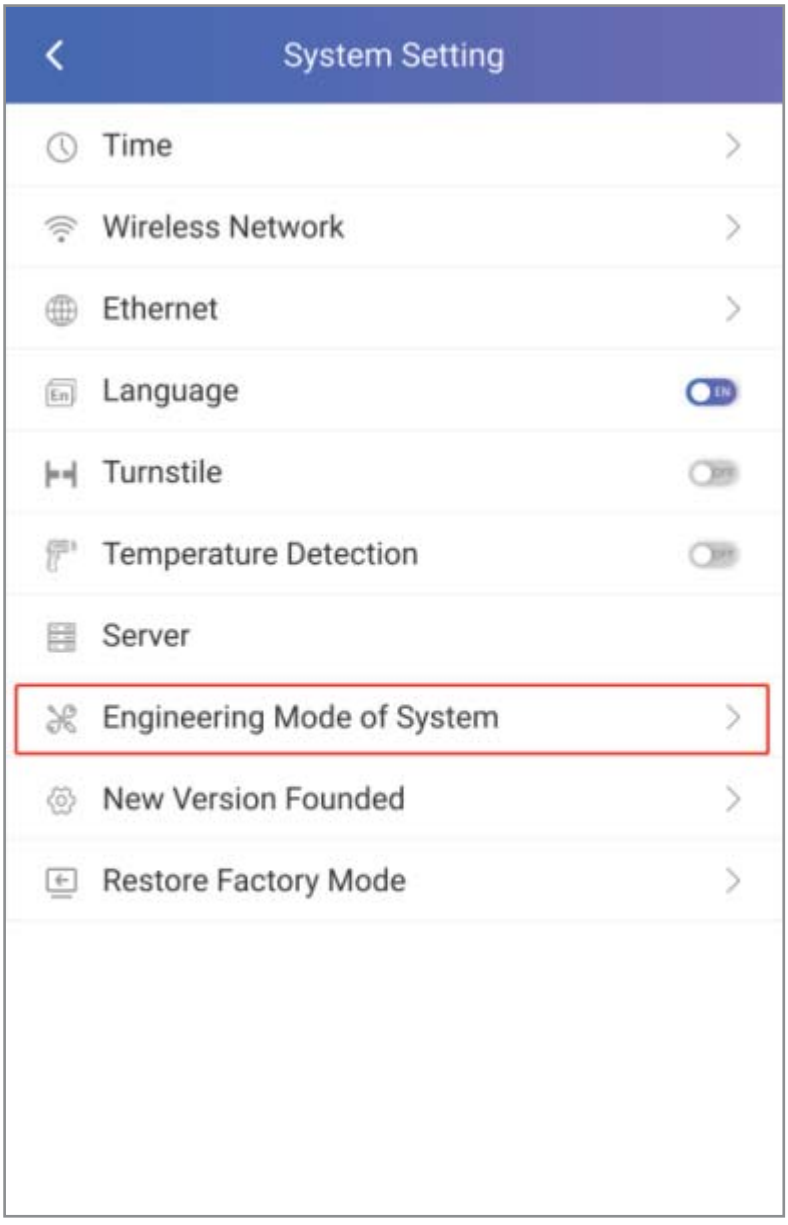
c)Please touch “Yes” to change the password. (Pic. 44)



(Pic. 44)

4.2.4.9 Engineering Mode of System

a)Please touch “Engineering Mode of System”, device will enter System engineering interface. (Pic. 45)



