# SMART LOCK

Fully automatic instruction manual

## Ⅰ、Product Advantages and Features

- This solution is specifically designed for product positioning of high-end brand customers
- Can match face, fingerprint, card and password, finger vein and other door opening methods
- Unified software version for face/cat-eye styles to facilitate customer production and inventory management
- Support swipe card to upgrade software firmware version
- Equipped with advanced production test mode to prevent leakage and misdiagnosis. Suitable for full automation testing. Anti-hijacking users can be added individually to enhance user security experience.
- Power-on startup self-test function
- All components are made of international famous brand products with stable and reliable quality.
- Door lock modules are waterproof, moisture-proof and mold-proof.
- Door lock modules are tested for high and low temperatures, vibration and aging to adapt to harsh environments.

## Ⅱ、Technical Parameters

| | |
|---|---|
| **Power supply** | 7.4V lithium battery |
| **Typical Quiet Current** | 〈100 microampere（Battery life can exceed one year） |
| **Alarm Voltage** | 7.0V ± 0.1 |
| **Working current** | 〈 4A（Strong driving ability） |
| **Number of door keys** | <=300 groups；6 administrator groups and 94 regular user groups dynam ically allocated |
| **Password length** | 6th to 10th place |
| **Resolution：** | 500DPI |
| **False rejection rate：** | ≤0.15% |
| **False recognition rate：** | ≤0.00004% |
| **Operating temperature：** | -20℃～60℃ |

Note: Storage capacity: Total 300, 6 administrator groups, which can be face, finger vein, password, or card (numbered 00-05); 94 ordinary user groups, which can be face, finger vein, password, or card (numbered 06-99 dynamically allocated ); face capacity 100 groups.

## Ⅲ、Features and Operation

### ●Initialization operation

Inside the door, there is a reset hole in the middle of the one-touch door lock button. Use a pin to press the RESET button inside the reset hole for 5 seconds. The front lock display will show “ Restore factory settings. ” Press the # button on the front lock to confirm.

### ●Enter menu

∗initial state

Wake-up front panel，Press the “ *+# ” keys to enter the settings menu.

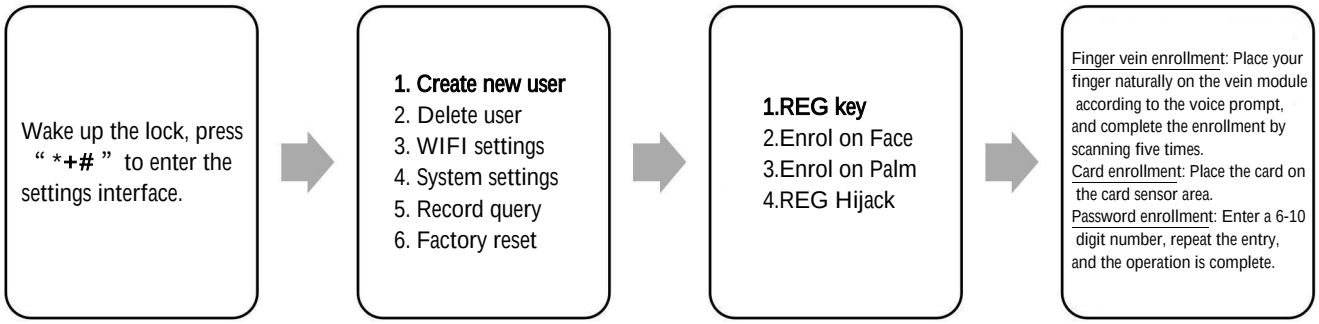
∗Non-initial state

Lock before wake-up, press “ *+# ” and follow the voice prompts to enter administrator information for verification, then enter the menu.

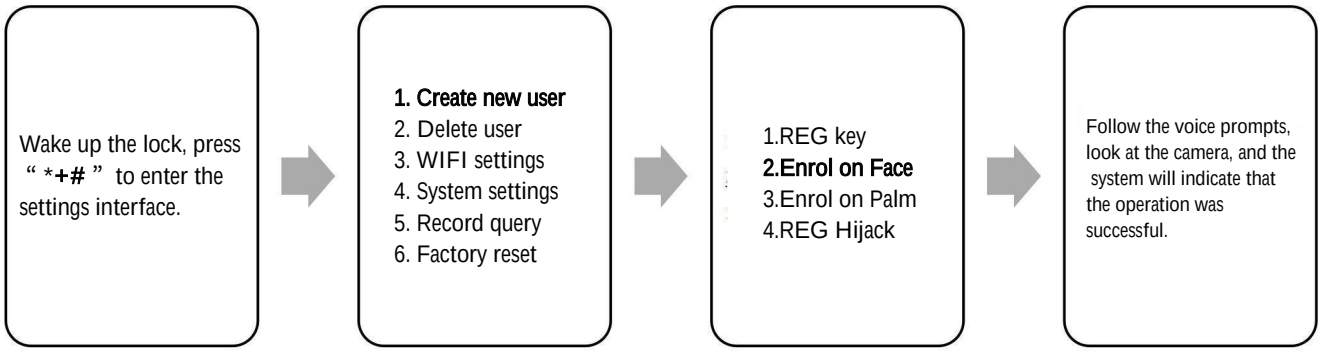
Note: Press the * key to exit or return, and press the # key to confirm.

# 1. Create new user

## 1.1 Registered administrator



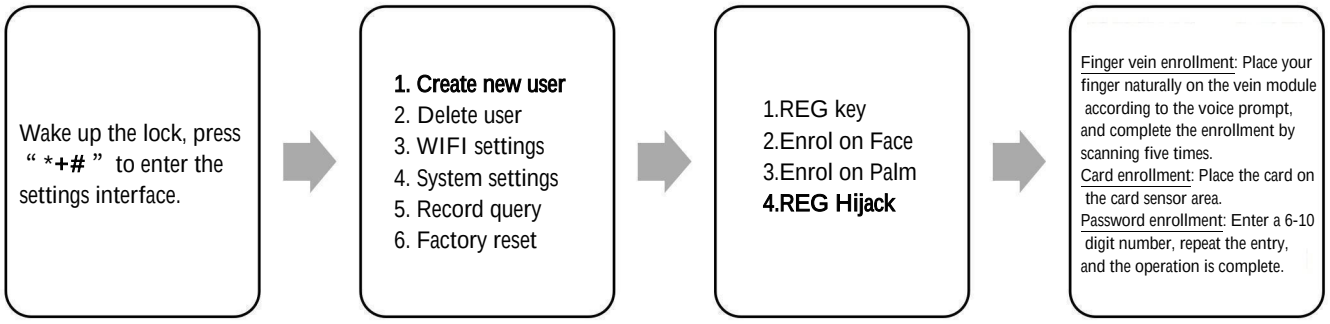

## 1.1.2 Registered administrator (Pro)




## 1.2 Ordinary user entry

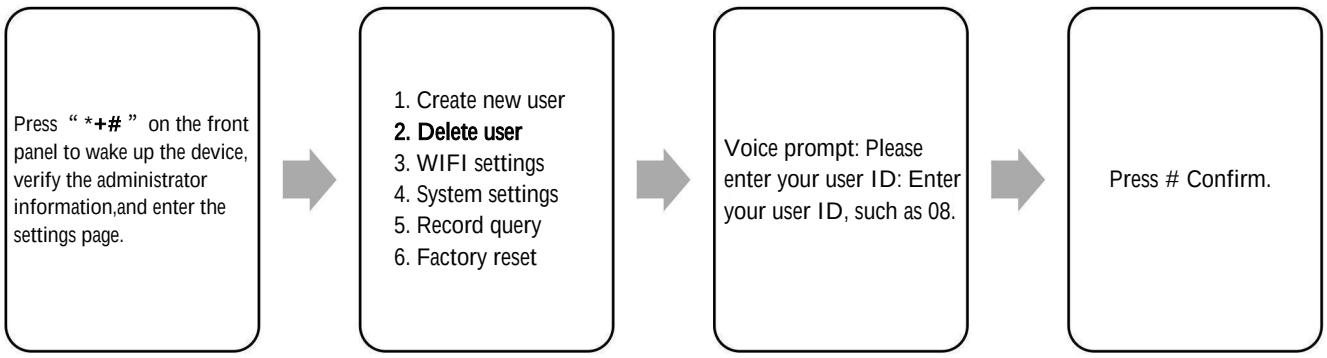
●Please refer to the administrator entry method,( The default administrator ID for the first entry in the 00 system is 00-05 , and the default user IDs for regular users are 06-99.)

