# Smart lock manual

M1 user manual

# Installation instruction of anti-theft lock body

## 1. Accessory

① Front lock
② Connecting pillar40/60(mm)
③ Fixing cylinder
④ Battery cover
⑤ Mortise
⑥ Back lock
⑦ Back bottom plate
⑧ Screw M5
⑨ Spindle
⑩ Screw M5X12(mm)

⑪ Strike box (wood door only)
⑫ Strike plate
⑬ Screw 4. 2X25(mm) (wood door only)/ M5X8(mm) (steel door only)
⑭ AA battery
⑮ Machenical key
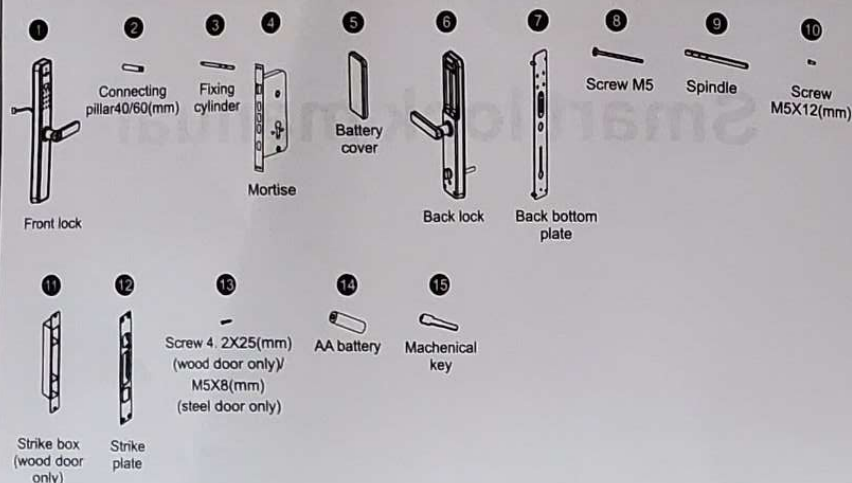
## 2. Door opening direction

① Right handle opening

**Right inwards** — Inside / Inside / Outside
**Right outwards** — Inside / Outside

② Left handle opening

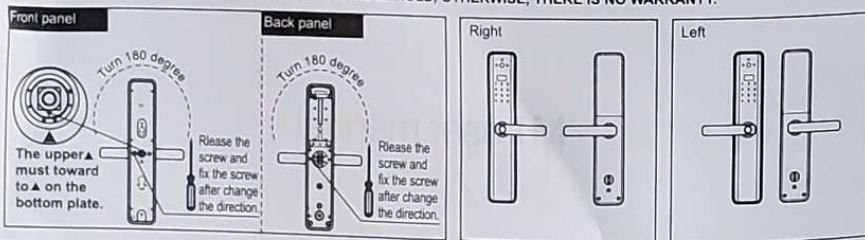**Left inwards** — Inside / Inside / Outside
**Left outwards** — Inside / Outside
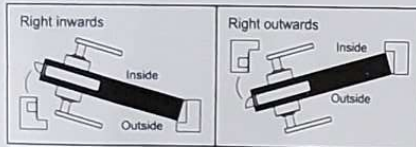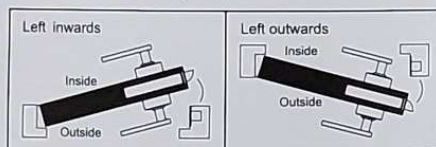
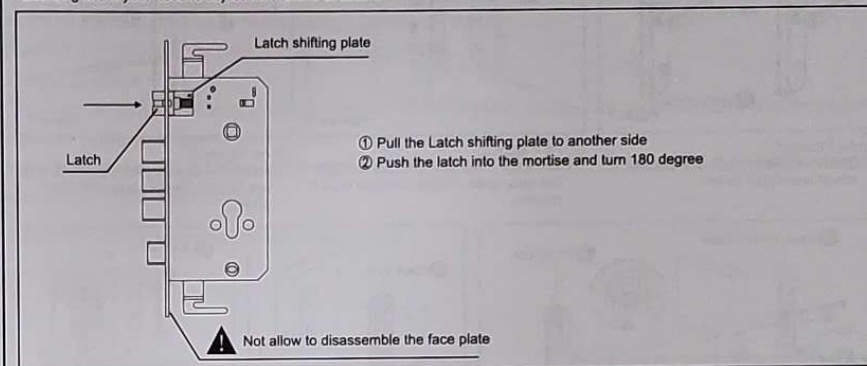## 3. Adjust right handle and left hande

Release the screw with a screw driver, and turn 180 degree according to your needs to adjust the left and right, fix the screw after the handle on the correct direction.
Note: DO NOT REMOVE THE SCREW INSIDE THE HANDLE HOLD, OTHERWISE, THERE IS NO WARRANTY.