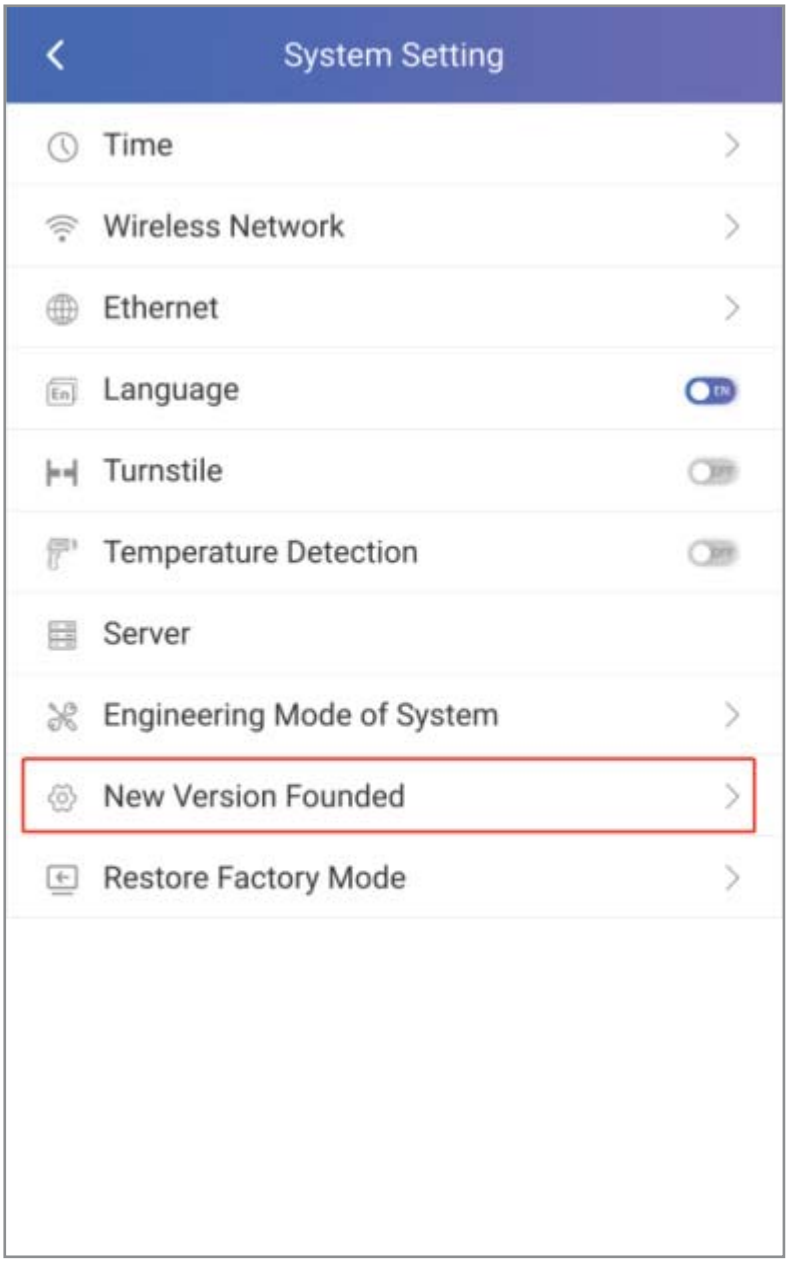
(Pic. 45)

Notice:

The engineering mode of system is used by maintenance staff.