## 1.3 Register anti-hijacking



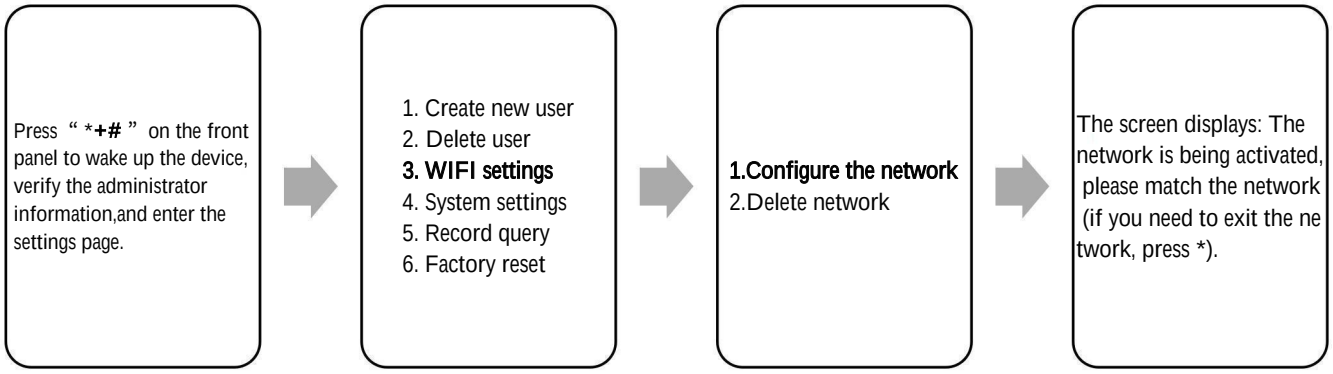

# 2. Delete user

## 2.1 Delete ordinary users

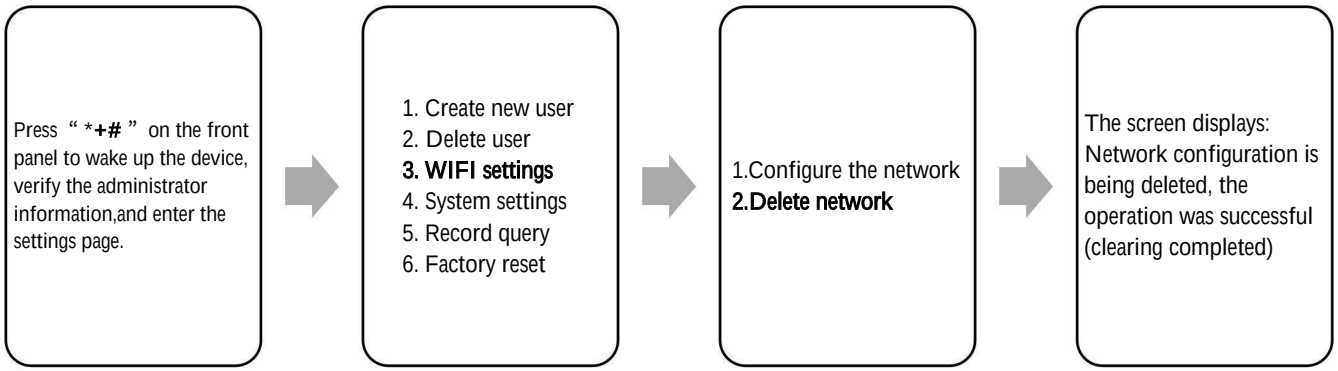


## 3 Network settings

### 3.1 Configure network

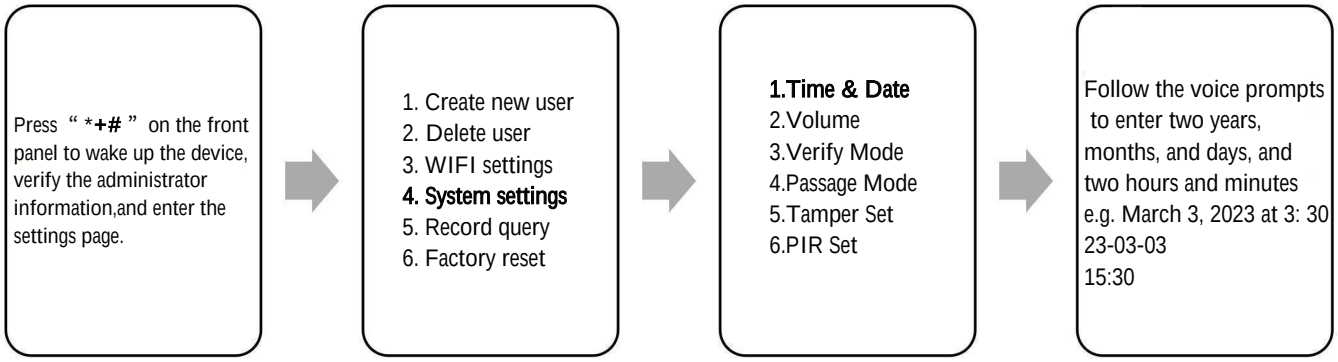



### 3.2 Delete Network



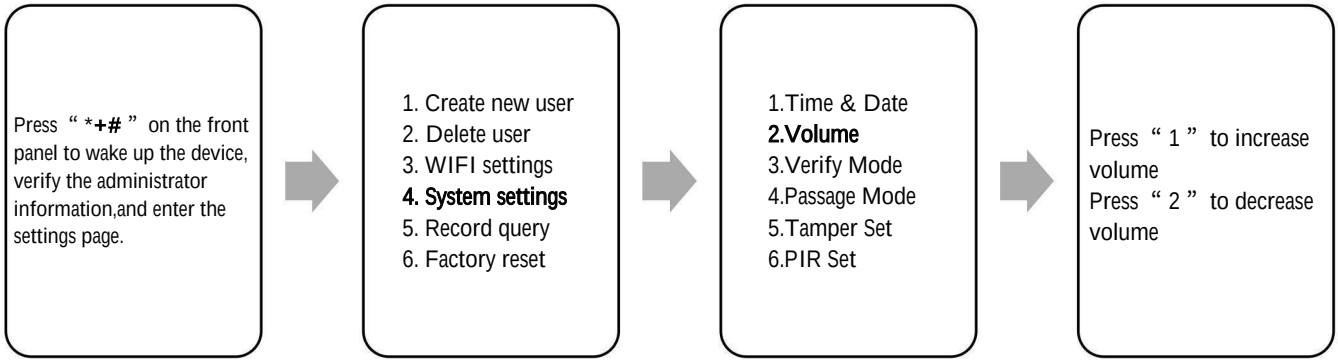

## 4 System settings

### 4.1 Time setting




●Note: The time setting must be on a 24-hour basis.