**Front panel** — Turn 180 degree. The upper▲ must toward to ▲ on the bottom plate.
**Back panel** — Turn 180 degree. Rlease the screw and fix the screw after change the direction. / Rlease the screw and fix the screw after change the direction.
**Right**
**Left**

## 4. Adjust the mortise direction

According to the your need to adjust the mortise direction.

Latch shifting plate
Latch

① Pull the Latch shifting plate to another side
② Push the latch into the mortise and turn 180 degree

⚠ Not allow to disassemble the face plate

## 5. Accessories for sorts of door thickness

Available door thickness 40mm-120mm. If the door is over this range, please contact us for more information. Please select the correct accessories according to your door thickness.

| Code and name | Specifications(mm) | door thickness ranges & QTY | | | |
|---|---|---|---|---|---|
| | | 40-60(mm) | 60-80(mm) | 80-100(mm) | 100-120(mm) |
| ⑨ Spindle (Cut the spindle according to the door thickness) | | 1 | 1 | 1 | 1 |
| ⑬ Screw 4.2X25(mm) (wood door only) | 25  4.2 | 10 | 10 | 10 | 10 |
| ⑬ Screw M5X8(mm) (steel door only) | 8  M5 | 8 | 8 | 8 | 8 |
| ⑧ Screw M5 (Cut the screw according to the door thickness) | | 2 Or 2 | 2 Or 2 | 2 | 2 |
| ③ Fixing cylinder (Cut the fixing cylinder according to the door thickness) | | 2 | 2 | 2 | 2 |
| ② Connecting pillar 40/60(mm) | 40 / 60 | 2 | 2 | 2 | 2 |

## 6. Caution before installation

① Do not be a strong force when installation, avoid to damaging the lock.
② Use correct installation tools.
③ Wear glass to protect your eyes when drilling holes.
④ Drilling the door holes on both side of the door avoiding to damaging the door plate.
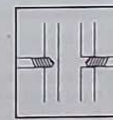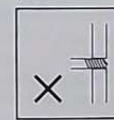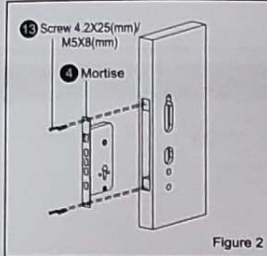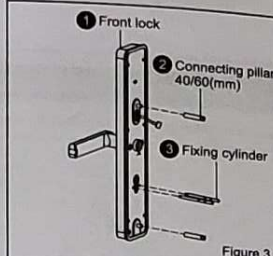
## 7. Installation

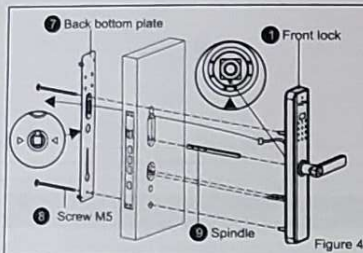Installation steps:


Figure 1
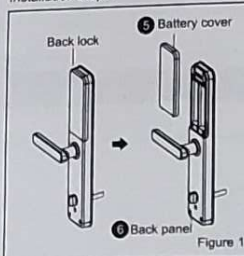

Figure 2


Figure 3

(1) As Figure 1:
① Divide the Back Lock into Battery cover and Back panel.

(2) As Figure 2:
① Make the mortise cable get through the door plate, fix the mortise with 4 screws.

(3) As Figure 3:
① Install the two connecting pillars with two fixing cylinders onto the front panel.
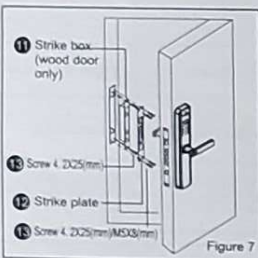

Figure 4


Figure 5


Figure 6

(4) As Figure 4:
① Insert the spindle onto the mortise.
② Get the cable across the door plate and back bottom plate.
③ Fix the back bottom plate and front panel with two screws. (**Note: The upper ▲ must toward to ▲ on the bottom plate), the two on the bottom plate must toward to the central of the spindle.**
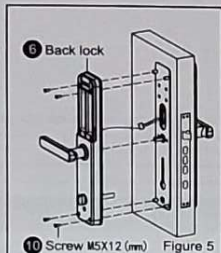
(5) As Figure 5:
① Connect the front panel cable with the connect on the back panel.
② Fix the back panel on to the back bottom plate with 4 screws. (**Note: make sure the knob is vertical.**
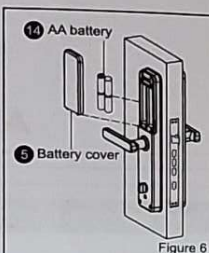
(6) As Figure 6:
① Put the Batteries correctly and fix the Battery cover.