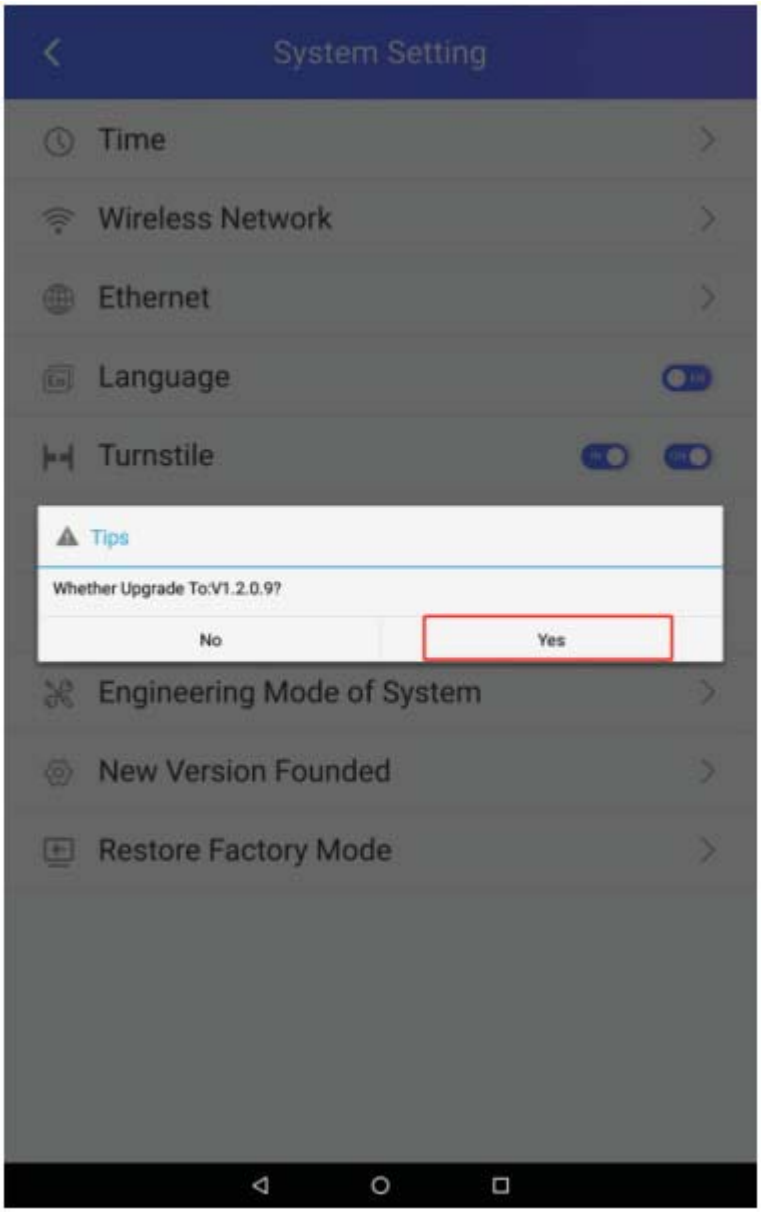
4.2.4.10 System Upgrade

a)Please touch “New Version Founded”, device will check whether there is a new version to upgrade. (Pic. 46)