### 4.2 Volume adjustment



## 4.3 Language Settings

| Enter the following key to switch languages | |
|---|---|
| 1111# Chinese | 1121# Kazakh |
| 1112# English | 1122# Uzbek |
| 1113# Indonesian | 1123# Kyrgyz |
| 1114# Russian | 1124# Hebrew |
| 1115# Vietnamese | 1125# Japanese |
| 1116# Arabic | 1126# Korean |
| 1117# Spanish | 1127# French |
| 1118# Portuguese | 1128# German |
| 1119# Thai | 1129# Malaysian |
| 1120# Turkish | |



Verify the administrator information



When the verification is finished, the language change is successful

Chinese and English versions: “*+#” to enter the system, press 4 System Settings, then press 3 Language Settings (1 Chinese; 2 English)

## 4.4 Verification mode

Press “*+#” on the front panel to wake up the device, verify the administrator information,and enter the settings page.



1. Create new user
2. Delete user
3. WIFI settings
**4. System settings**
5. Record query
6. Factory reset



1.Time & Date
2.Volume
**3.Verify Mode**
4.Passage Mode
5.Tamper Set
6.PIR Set



1. Single verification mode: any registration key can be verified to open the door.
2.Dual verification mode: (need two kinds of registration key) combination of verification can unlock the door
such as: face + passwords

## 4.5 Normally open mode

Press “*+#” on the front panel to wake up the device, verify the administrator information,and enter the settings page.



1. Create new user
2. Delete user
3. WIFI settings
**4. System settings**
5. Record query
6. Factory reset



1.Time & Date
2.Volume
3.Verify Mode
**4.Passage Mode**
5.Tamper Set
6.PIR Set



Press “1” to open normally open mode
Press “2” to close normally open mode

●Note: When the normally open mode is turned on, the motor automatically retracts all the locking tongues, (excluding the safety pin) any registered key opens or closes the lock for 1 time, the system automatically closes the normally open mode.

## 4.6 Anti-prying mode

Press “*+#” on the front panel to wake up the device, verify the administrator information,and enter the settings page.



1. Create new user
2. Delete user
3. WIFI settings
**4. System settings**
5. Record query
6. Factory reset



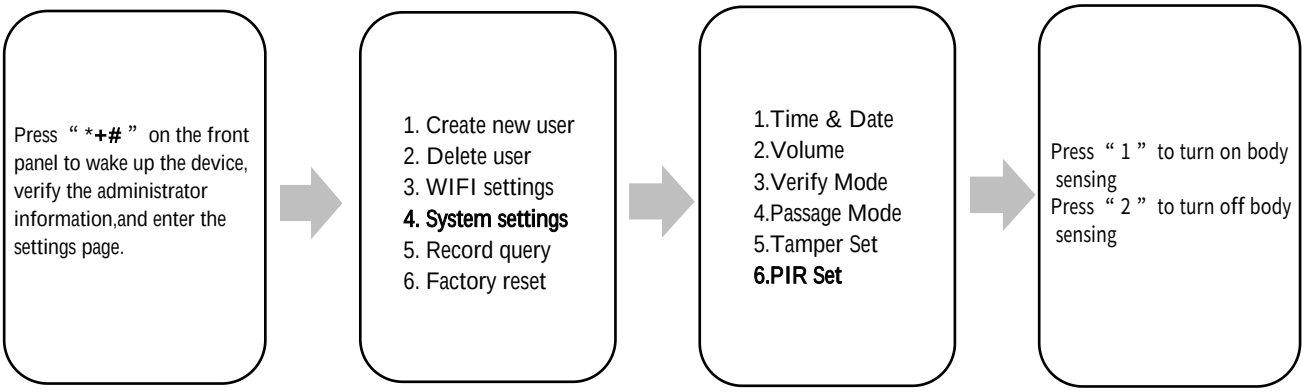
1.Time & Date
2.Volume
3.Verify Mode
4.Passage Mode
**5.Tamper Set**
6.PIR Set



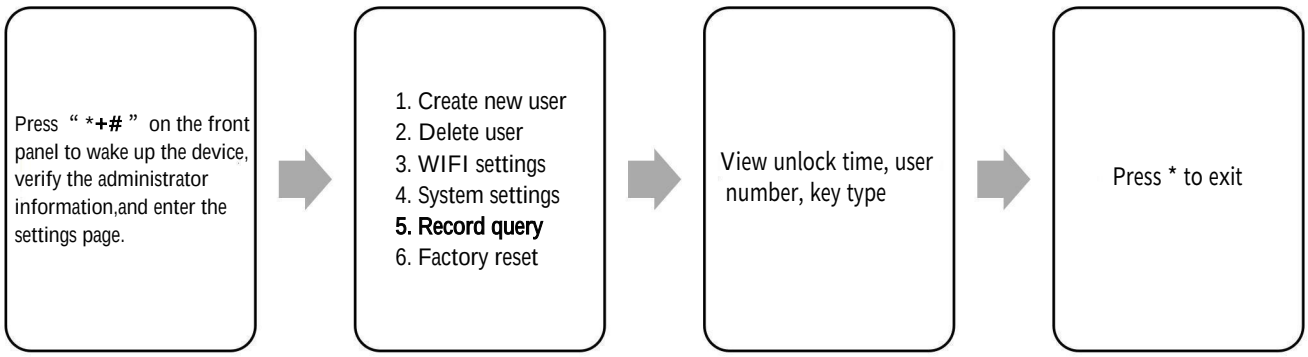
Press “1” to turn on the break-in alarm
Press “2” to turn off the break-in alarm

●Note: Open the anti-prying alarm front panel by external force prying, the system sends out a warning bell, close the anti-prying alarm, the front panel by external force prying, the system will not send out an alarm bell.