Figure 7

(7) As Figure 7:
① Fix the strike box on the door frame, and then fix the strike plate with 4 screws on the door frame.

## 8. Check points after installation

① The face plate is horizontal with the door.
② The Latch bolt, Dead bolt and Security Bolt must works smoothly and flexibly.
③ The Front lock is vertical and stable.
④ Front handle works smoothly and flexibly, Dead bolt should be in position when you lift the handle.
⑤ Dead bolt should be in position when you lift the Back handle, and it should be retracted when you press the handle.
⑥ Knob turns smoothly and flexibly, and Security bolt reaches out or retracts should be together with the Knob's action.

# Intelligent lock(five in one) operation manual

### 1.Function and Operation
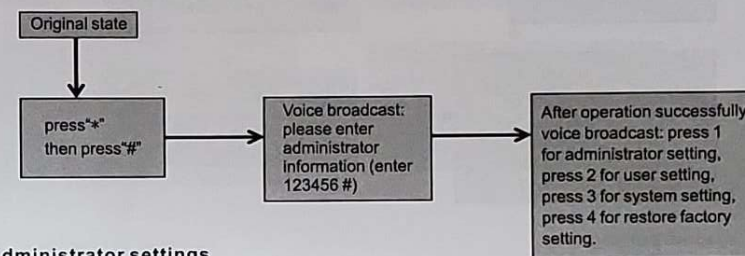1.1 Description of terms and functional keys
1) Adminstrator information: refer to the Administrator's fingerprint, password or IC card.
Unlock information: refer to the input fingerprint, password ,Remote control or IC card information (including Administrator and ordinary users).
2) Key"*": clear key/back key. Enter the password or point by clearing the previous input.Press the clear key three times in succession, empty all input.
3) Key"#": confirmation key or menu function key.

### 2. Original state
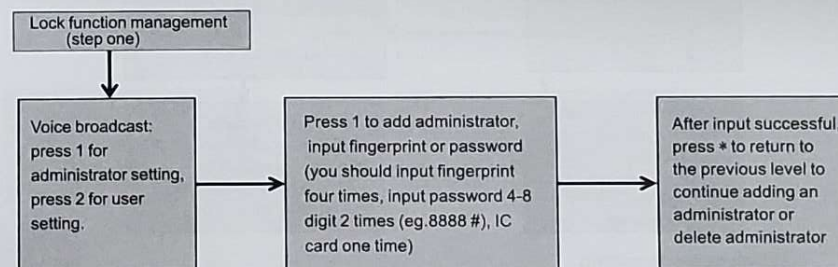1) The factory administrator orinitial password is 123456, under the orinitial state any fingerprint, IC card or password can open the lock.
2) Any fingerprint, IC card ,or password which are not registered can't open the lock after inputting the administrator information.
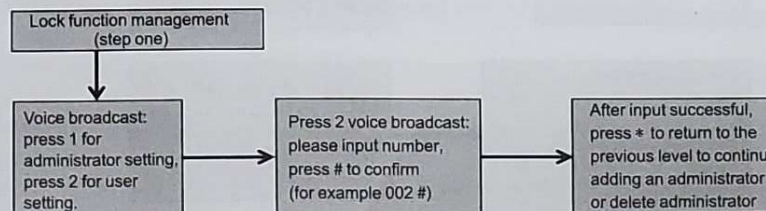
### 3. Lock function management (step one)