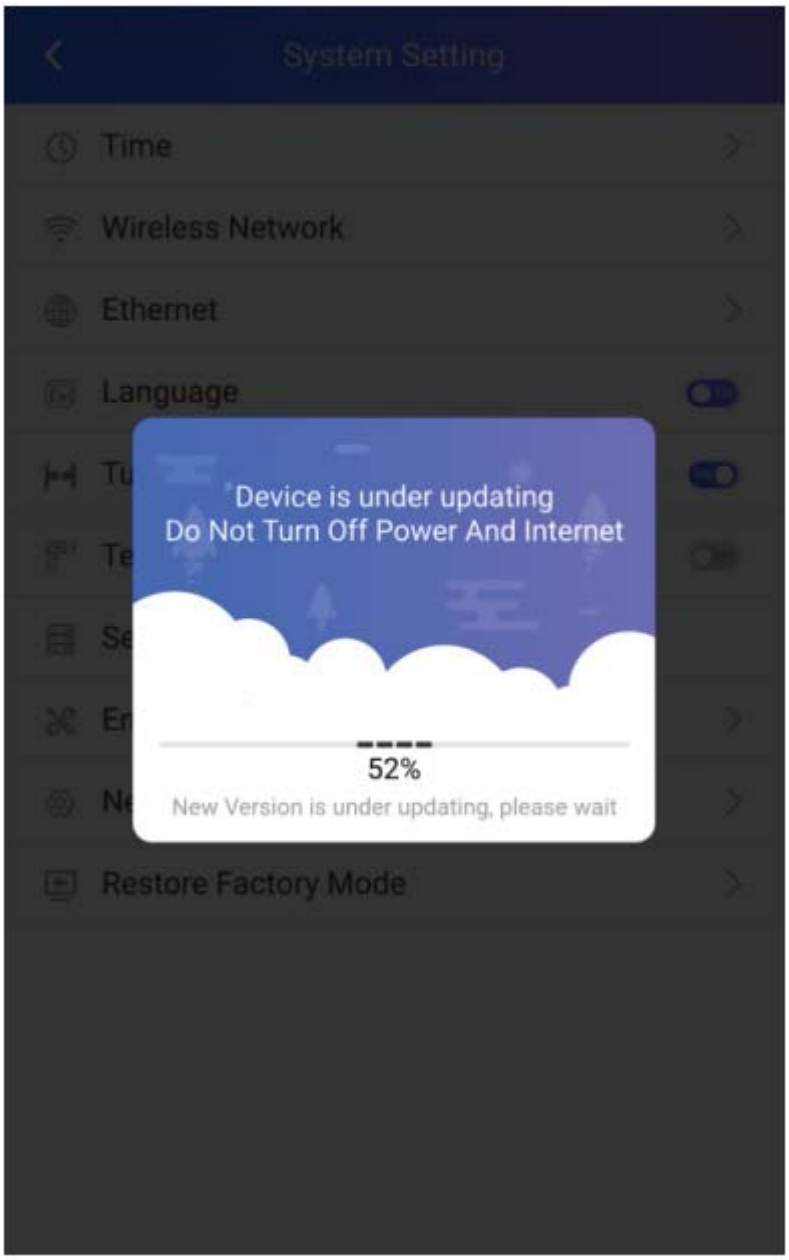
(Pic. 46)

b)If there is a new version, please touch “Yes”. (Pic. 47)