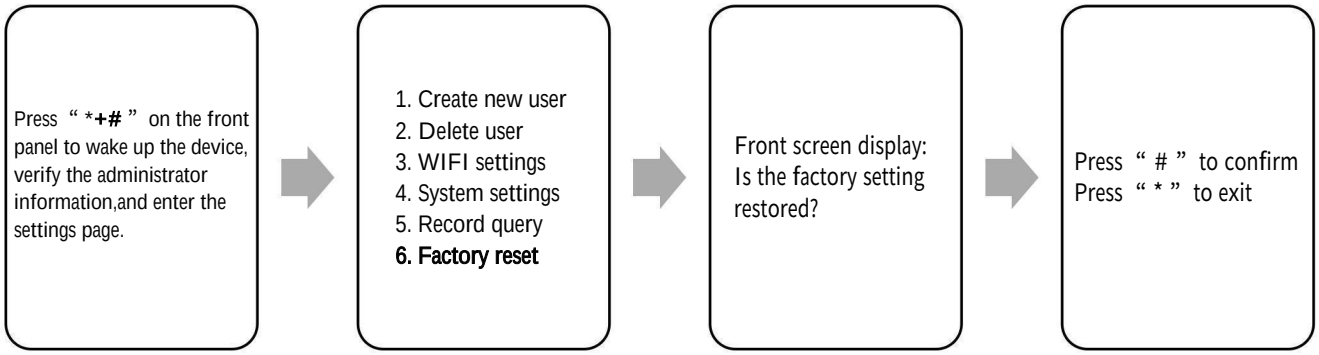
4. 7 Human interaction




## 5. Records search




## 6. Restore the factory

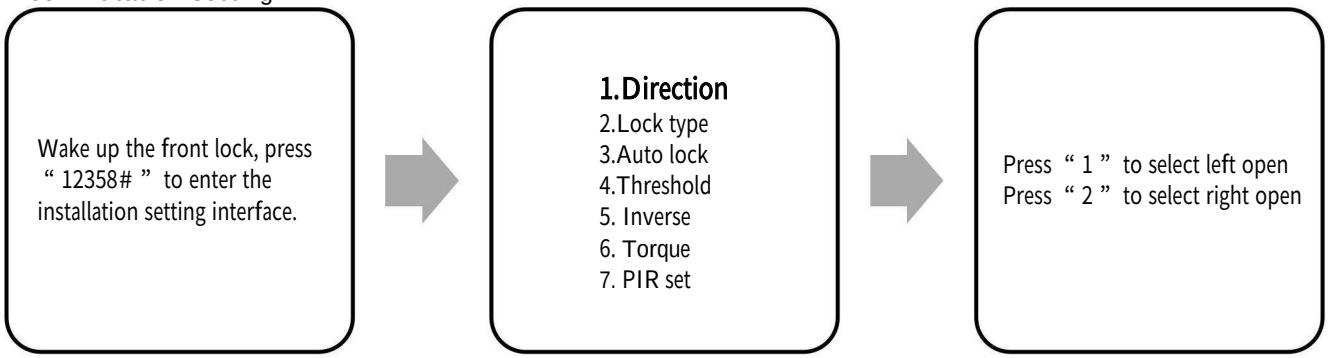



●Note: Press and hold the rear panel unlock button at the same time until the lock beeps, then press # to confirm to restore the factory settings.

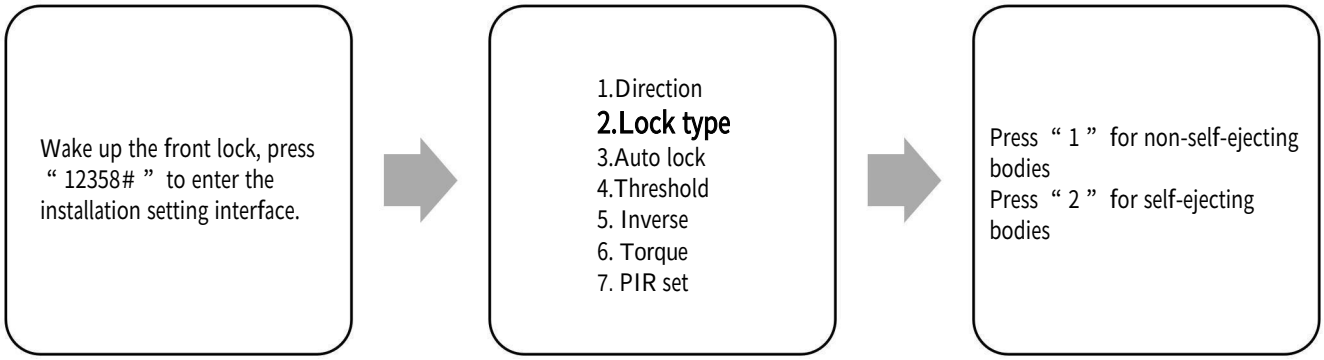
## ●Installation setup

*Wake up the front lock press 12358# to enter the installation setup page, (e.g.: registered administrator, after entering 12358# need to verify the administrator information verification before entering the setup page)

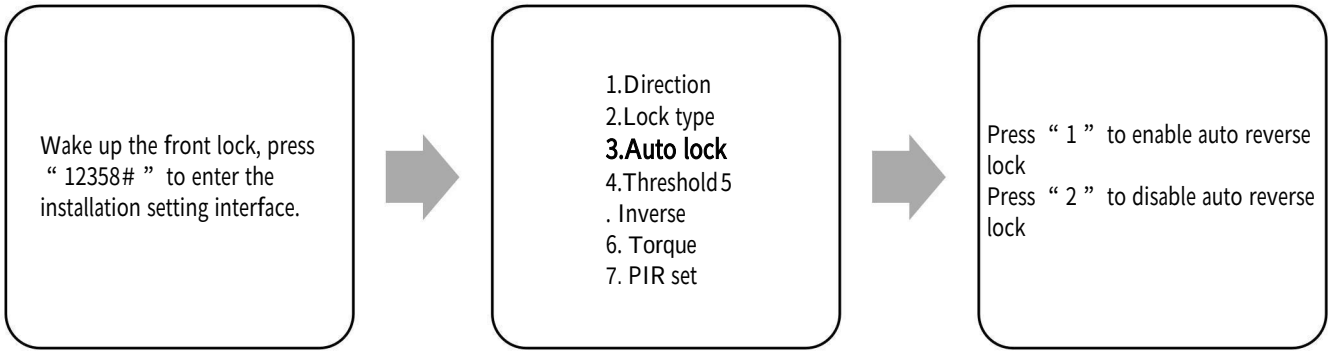
1. commutation setting



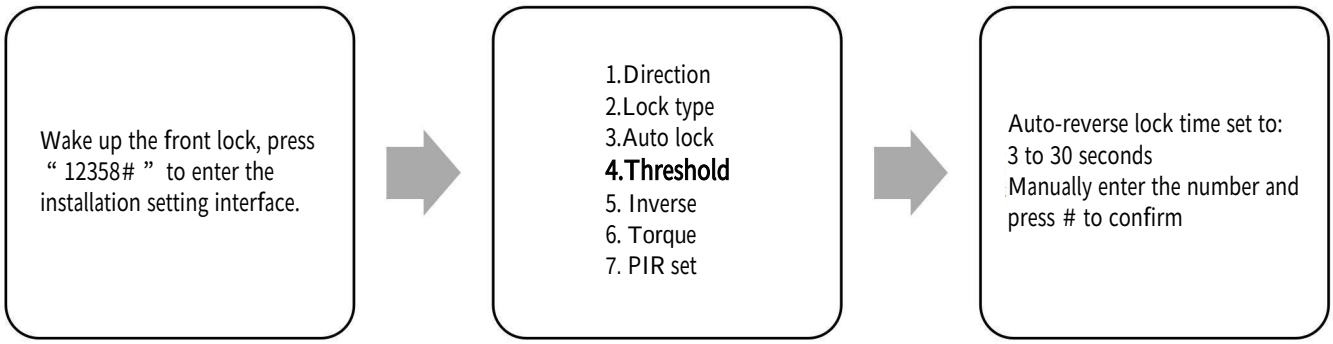
2. Self-ejecting lock body setting



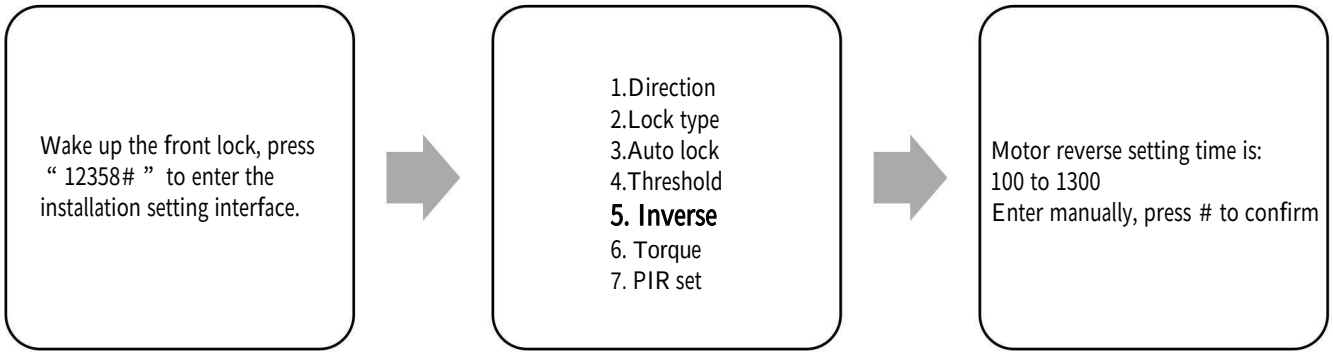

3. Automatic anti-lock switch



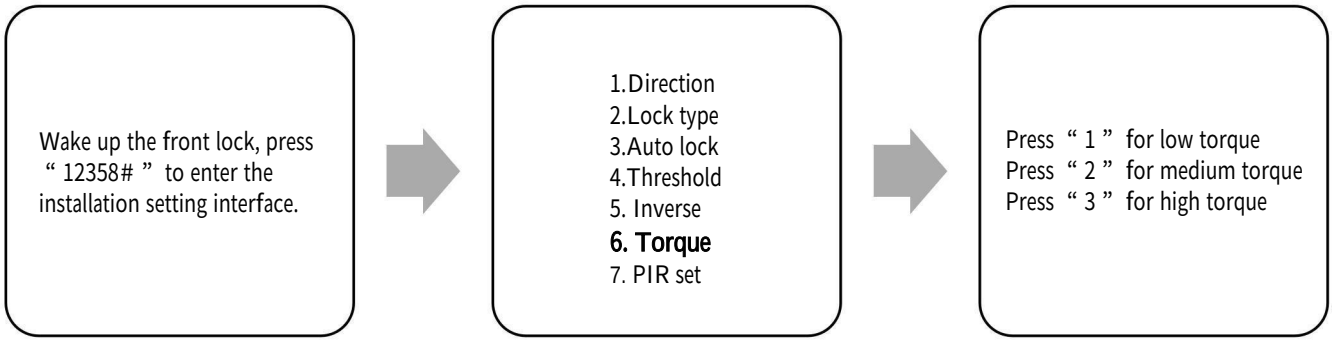

4. Auto-reverse lock time



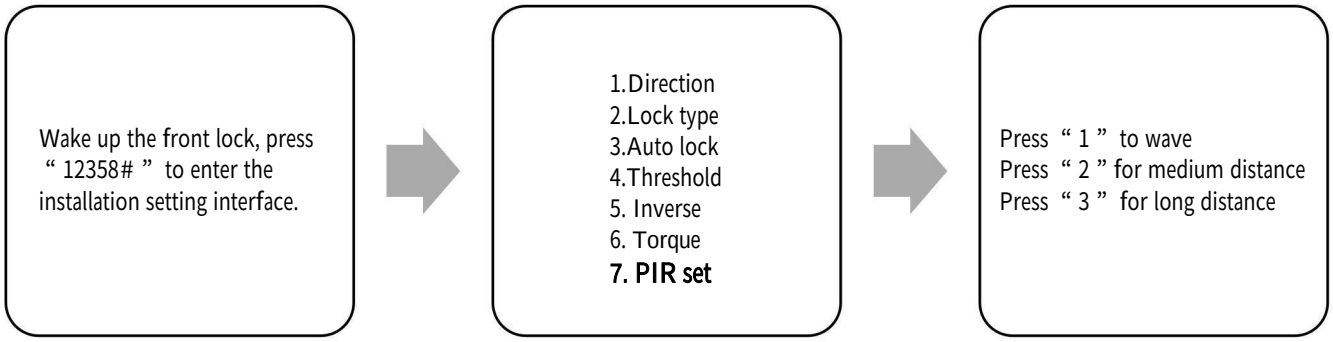

5. Motor reversal time



6. Torque setting

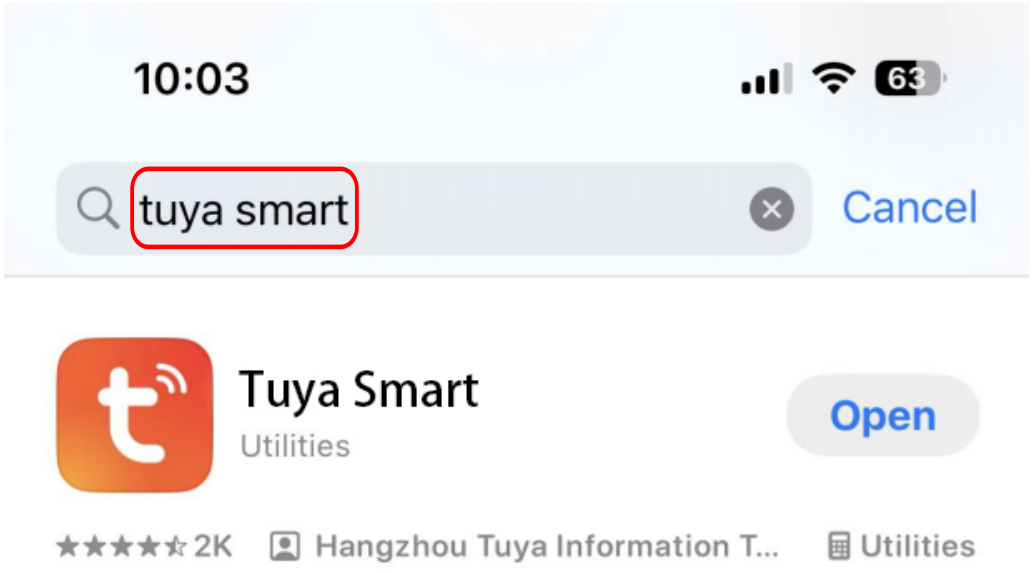



7. human interaction

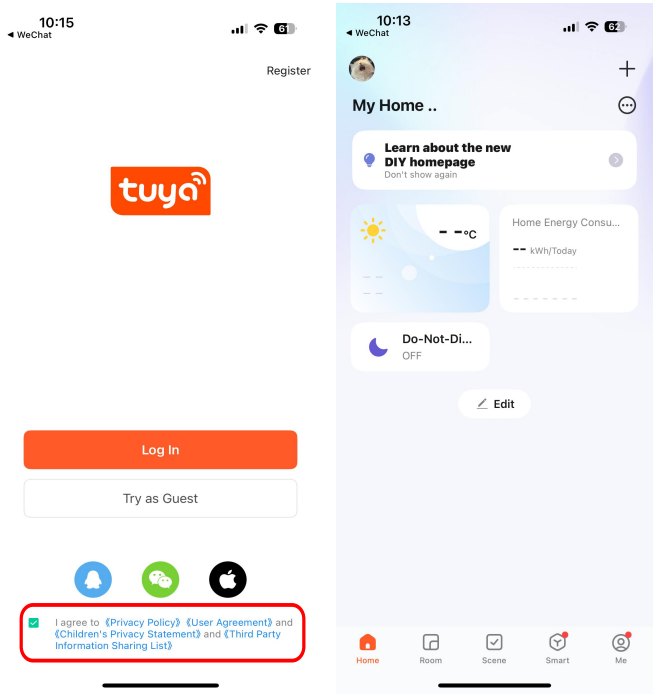



## Ⅳ. Tuya APP operating instructions

1. Download Tuya APP  Search for [Tuya smart] in the app market and download it.

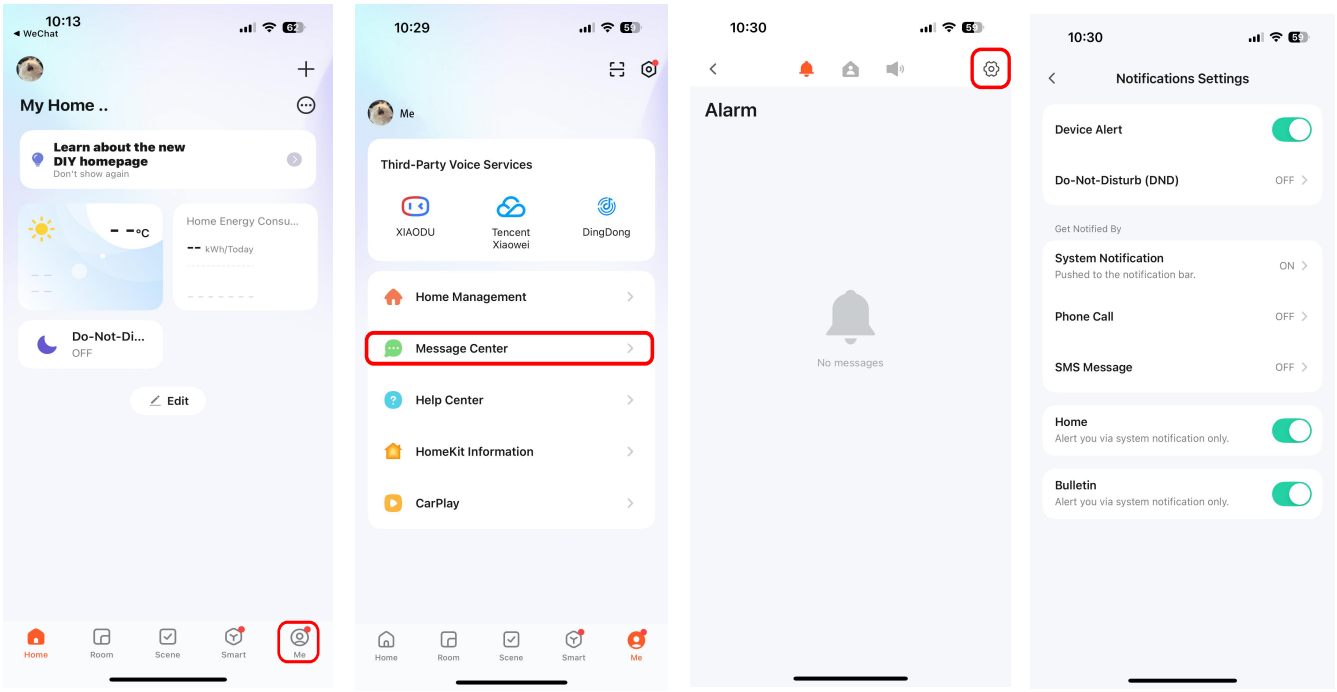


2. Registration and login
Use your cell phone number or other means to log in with one click, after logging in as follows




3. Setting up message alerts

You can set the message push switch by logging in for the first time, and you can set whether different messages are alerted on the APP page [My] - [Message Center] - [Settings Icon] in the upper right corner.




4. Add equipment,distribution network

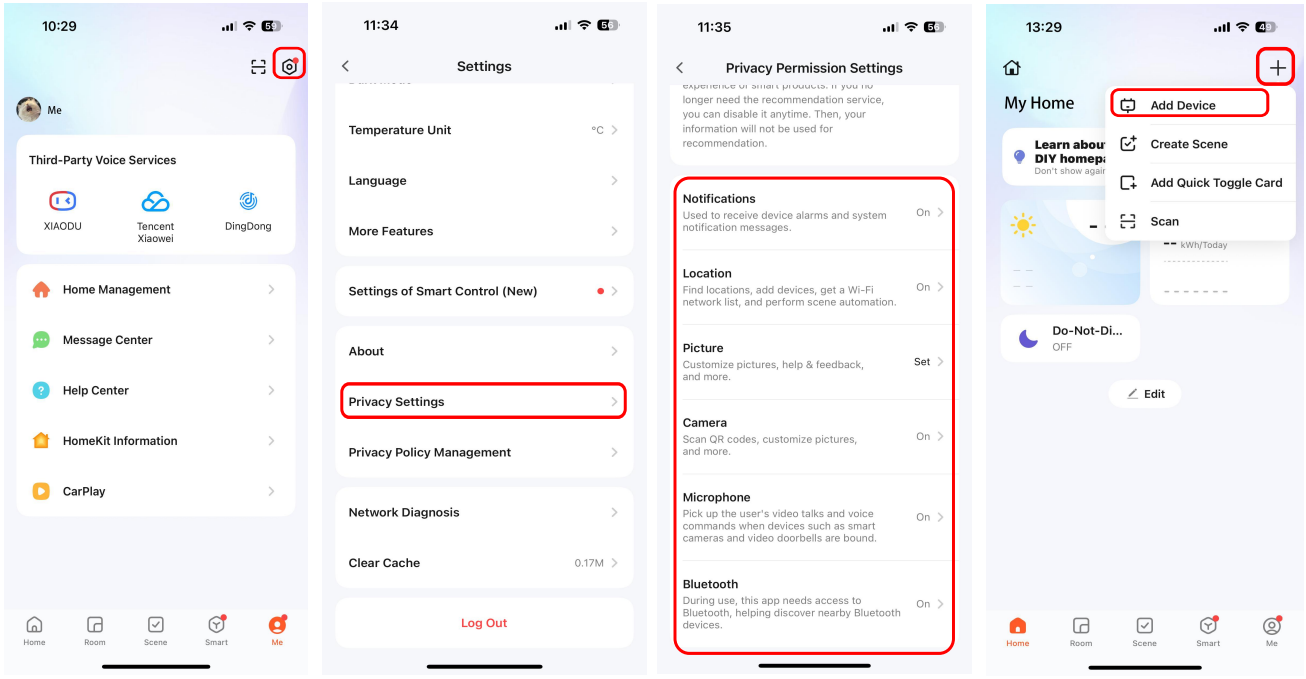
4.1 Bluetooth add device and pairing setup
Step 1: Boot the unit into distribution mode --------- on the door lock and follow the operating instructions for the door lock.

（一）(Operate on the exterior door lock button)

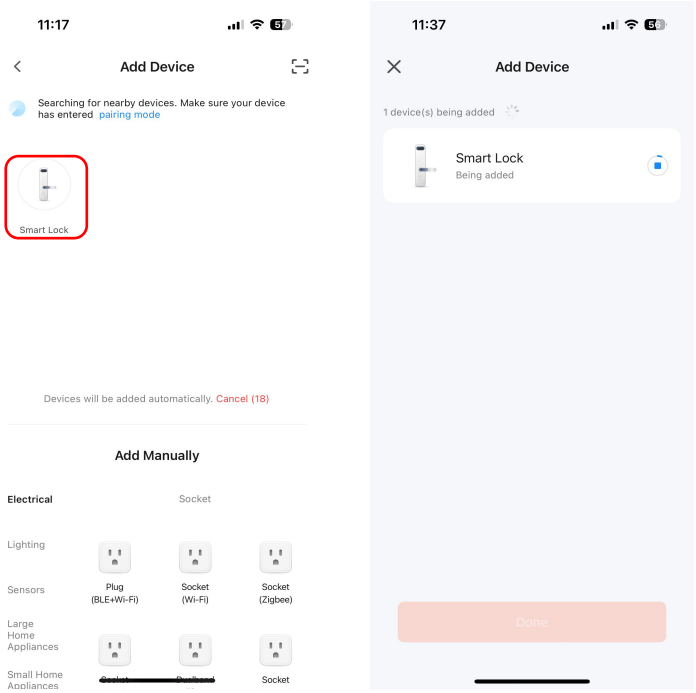
Press * # and authenticate the administrator to enter the door lock management interface, click 3 Networking Settings to enter the distribution mode.

Step 2: Turn on Bluetooth and turn on Discover Surrounding Devices permission, then open the Doodle Smart App and launch Add Device.

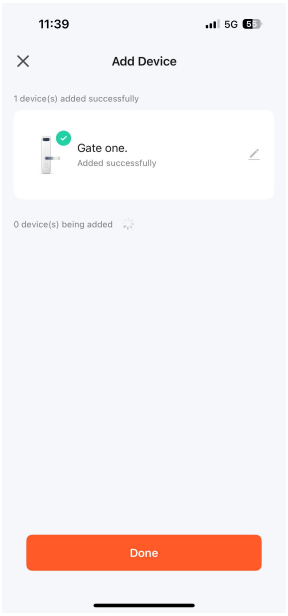
**Click [Add Device with + sign in the upper right corner] to enter the Add Device page into.**

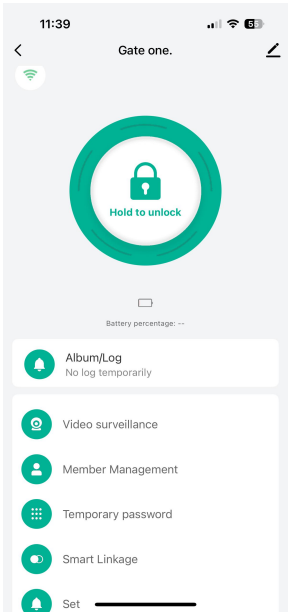



Step 3: Bluetooth distribution network
After the device enters the distribution mode, a Bluetooth device will be found on the APP Add Device page.



Step 4: Set the device name and complete the distribution network

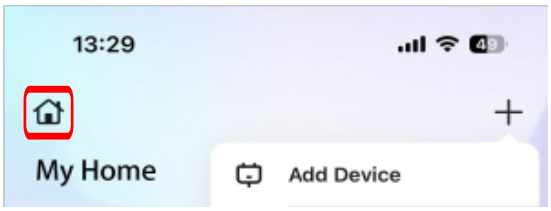


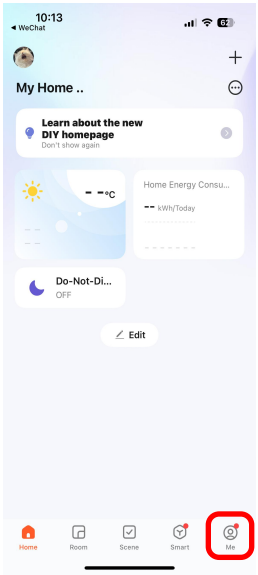

## V. Basic settings

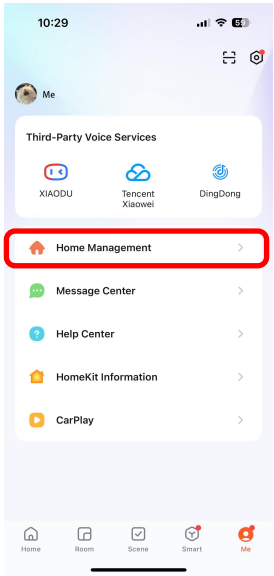
5.1 Equipment sharing to other members of the household.

(1) In the upper left corner of the device list interface, click the family icon to enter into the family management.

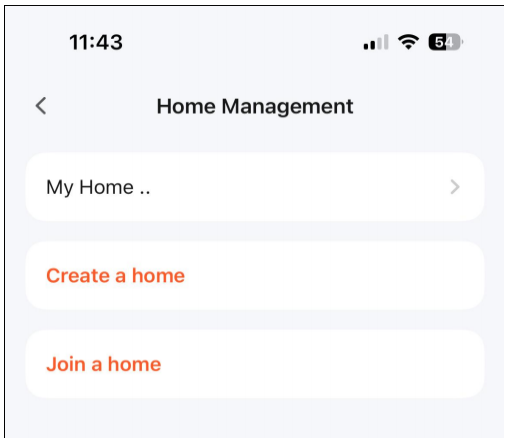



Or

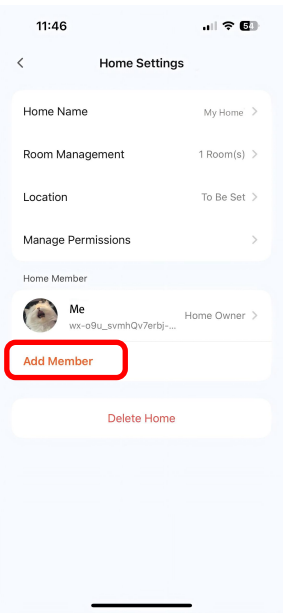


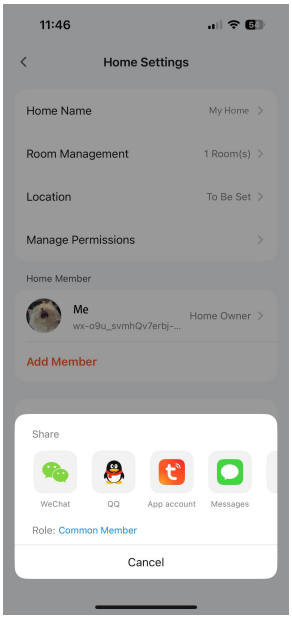



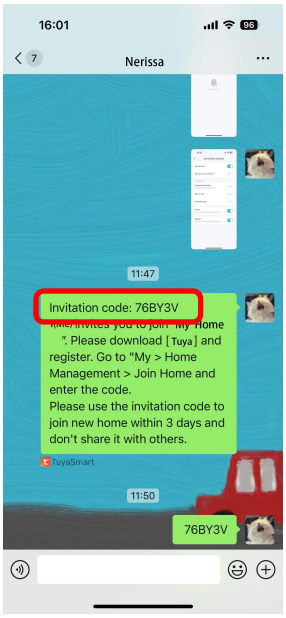

（2）This screen allows you to create a family and join a family.



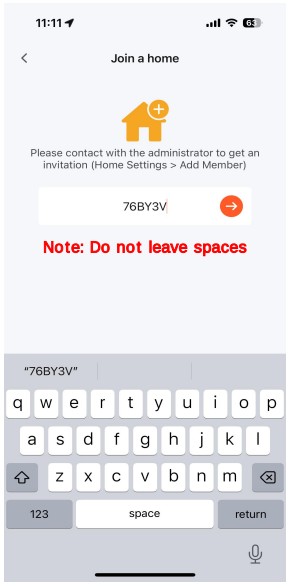
(3) Family management can invite other users to join the family



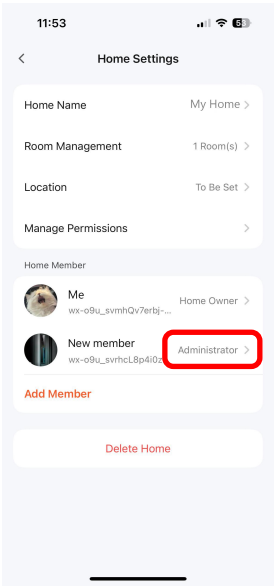




(4) Other users enter the household through an invitation code

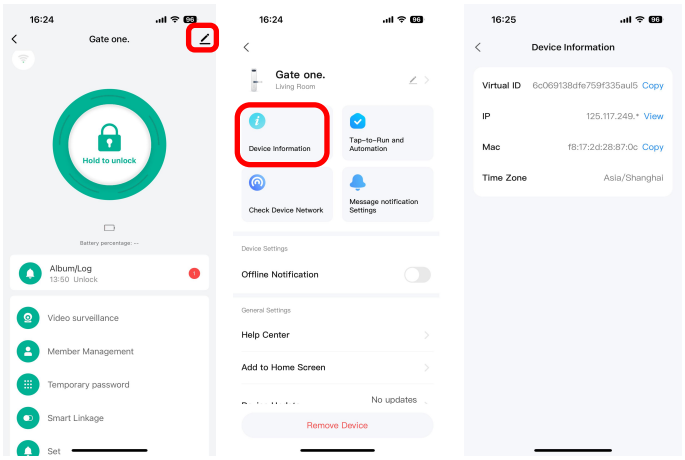



(5) Members can only view in real time if they are set to administrator privileges

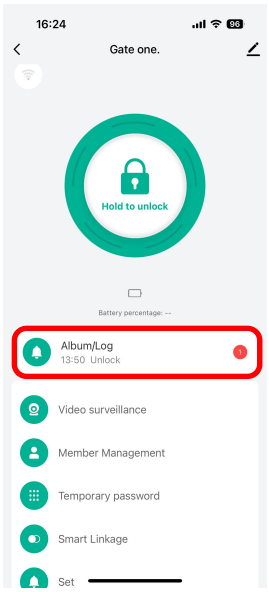


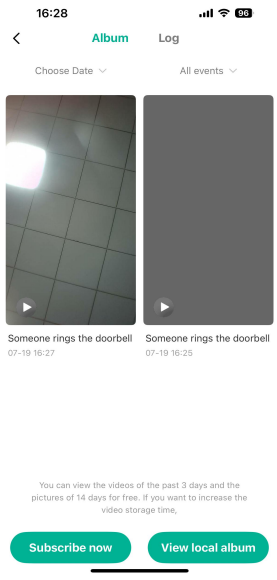

## 5.2 Equipment Information Inquiry

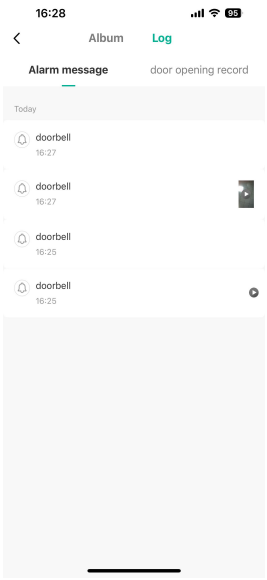
On the added device page, click the details icon in the upper right corner, and then enter to check the details of this device. The information contains: device ID, Mac address, WiFi signal strength and so on.



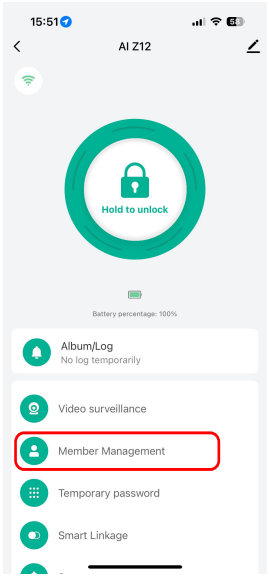
## 5.3 Viewing unlocking records, police pushes and other message pushes

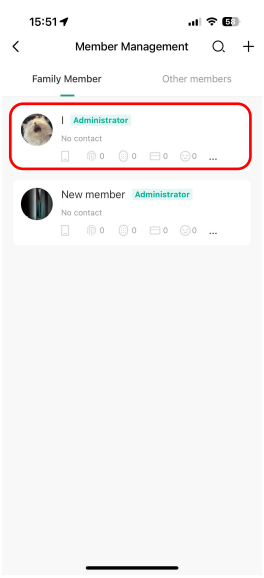


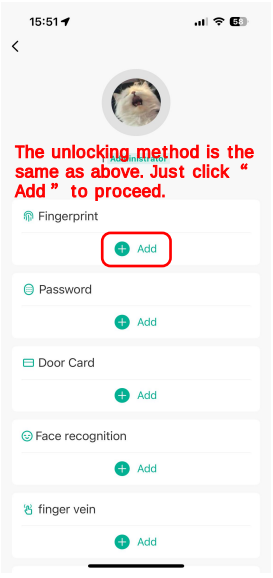



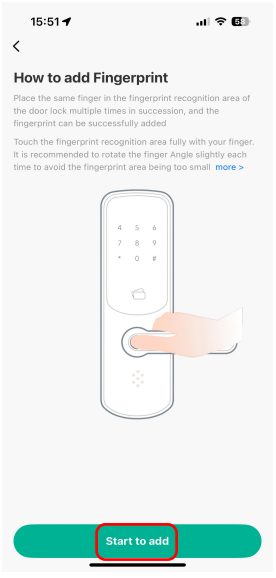



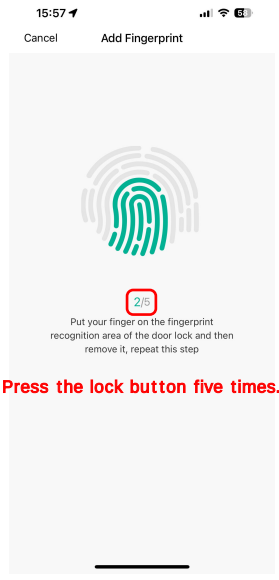

## 5.4 Add unlocking methods on the Tuya app

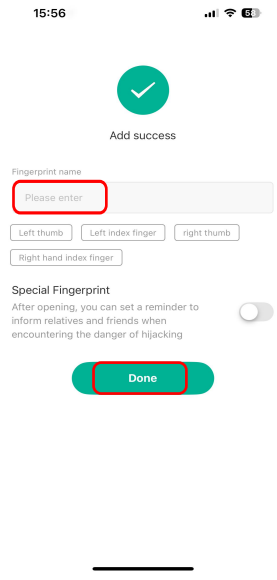


## 六. How to delete all cell phone users

Restore the entire lock to its factory settings or follow its instructions.

1) Series 1 Smart Lock
   Models with display: Wake up lock - Long press “ # ” - Verify administrator - Networking settings - Delete cell phone
   Models without display: Wake up lock Long press “ 8 ” - Verify Administrator - Select “ 2 ” to delete the phone

2) Series 2 Smart Locks
   Wake Up Lock - Tap “ *# ”-Authenticate Administrator-2 General Users-4 Wireless Users-2 Delete Remote Users

3) Series 3 Smart Locks
   Wake Up Locks- Tap “ *# ”-Verify Administrator-Additional Functions-Initialize System

4) Series 4 Smart Lock
   Wake up lock-Tap "01# “ - Verify Administrator - Networking Settings - Wireless Checkout

5) Series 5 Smart Lock
   Wake up lock - Long press ”*"- Verify Administrator -5 Deactivate