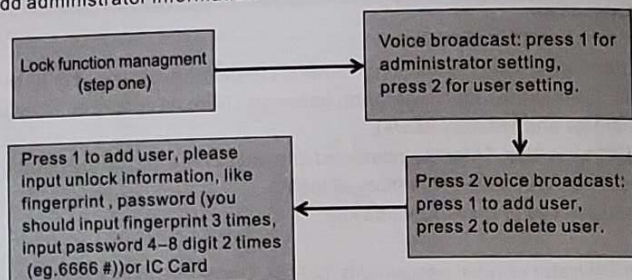### 4. Administrator settings
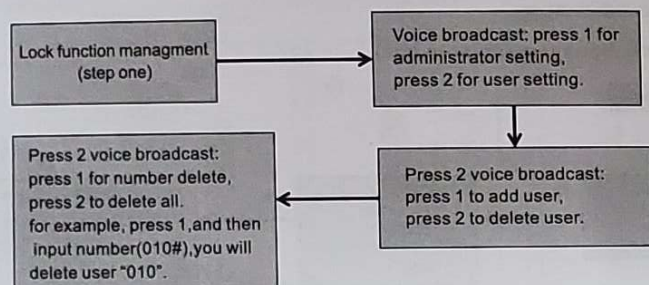1) Add administrator (step 2)



2) Delete administrator information

## 5. Common user setting
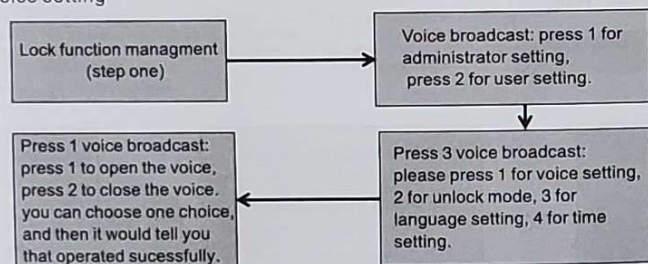
### 1) Add administrator information

Lock function managment (step one) → Voice broadcast: press 1 for administrator setting, press 2 for user setting. → Press 2 voice broadcast: press 1 to add user, press 2 to delete user. → Press 1 to add user, please input unlock information, like fingerprint , password (you should input fingerprint 3 times, input password 4–8 digit 2 times (eg.6666 #))or IC Card

### 2) Delete user information

Lock function managment (step one) → Voice broadcast: press 1 for administrator setting, press 2 for user setting. → Press 2 voice broadcast: press 1 to add user, press 2 to delete user. → Press 2 voice broadcast: press 1 for number delete, press 2 to delete all. for example, press 1,and then input number(010#),you will delete user "010".

## 6. system setting

### 1) Voice setting

Lock function managment (step one) → Voice broadcast: press 1 for administrator setting, press 2 for user setting. → Press 3 voice broadcast: please press 1 for voice setting, 2 for unlock mode, 3 for language setting, 4 for time setting. → Press 1 voice broadcast: press 1 to open the voice, press 2 to close the voice. you can choose one choice, and then it would tell you that operated sucessfully.

### 2) Unlock mode setting

Lock function managment (step one) → Voice broadcast: press 1 for administrator setting, press 2 for user setting. → Press 3 voice broadcast: please press 1 for voice setting, 2 for unlock mode, 3 for language selection, 4 for time setting. → Press 2 voice broadcast: Press 1 for single mode, press 2 for combination mode. Press 3 to enable passage mode, Press 4 to cancel passage mode, you can choose one choice,and then it would guide you that operated sucessfully.

## 3) Language settings

Lock function managment (step one) → Voice broadcast: press 1 for administrator setting, press 2 for user setting. → Press 3 voice broadcast: please press 1 for voice setting, 2 for unlock mode, 3 for language selection, 4 for time setting. → Press 3 voice broadcast: press 1 for Chinese, press 2 for English. you can choose one choice,and then it would tell you that operated successfully.

## 4) Time setting

Lock function managment (step one) → Voice broadcast: press 1 for administrator setting, press 2 for user setting. → Press 3 voice broadcast: please press 1 for voice setting, 2 for unlock mode, 3 for language selection, 4 for time setting. → Press 4 voice broadcast: current time 1908080808,then press "#", voice broadcast: please enter current time. Please modify based on the format (year-month-day hour:minute, for example:1903041153), and then press # to confirmed.

## 7. Restore factory settings

Lock function managment (step one) → Voice broadcast: press 1 for administrator setting, press 2 for user setting. → Press 4 voice broadcast: please input administrator information (eg:123456), press # to confirm. → Successful initialization

## 8. APP Configuration (Tuya Smart) - optional

1) Search "Tuya Smart" in App Store or an App market, download and install it.

2) Register with your cellphone number and log in.

3) Click "Security &Sensor", find "Lock(Wi-Fi)", click and add a device following instructions before use.