(Pic. 47)

c)Device enters upgrading mode. (Pic. 48)



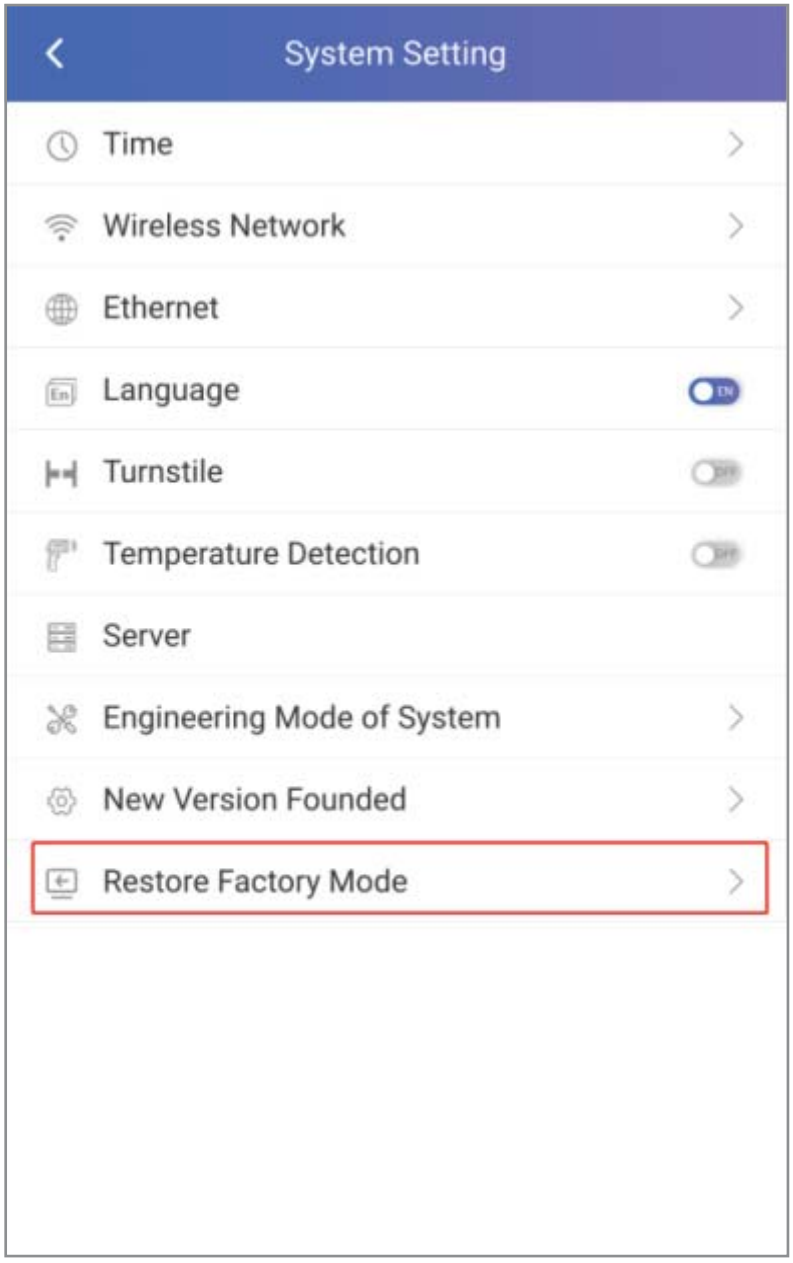
(Pic. 48)

