



One. Specification parameters

Order	Parameter	Specification parameters
one	Comparison mode	1: N
two	Collection head type	Self learning capacitive press fingerprint head
three	Acquisition head resolution	508dpi
four	Rejection rate	$<0.1\%$
five	Fake admission rate	$<0.001\%$
six	Fingerprint collection range	$\pm 180^\circ$
seven	Card Type	M1
eight	user capacity	Total capacity of 250 sets: up to 100 fingerprints, up to 100 passwords, up to 50 faces, and up to 100 cards. Administrator ID range 000-009, regular user ID range 010-249
nine	Operation records	Scroll 600 strip
ten	Battery life	Number of door openings greater than or equal 3000 times
eleven	working voltage	7.0V~8.4V, low voltage alarm voltage $6.8 \pm 0.2V$
twelve	Dynamic power consumption	less than or equal 1A (no motor action, no playback sound)
thirteen	Static power consumption	less than or equal 200uA (average power consumption)
fourteen	Verification time	less than or equal 3s, (including the entire process of fingerprint collection, comparison, and unlocking signal output)
fifteen	keyboard type	Touch sensing
sixteen	(OLED display screen	0.96" OLED
seventeen	External emergency power supply for display screen	5V1A Micro USB

eighteen	Antistatic ability	≥8KV (contact) ≥15KV(Non-contact type)
nineteen	storage temperature	— 25°C ~ 80°C
twenty	operation temperature	— 25°C ~ 70°C
twenty-one	ambient humidity	15%RH ~ 93%RH

Two. Setting Description

1.initialization

Long press the settings button for 5 seconds, and the voice will broadcast: "Factory reset, NO(*) YES(#)." Press the # key to confirm, and the system will restart to its initial state.

In the initial state, any face, fingerprint, password, or card can unlock the device. Performing a factory reset operation cannot clear the set door-opening direction or torque parameters.

2.Low battery warning

If the system's battery level is less than 25%, the system will voice prompt "Low power" ,The battery can still be unlocked about 50 times, but please charge it in a timely manner (or replace the battery).

3.External USB emergency power supply

Using USB emergency power supply, it takes approximately 30 seconds to unlock.

4.Illegal user alarm

Failed to unlock after 3 to 5 consecutive inputs, with voice message: 'Illegal user, illegal intrusion, owner notified'. After the 5th broadcast, the system is locked for 90 seconds, during which time no user action is taken. Unlock after 90 seconds.

5.Virtual password

When using a password to unlock, any number can be added before and after the correct password, which can increase the security of the digital password. For example, if the password is "123456", you can enter "426123456745" to unlock.

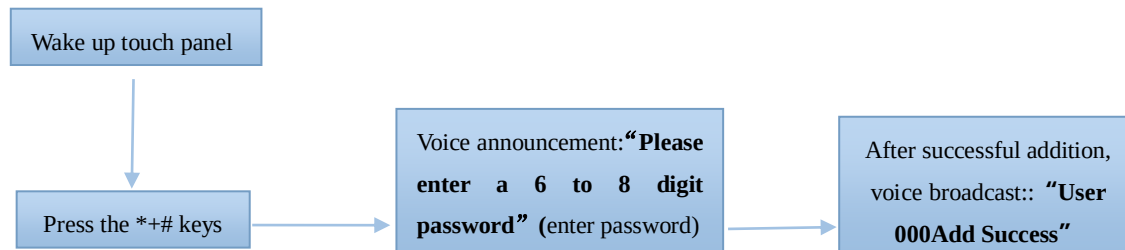
Note: The system can only recognize the first 16 digits

6.version number

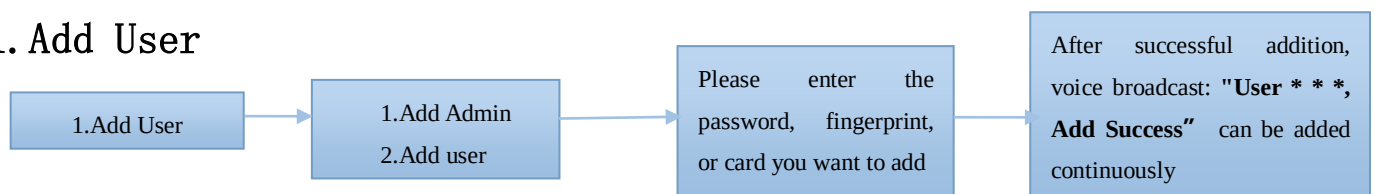
Enter 999 # to read the system version number.