4) Remote unlocking: wake up the screen and press "9"+"#". There will be a voice prompt: requesting remote unlocking.

**Add one network**

1) Press"*"+"#"to authenticate administrator identity and then press "1" to access administrator settings. Then there will be a voice prompt of pressing "3" for network configuration.

2) Voice prompt in network configuration mode: press "1" for hotspot connection and "2" for intelligent connection.

3) When the network is successfully added, the $1^{st}$, $2^{nd}$, $3^{rd}$ and $4^{th}$ lights on the keyboard will be on in order with a voice prompt of "operation completed".

4) In the event of network addition failure, the $1^{st}$, $2^{nd}$, $3^{rd}$ and $4^{th}$ lights on the keyboard will not be on and there will be a voice prompt of "operation failed" upon timeout.

Notice:

Please add administrator before setting.

## 9. Other notes

1) Input the wrong password more than 5 times in arow, the keyboard locked for 30 seconds, it does not respond to any operations in 30 seconds.

2) Password peeping prevention function: input password as follows when opening the door with password: XXX password XXX; you can add some extraneous codes before and after the password, and then press # to confirm. The password must be included in the input contents.

3) If there is no operation more than 10 seconds , system will automatically exit.

4) After the voltage is lower than 4.6v, the lock will automatically alarm every time when it is opened. After the alarm, the lock can be opened for about 200 times.

5) Remove the battery cover,press the "Set" key for 6 seconds,the lock was restored to factory mode;

6) In factory mode,input "333666999#" cna change the language quickly;

7) When unlocking,input "5#"to enter passage mode(One time effective);

8) When unlocking,input "*"to broadcast the user number;

## 10、Technical Parameters

| Technical Parameters | | | |
|---|---|---|---|
| | Items | Parameters | Memo |
| 1 | Static current | $\leqq 50uA$ | |
| 2 | Dynamic current | $\leqq 180mA$ | |
| 3 | Administrators number | 9 | |
| 4 | Fingerprint number | 100 | |
| 5 | Fingerprint + password + card capacity | 300 | |
| 6 | Fingerprint Sensor | Semiconductor | |
| 7 | Fingerprint contrast time | $\leqq 0.6Second$ | |
| 8 | Fingerprint identification Angle | 360° | |
| 9 | False Rejection Rate | $\leqq 0.1\%$ | |
| 10 | False Recognition Rate | $\leqq 0.0001\%$ | |
| 11 | Reaction time | $\leqq 0.1\ Second$ | |
| 12 | Power type | 6V | |
| 13 | Emergency power | 5VDC | |
| 14 | Working temperature | -25℃~60℃ | |
| 15 | Working Relative Humidity | 20%~90%RH | |
| 16 | Human voice | Yes | |
| 17 | Keyboard | Touch standard 12-bit keyboard | |
| 18 | Password Length | 4-8 digits | |
| 19 | Phantom password | 32 digits | |
| 20 | Low voltage alarm | 4.6±0.2V | |
| 21 | Unlock time | $\leqq 1Second$ | |

Powered by
tuya
Intelligence Inside

# Smart lock manual

## Main function modules

## 1、APP registration and login

- APP registration: if you do not have an APP account, you can choose to register or log inby SMS verification code.

- Click "create a new account" to enter the account registration page. According to theprompt to obtain SMS verification code, setthe password.

- If you have an existing account, click "login with an existing account" to log in to the APP. Password, verification code, and social account login are supported.
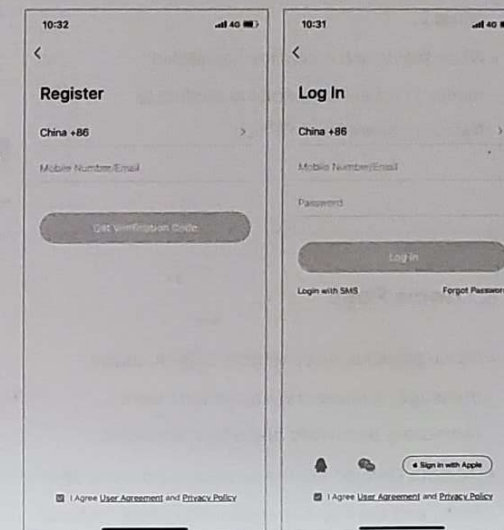


## 2、Create Homes

- Create your home after registering and logging in successfully.

- Each account can create and add multiple homes, and devices can be grouped by room in the home.

- Weather and other functions depend on the geographical location of the family, which is recommended to set in advance.