Notice:

During the upgrade, please do not turn off the power and network.

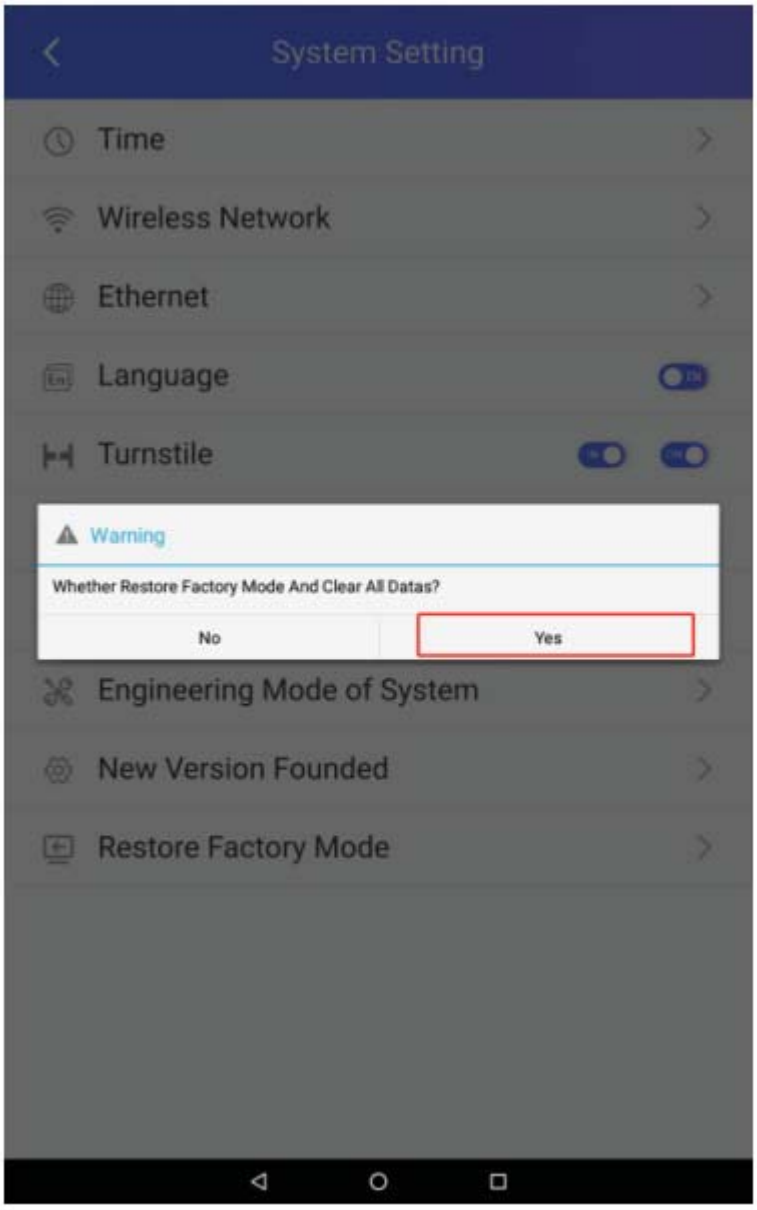
4.2.4.11 Restore Factory Setting

a)Please touch “Restore Factory Mode”. (Pic. 49)



(Pic. 49)

b)Touch “Yes” button, device will clear the local data and unbound server. (Pic. 50)



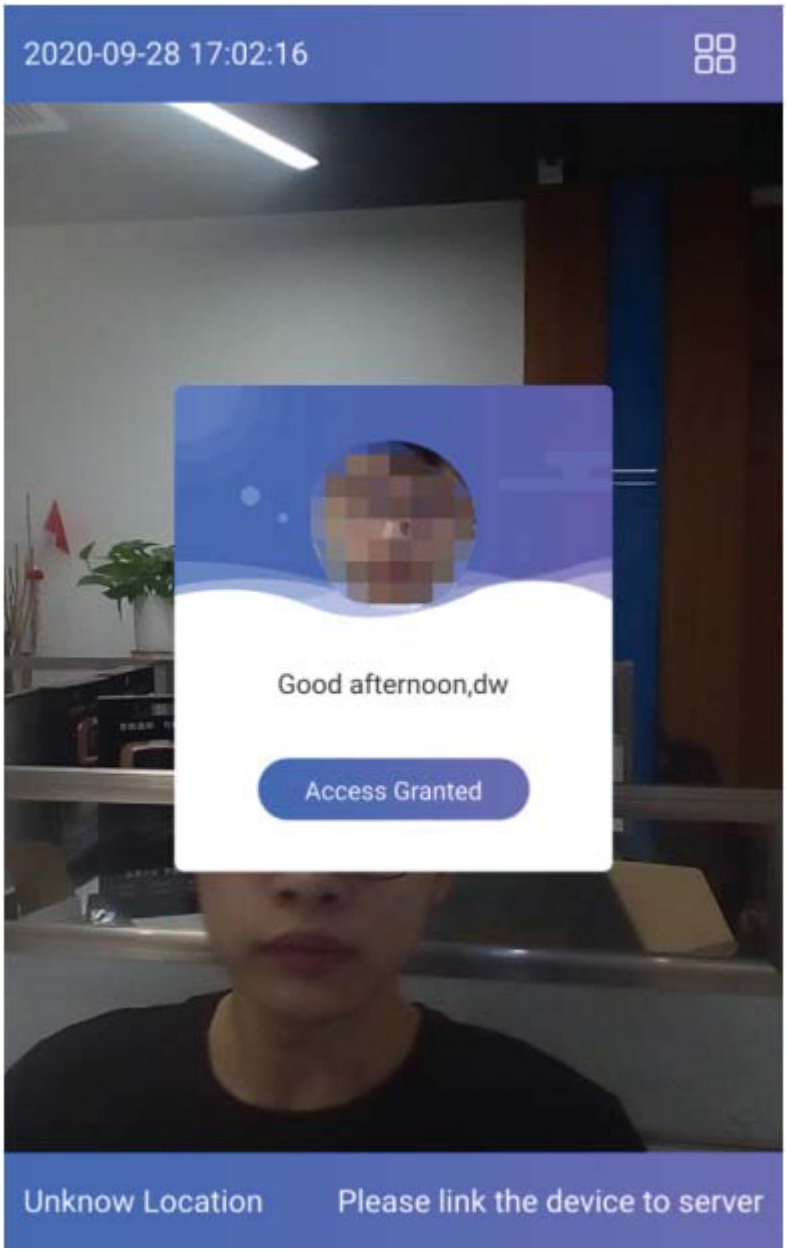
(Pic. 50)