Three. Function and operation

User settings add administrator password for the first time



1. Add User

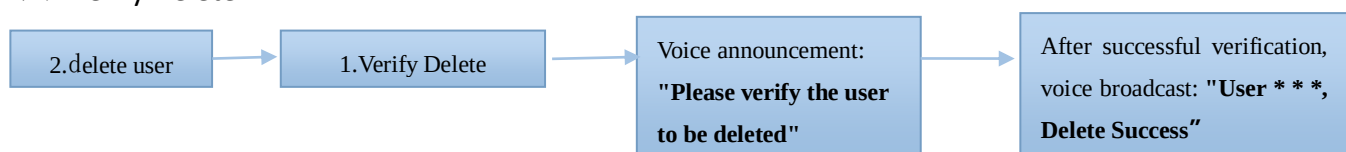


- Face: The voice will say "Enroll face." The user needs to position their face parallel to the camera at a distance of 30-80cm. Follow the voice prompts to complete the continuous face recording.
- Fingerprint: The user places their finger on the fingerprint sensor, and the voice prompts "Press again." The user then places the same finger on the sensor to complete the continuous fingerprint recording.
- Password: The user enters a 6 to 8-digit password and confirms it by pressing the # key.
- Card: The user brings the card close to the IC card sensing area on the touch keypad, and the system automatically reads and saves the card information.

Note: Number of management users: numbered 000-009, with a total of 10 digits; Number of ordinary users: numbers 010-249, a total of 240 characters.

2. Delete user

(1) Verify Delete

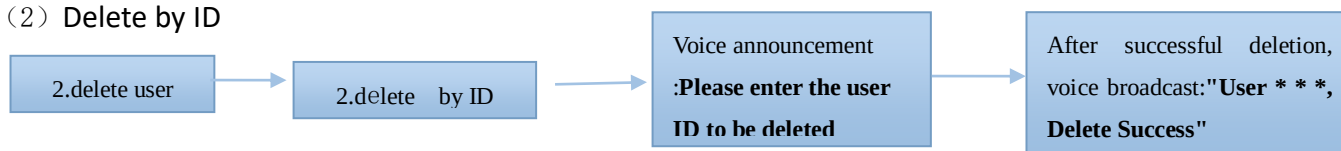


Verification method:

- Fingerprint: Place the finger to be deleted on the fingerprint sensor.
- Password: Enter the password to be delete.
- Card: The IC card to be deleted is located near the sensing area of the touch keyboard.

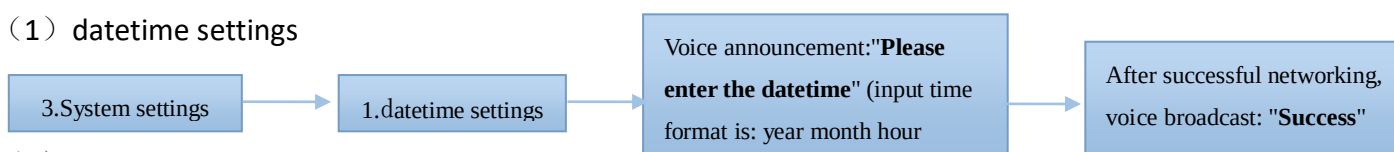
If the user exists in the system, the voice broadcast will read: **"Success"**; If the user does not exist, the voice broadcast will say **"Failure"**.

(2) Delete by ID



3. System settings

(1) datetime settings



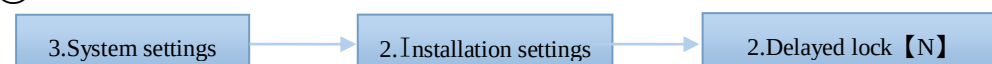
(2) Installation settings

①Door opening direction setting



Note: The direction of opening the door is in the direction of opening the lock outside the door.

②Auto-lock



Note: Delayed locking refers to setting a fixed anti lock time. Users can choose the locking time: 10S, 15S, 20S, 30S, 60S, 120S.

③Lock settings

-Tamper Alarm



Note: After activating the anti tamper alarm, if the door lock is tampered with, the system will issue an alarm prompt: "Illegal user, illegal intrusion, owner notified". If the device is connected to the network, it will push alarm information to the phone.

-Motor Torque



Note: Motor torque is specific to the strength of the motor's torque.

-Lock back time



Note: The rebound time refers to the rebound time of the locking tongue, and the set time range is between 2s and 9s.

-Dwell Alert



Note: Within 1 minute, if a human body is detected for a total of 20 seconds, a stay alarm will be triggered. The pushed network devices will not receive sound and light alarms by default.

④Face recognition settings

-Lock back time



Note: 1. Classification of human sensory function:

·Human body sensing [off]: The intelligent door lock will not engage in human body sensing in standby mode.

·Human body sensing [intelligence]: The intelligent door lock will not engage in human body sensing when the door is opened.

·Human body sensing [open]: In any state, the intelligent door lock will undergo human body sensing.

2.If there are 10 consecutive awakenings and no facial recognition is detected, human sensing will be turned off by default for 5 minutes.

2. -Detection distance



Note:Detection distance[Near]: About 30~50cm; Detection distance[Medium]: 50~70cm; Detection distance[Far]: 70~80cm.

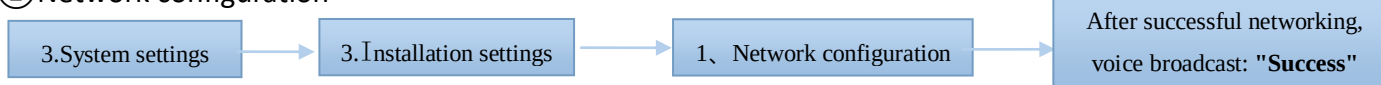
-Recognition prompt



Note: When the recognition prompt is turned on and the human body senses awakening, the voice prompt is: "Please capture a frontal face"

(3) Function settings

①Network configuration

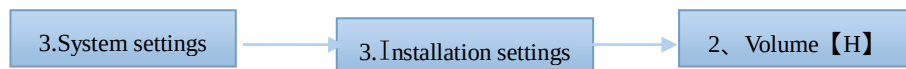


(Please refer to the appendix of the manual for detailed operation of networked products).

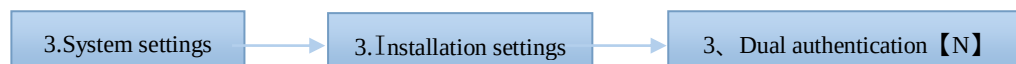
Note: The distribution function only supports one mobile phone for distribution. If you enter the networking

configuration again, the last distribution data will be automatically cleared. Users should be cautious when operating.

②Volume

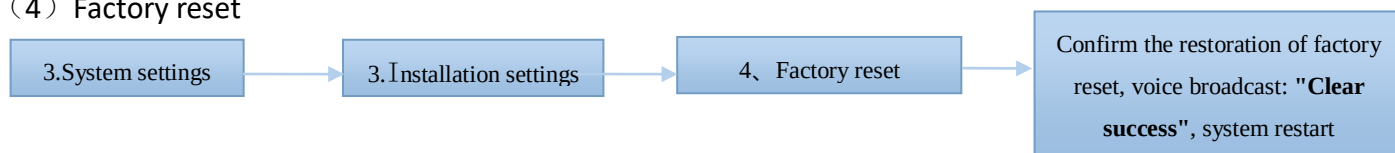


③Dual authentication



Note: Dual authentication Only for ordinary key unlocking, two different ordinary user keys must be verified to successfully unlock, and administrator users can directly unlock.

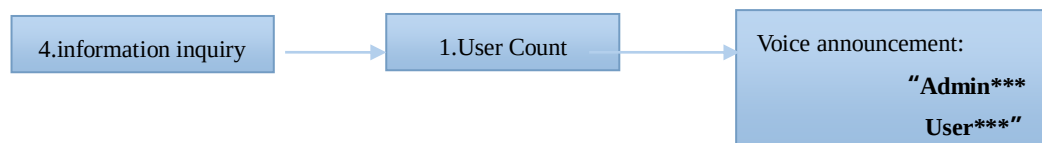
(4) Factory reset



Note: After restoring the factory reset, all user data will be cleared. **Please operate with caution.**

4.information inquiry

(1) User Count



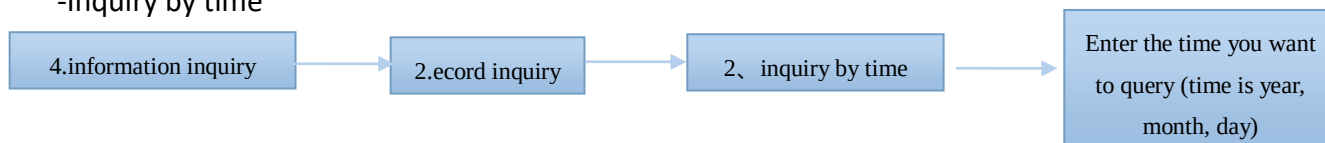
(2) Read Records

-Inquiry by order



Note: Sequential query starts with the latest information and goes down. Press the 8th key to search for the next item and the 2nd key to search for the previous item.

-Inquiry by time



Appendix 1:

"SmartLockApp" Wechat Applet

1.Overview

The Wechat applet can be used to generate time-limited passwords. These time-limited passwords are generated by a secondary encryption to the unlocking password and time. It can be used even if the smart lock is not connected to the network.

2.Preparation

The User ID 000 has already been added to the fingerprint lock, and the system time has been set correctly.

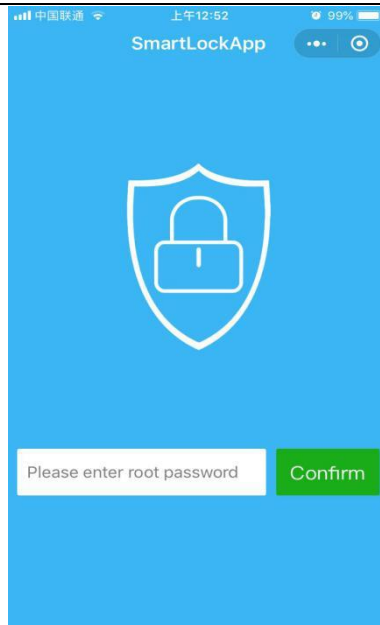
3.Adding Wechat Applet

Open your Wechat and scan the QR code below to add the WeChat applet "SmartLockApp"



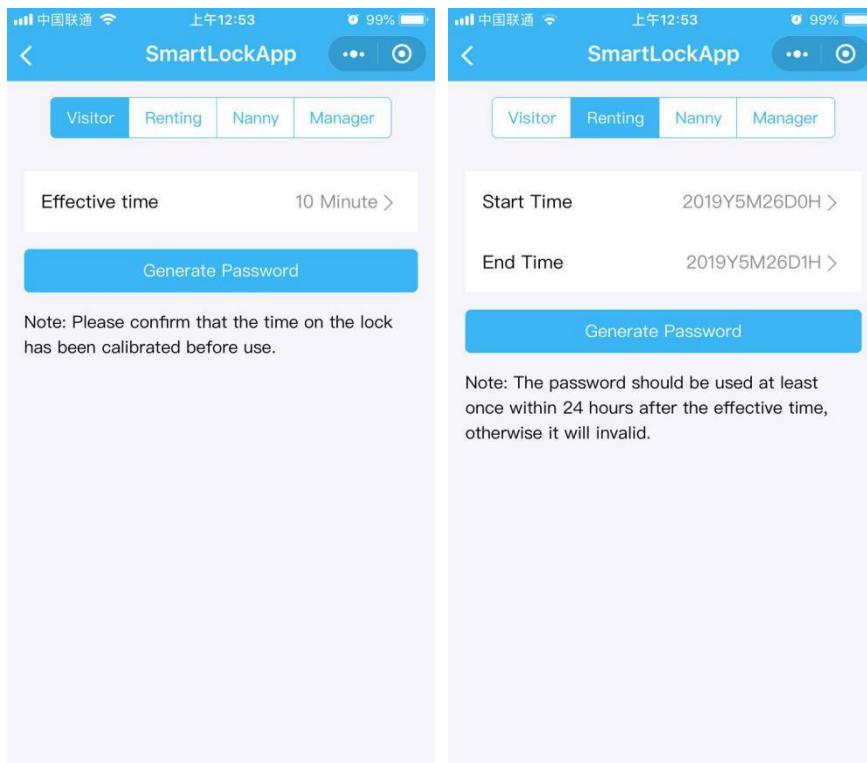
4.Entering the Unlocking Password

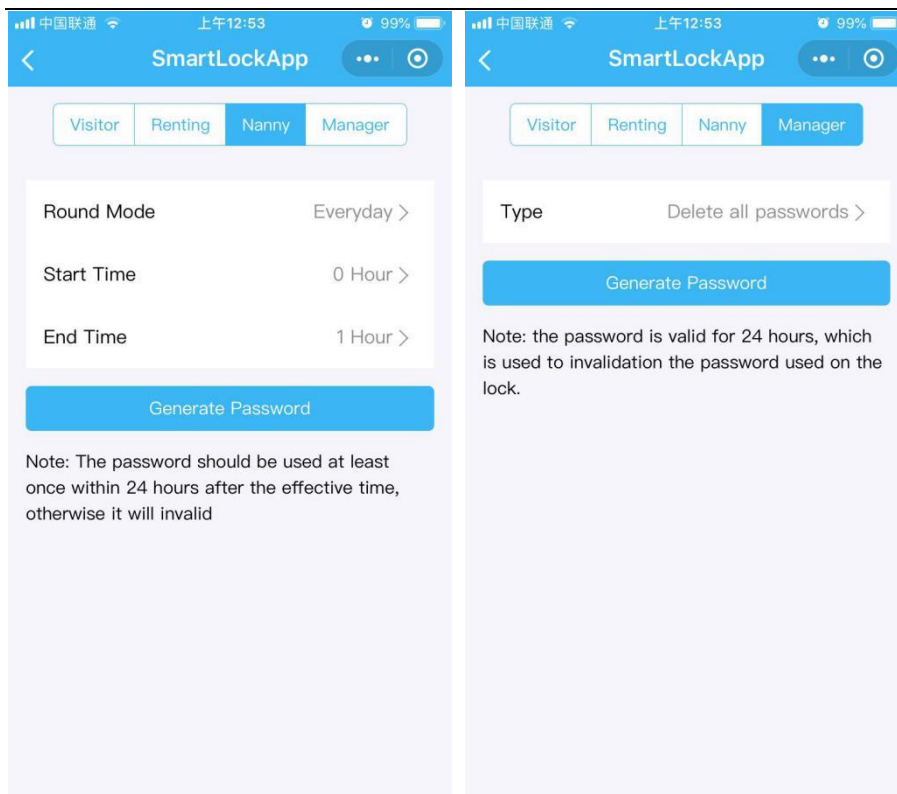
Enter the unlocking password of **User 000** on the home page of the applet, and click the **OK** button to confirm and enter the "time-limited password" generation interface



5. Generating Time-Limited Password

Select the password mode and click the **Generate Password** button





(1) Visitor mode

In visitor mode, users can generate time-limited passwords for limited 1 to 59 minutes, counting from the current time, which will become invalid after the time limited.

(2) Renting mode

In short-term lease mode, users can generate valid passwords for any period of time. The validity time must be longer than the validity time and the current time. The maximum time range cannot exceed 60 days. The generated temporary password must be entered within 24 hours after the password takes effect. Otherwise, the password becomes invalid.

(3) Nanny mode

In nanny mode, users can set the allowable time periods for unlocking every day. The time losing efficacy shall be later than the time taking effect. The generated password needs to be input within 24 hours, otherwise it will be invalid.

(4) Password Management

The password management function can be used to delete the time-limited passwords that are already in effect on a lock. However, it is not possible to delete the time-limited password that takes effect within 24 hours, administrator user's password, or standard user's password. If you need to invalidate all time-limited passwords, you need to delete User 000 on the lock first, and then add it again.

appendix

APP Operation

App Store search [Smart Life] Download and sign in.

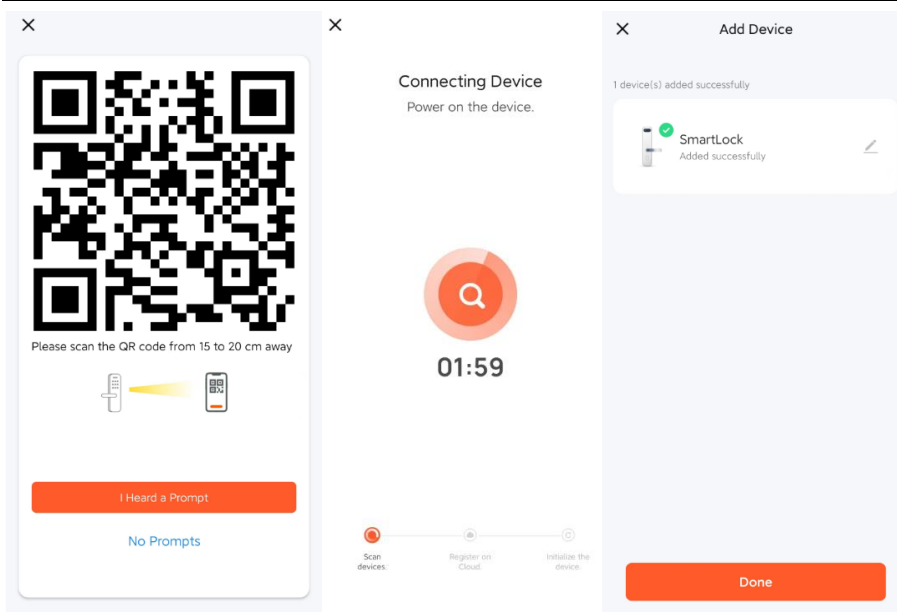
1、Add device

After entering the APP, click "+" in the upper right corner of the home page to add the device, and enter the "Add Device" page;

1) Two-dimensional code distribution network

- Select [Camera&lock] and click "Video lock (Wi-Fi)" to jump to the next page.
- "Reset the device" interface, click Next, check the Scan the QR code with door lock camera, click [Next].
- Select WIFI and enter password, click [Next].
- After entering the "Reset the device" page, keep waiting, go to the smart door lock operation, let it enter the network mode.
- Point the QR code of the mobile phone at the camera. When the lock end plays a "stomp" prompt tone, click "I Hear a prompt" to enter the distribution state.

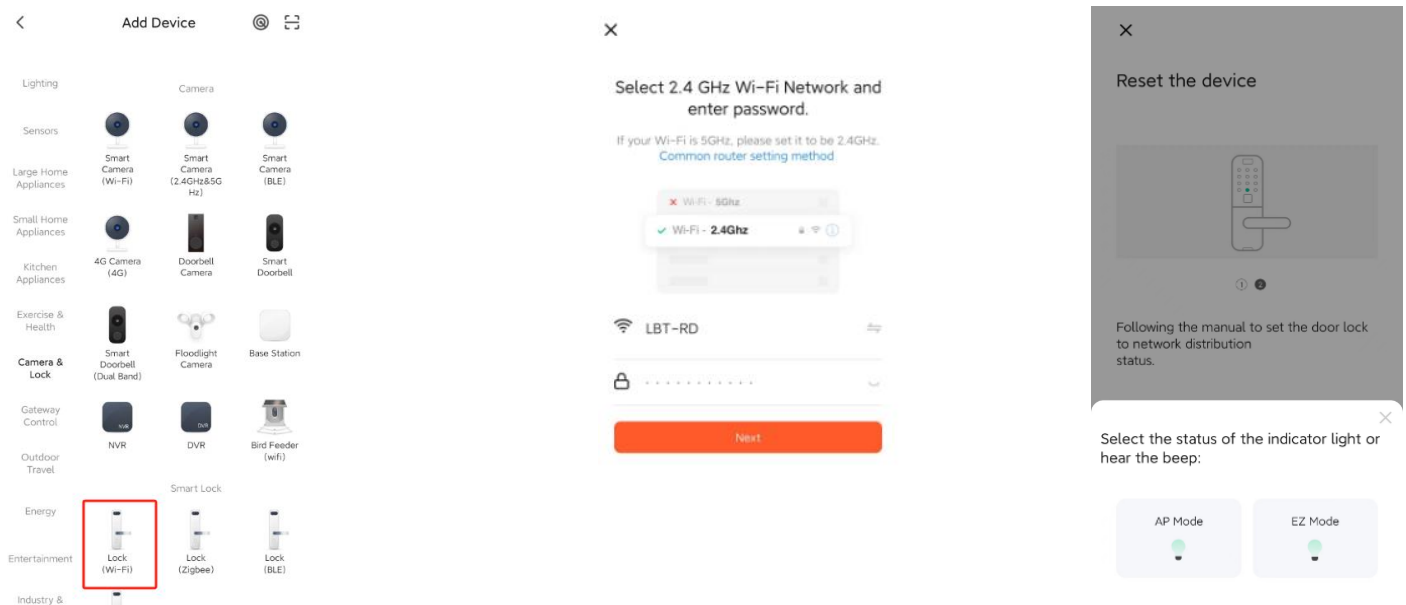


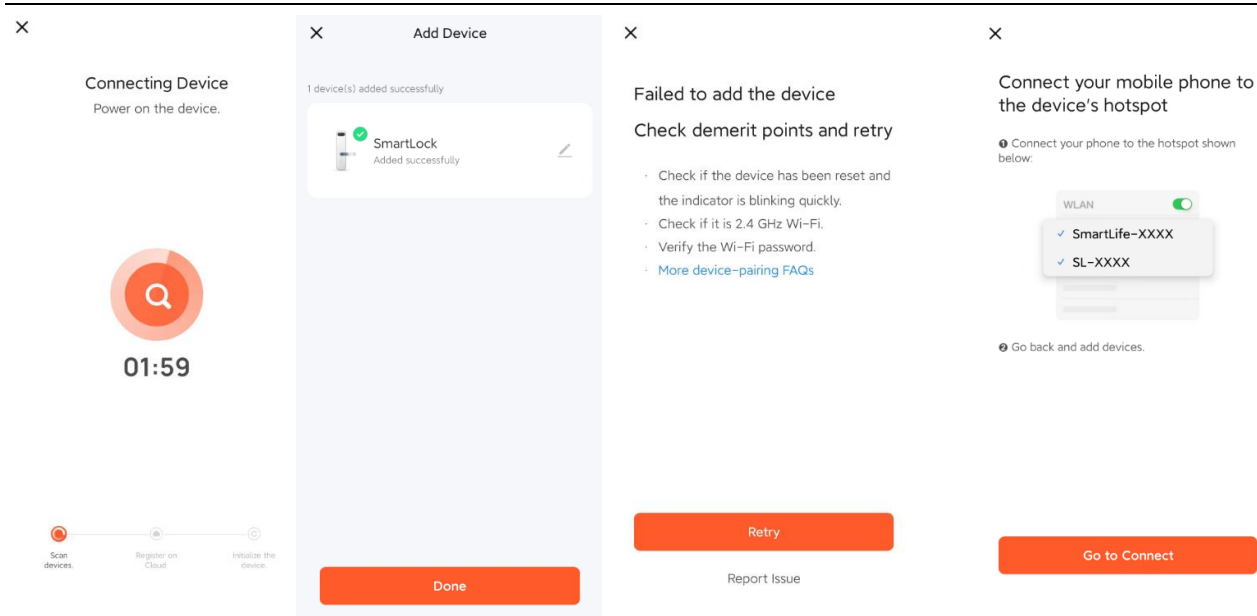


2) WIFI distribution network

- Select [Camera&lock] and click "Lock (Wi-Fi)" to jump to the next page.
- Select WIFI and enter password, click [Next].
- "Reset the Device" interface, click Next, select **【EZ Mode】**.
- After entering the "Add device" page, keep waiting, go to the smart door lock operation, let it enter the network mode.
- If the power distribution fails, you can select "Switch the power distribution mode" or select the hotspot mode. Connect to the Wi-Fi hotspot starting with SmartLife, and configure the network according to the instructions of the mobile phone.

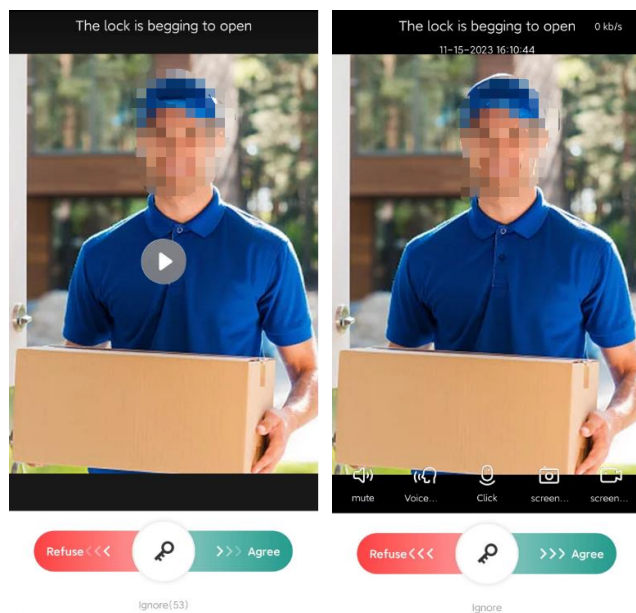
Note: Some device hotspot names may be user-defined





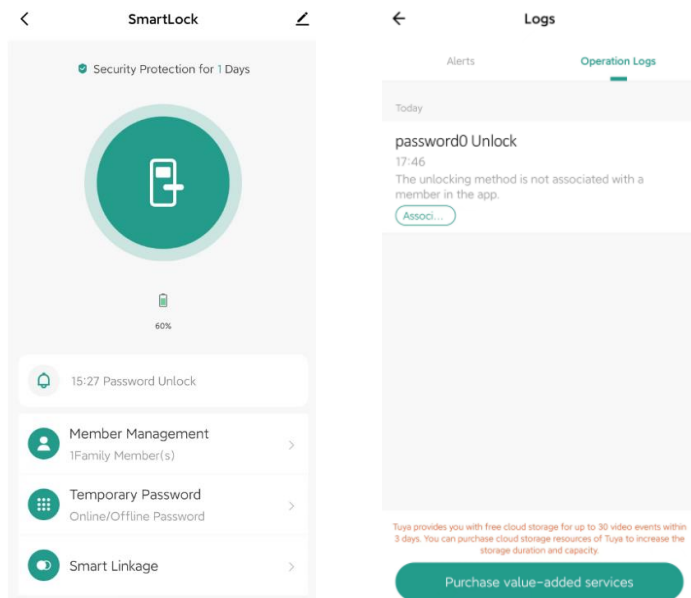
2、Remote unlocking

- Visitors ring the doorbell, the user's mobile phone can receive a remote unlock request.
- Click the adaptive broadcast button to talk to the visitor.
- Slide the release button to the right for remote unlocking.



3、Record query

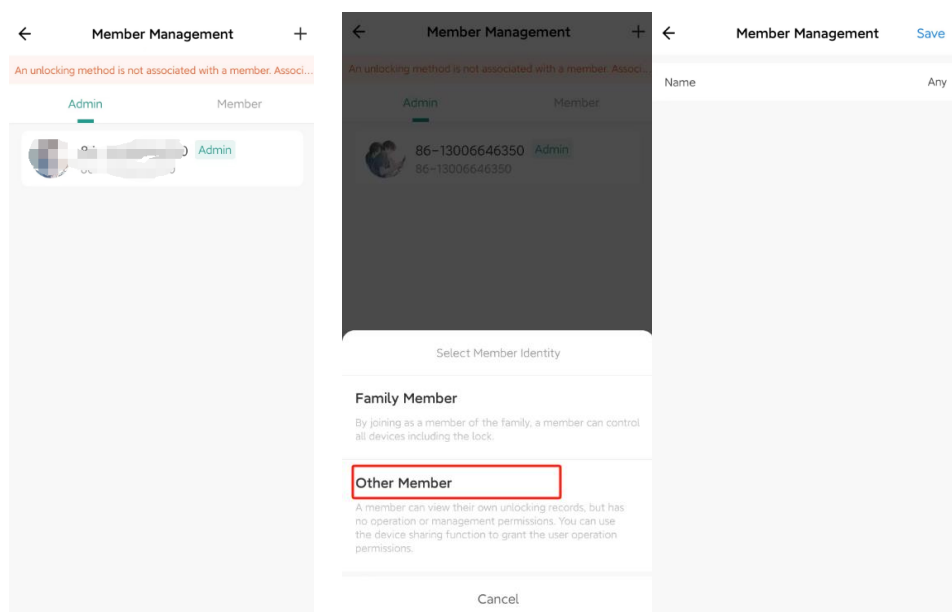
Messages such as doorbell push, illegal user, low battery, and unlocking can be queried in the log.

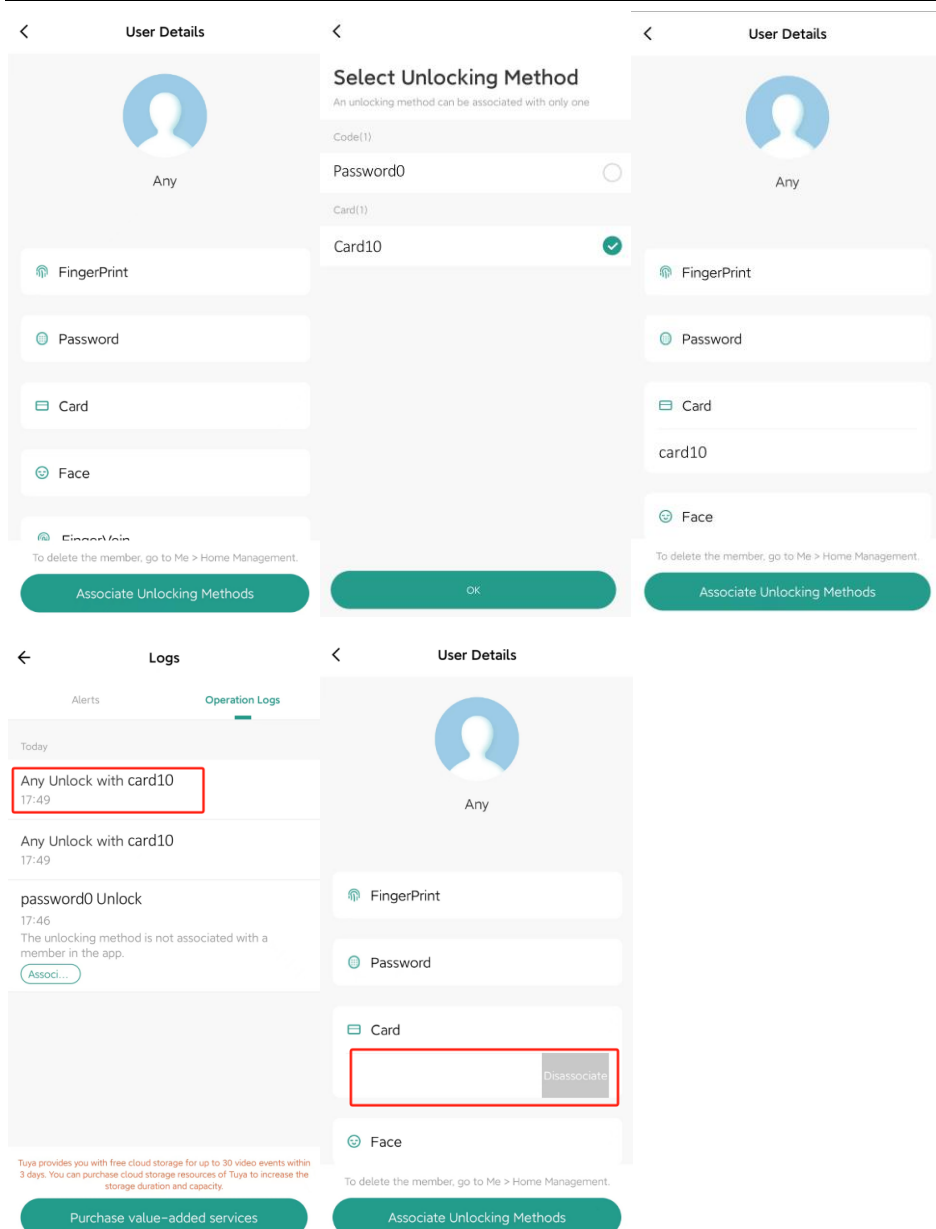


4、Member management

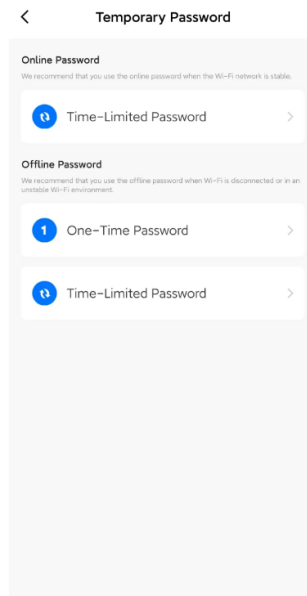
- Click [Member Management] to enter the member management page.
- Click [+] in the upper right corner to select other members.
- Enter the name of the member to be bound.
- On the Member information page, click Manage Unlock Mode.
- Select the user number to be bound and click OK

Note: Account number – User code generated when the door lock is added.





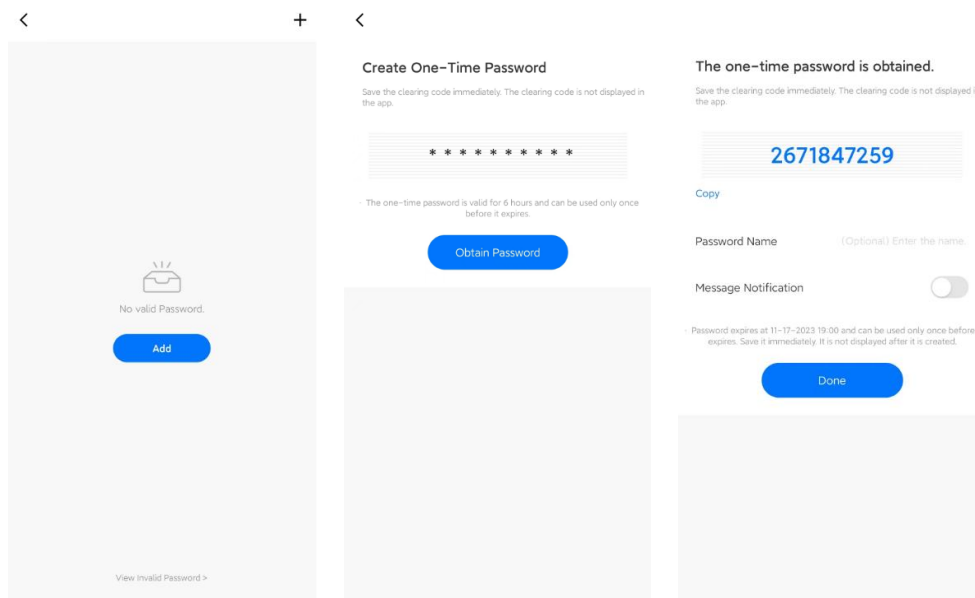
5、Temporary password



1) One-time password

Select a one-time password and click Add or the + sign in the top right corner; Click to obtain the password, the system automatically generates a set of ten-digit password, click to complete.

The password must be used within 6 hours after it is generated. The password can only be used once within the valid period.



2) Unlimited password

Select an unlimited password and click Add or the + sign in the top right corner; Select effective time and implementation time; Click to obtain the password, the system automatically generates a set of ten-digit password, click to complete.