## 3、Add WiFi lock

- On the Tab of "my home", click "+" in the upper right corner to enter the interface in figure 1, select the WiFi door lock in security sensor part and enter the page in figure 2.
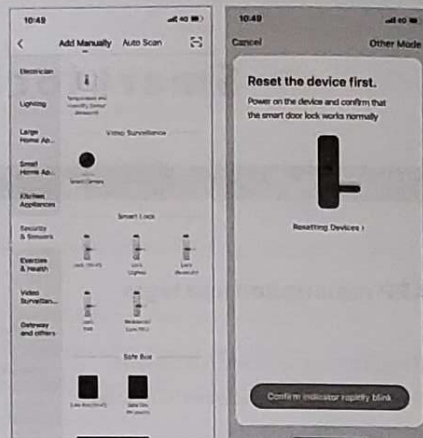- When the device enters the connected mode, continue to operate according to the instructions and APP tips.
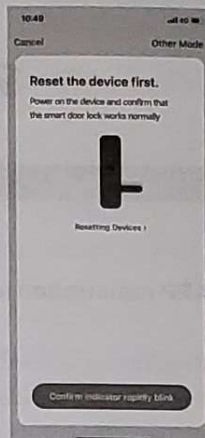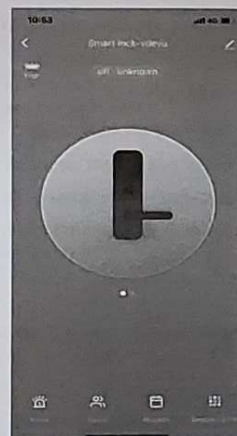


Figure 1              Figure 2

## 4、Home Page

- Home page includes remote unlock, alarm message, member management, record, temporary password and other functions.
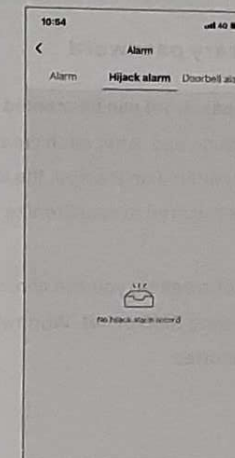- Remote Unlock: initiate a request from the door lock, and the app can respond to allow / refusal door opening



## 5、Dynamic password

- Click to get the dynamic password Meanwhile copy the password text for you



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## 6、Message center

- Message center contains alarm information, doorbell call information and hijacking alarm. information, which can be inquired.



## 7、User Management

- User can be added, deleted or changed in member management.
  Only the administrator user of app is allowed to do that.



## 8、Record Log

- 24/7 Record Log, arranged in reverse chronological order. The unlocked ID with the associated user name will directly display the user name, while the unlocked ID without the associated name will display the specific unlock ID



10
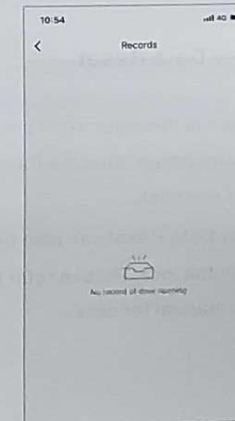
## 9、 Temporary password

- Temporary password can be created and deleted through app. After each create or delete is completed on the app, the lock hardware is required to synchronize with the server.
- At the time of creation, you can choose whether to send SMS or not. Worldwide SMS is supported.

## 10、 Hijacking alarm

- When the anti-hijacking mark in the left picture is opened, if the unlock action of the unlock ID occurs, the record will report and the app will trigger the anti-hijacking alarm
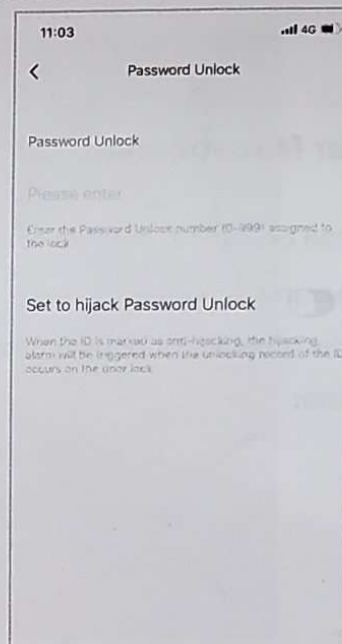
## 11、 Factory Data Reset

- Click the icon in the upper right corner of the main interface. Find the Factory Data Reset and click.
- The Factory Data Reset can also be operated on the lock. Please refer to the instruction manual for details.