4.3 Face recognition

a)In the Standby interface, the face is facing the camera, and a recognition box will appear around the face. (Pic. 51)

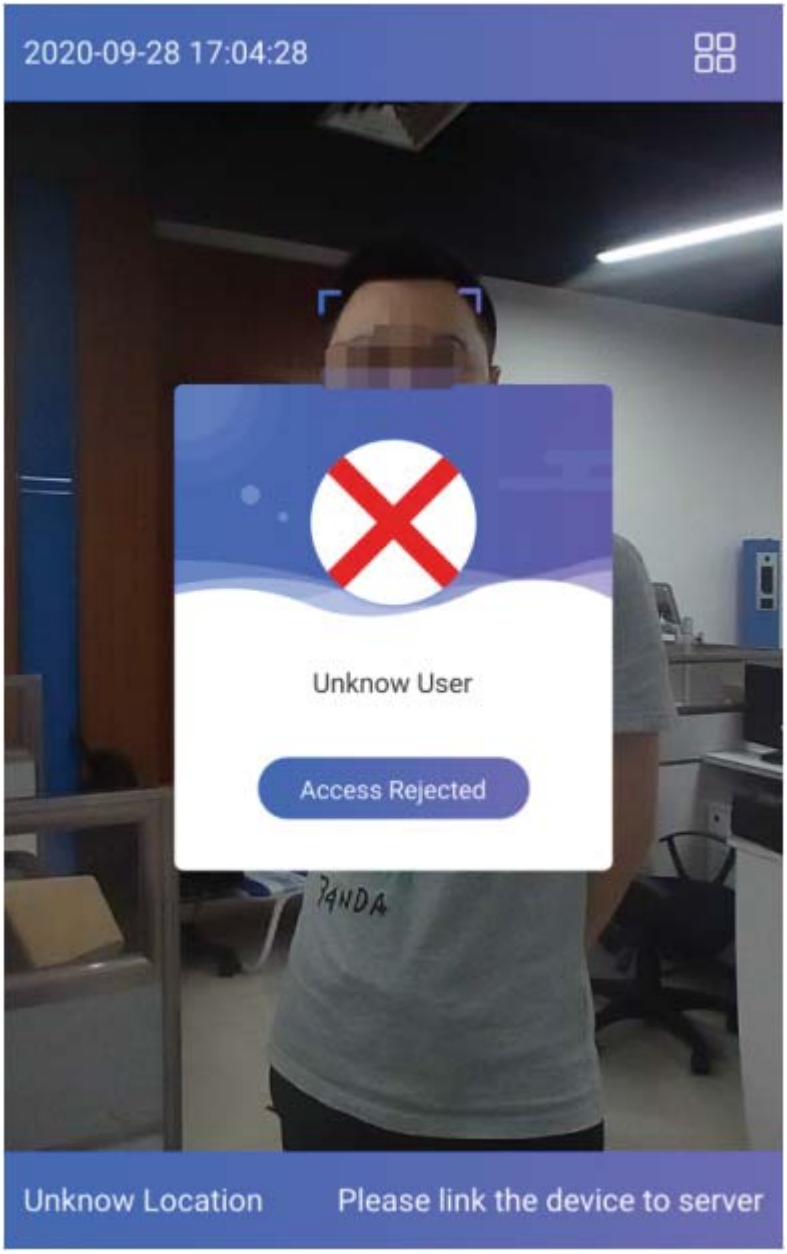
(Pic. 51)

b)If the user was registered, device will verify successfully. (Pic.52)



(Pic.52)

c)If the user was not registered, device will display “Unkown User”. (Pic. 53)



(Pic. 53)

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Touchless Pass Through Makes Access More Convenience and Hygiene

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Fax : 0086-755-33581529

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Warning：

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20Cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter