

Fully automatic smart lock

Use instructions

Thank you for buying our products. For your better use of this product, please read the instructions carefully before use.

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I Product performance profile

1、Product summarize

Full automatic smart door lock is our company independent research and development, production, retail as one of the high-tech products, fingerprint head using living fingerprint imaging technology, safe and reliable, intelligent stability, quick and convenient after-sales advantages are widely used in home, villa, office and other fields.

2、Product feature

- ① Easy to install, panel screws can be adjusted freely, can match 99% of the lock body on the market, no need to replace the original door lock body, no need to open hole replacement directly.
- ② Unlock ways: Fingerprint, password , swipe card , mechanical key .
- ③ APP remote unlock,more efficient and convenient.
- ④ Automatic lock.
- ⑤ Lock comes with doorbell, no need to buy another doorbell.
- ⑥ Independent dual system operation, front and back panels have separate operation protection system.
- ⑦ It has password protection function to prevent others from prying.
- ⑧ APP prompts, door lock sound alarm prompts.

【Technical Parameters】

Static current	<50 uA (Battery life is more than two years)
Working current	0.5~2 A
Fingerprint count	≤100
Password count	≤300
Resolution	500DPI
False rejection rate	<0.15%
False recognition rate	≤0.00004%
Operating temperature	-20°C-55°C
Relative humidity	20%~93%

Unlock card count	≤300
Card type	Mifare1
Working power supply	7.4V lithium 4200mAh

For you to introduce my company's fingerprint lock installation method, because the installation of smart lock has a certain complexity, please be sure to read carefully.

II Installation instructions

Installation procedure description

- ① Install the lock body first and fix the lock body with M5*6 screws (4 pieces).
- ② Install the lock core, fix the lock core with M5*65 screws (1), and ensure that the copper bar of the lock shaft faces indoors, the length is: 18-20mm long on the exposed plane, and the copper bar is cut out (the lock core must be installed and then the copper bar is cut).
- ③ Install front lock panel, the bottom plate is secured with two M5 screw kit copper tubes.
- ④ Install the bottom plate (assemble the silicone pad first), and use M5*105 bamboo screws to cut to the appropriate length to fix the two copper tubes on the front panel.
- ⑤ Connect the front and back panel connection wires, then install the spring and square column, align the lock rule, square column and lock core copper bar holes, then install the back panel, and fix it with M5*16 screws.
- ⑥ Install the lithium battery and battery cover.

III Function setting description

1. Attention

- ① In the factory state, any fingerprint or key card can be opened
- ② The administrator password is 123456. Before using the password, change the default administrator password. (The administrator password is the highest level password, please keep it safe!)
- ③ Mechanical keys are recommended to be kept in a safe place outside.

2. System initialization (restore factory Settings)

- ① In the initial state, any fingerprint, password, card can open the door
- ② After the initialization, the default password is 123456, which is automatically deleted after the administrator information is entered.
- ③ After pressing the initialization button on the board for 3 seconds, the device can be restored to the initial state.

3. Enter the menu (select the way to enter the menu according to customer needs)

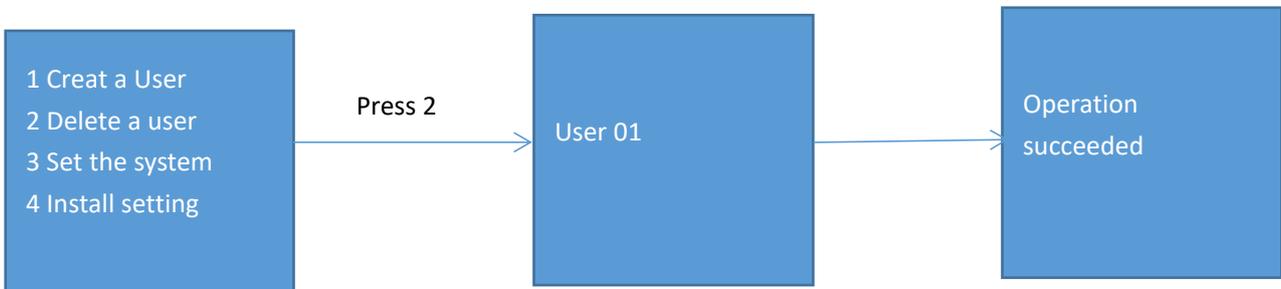
- ① Touch the keyboard to light up the keyboard and press "*+#";
- ② Press the set button;

	Count	Number range	Description
Administrator	10	000-010	Administrator Rights Add or delete common users (including common user rights)
Ordinary users	300	001-300	Ordinary users can use fingerprint, password, key card, mobile APP unlock
Key	2		Use when the battery is dead or the system fails

4.Create a user

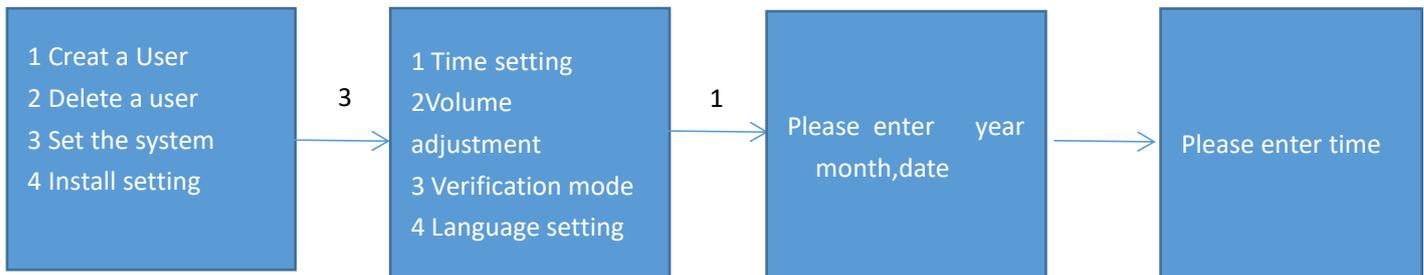


5.Delete a user

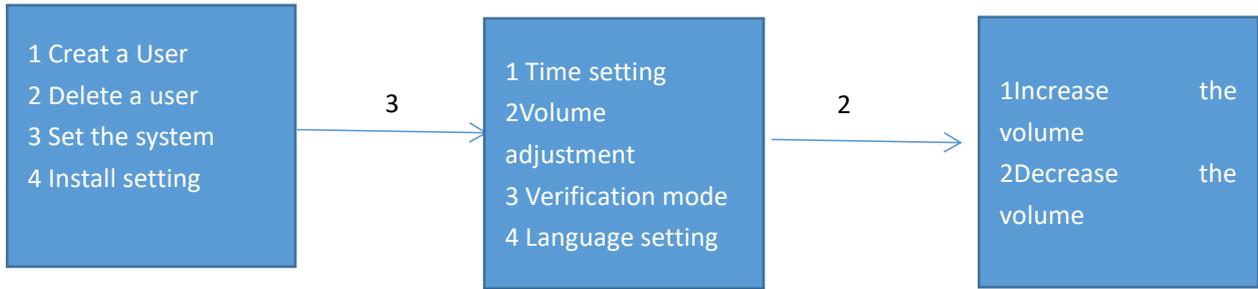


6.Set the system

6.1 Time setting



6.2 Volume adjustment



6.3 Verification mode

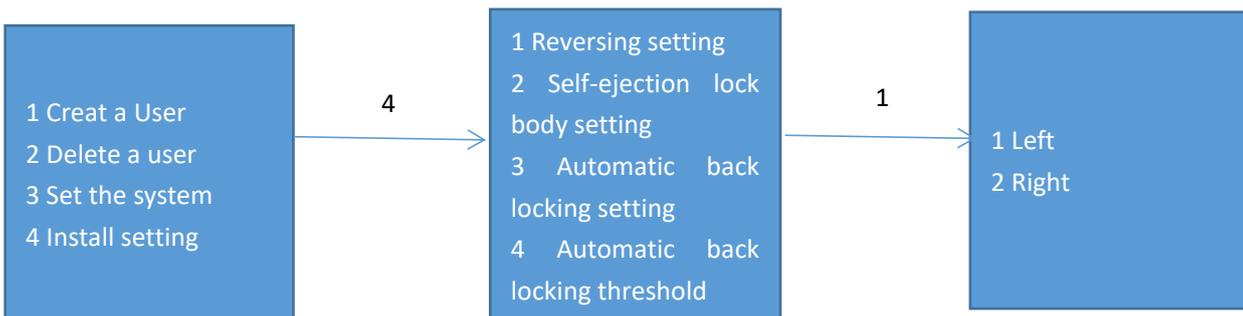


6.4 Language setting

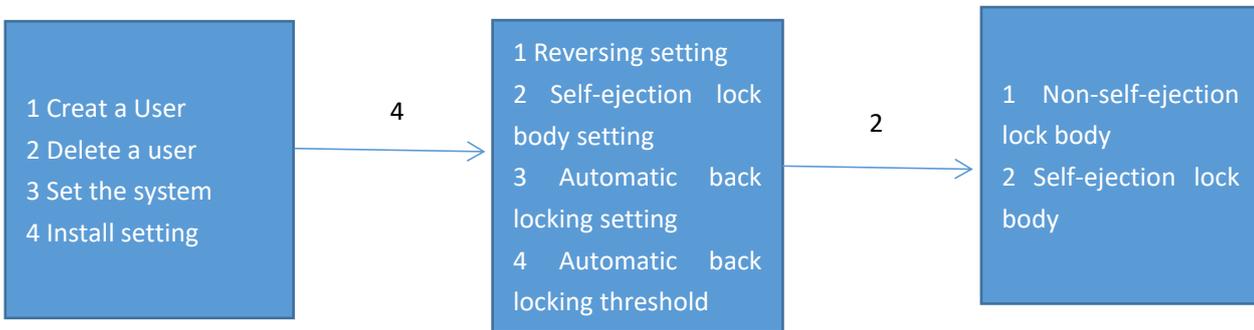


7. Installation setting

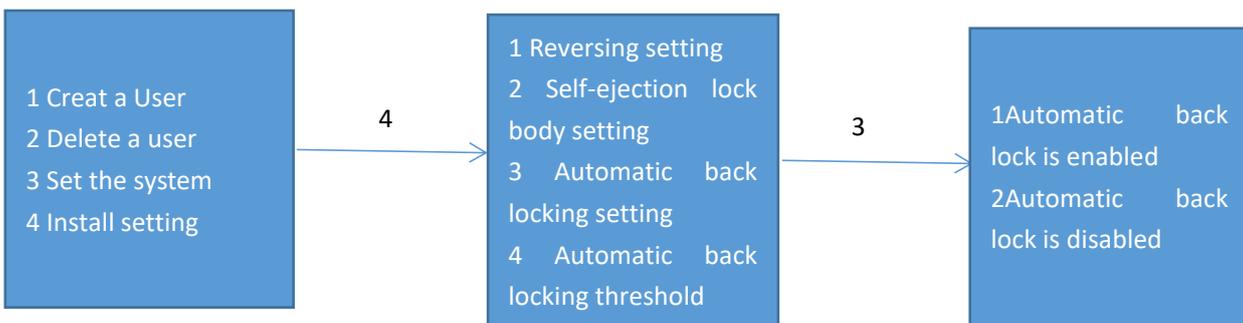
7.1 Reversing setting



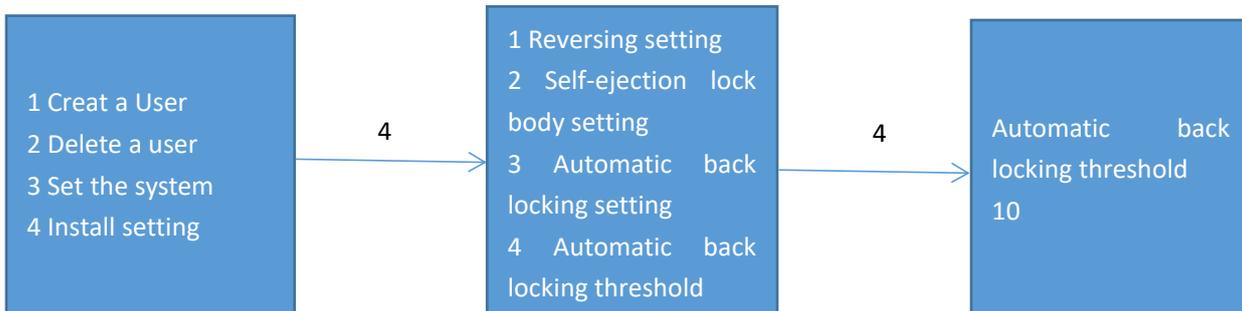
7.2 Self-ejection lock body setting



7.3 Automatic back locking setting

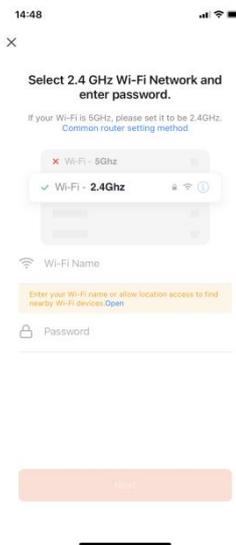


7.4 Automatic back locking threshold



Note: According to the precision and accuracy of the automatic closing, set the automatic locking threshold (3-30), and the default initialization state is 10. When the door is closed, manually press the locking key to close the lock once, and the automatic locking position will be learned once.

4) Select the corresponding WIFI- Enter the WIFI password - Next step



5) Press 1+# on the lock to enter starting connect network mode

6) Let the fingerprint lock into the distribution network state - click "Confirm keyboard light flash" - Next step (wait for the distribution network, the speed is related to the WIFI network) - Distribution network success lock will prompt the operation success - click finish

3. Open the lock remotely

1) After the doorbell is pressed in the lock, the mobile phone will receive a remote unlock request, and the lock can be unlocked on the mobile phone.

X home APP networking operation instructions

1.Download X home APP

Search for X home APP and download it in your phone

2.X home APP operation instructions

2.1 Register an account

2. To download and use the APP for the first time, you need to register an account.

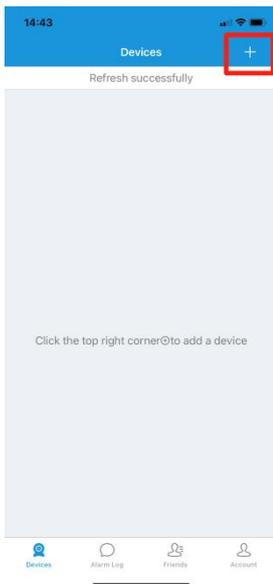
A account registration ---- set the login password and log in to the account;

B If you have registered before, directly enter the account and password login

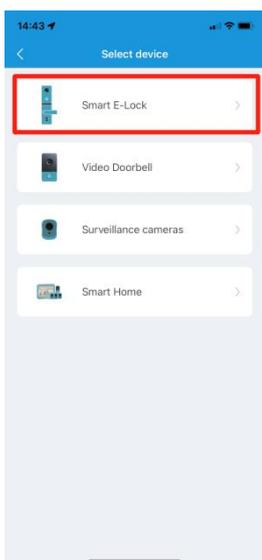
2.2 Add Device

1) Connect the WIFI in your phone

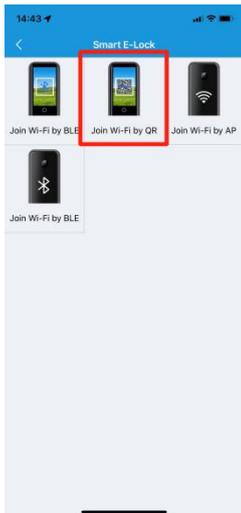
4) Open the APP and click "+" in the upper right corner of the APP to add the device.



5) Click on Smart E-Lock



6) Choose Join Wi-Fi by QR



7) Confirm that enter connected mode



Please operate the device into network config mode, once the device prompts gone into this mode, click "Confirm" to next step



8) Select the WiFi in your home from the list of WiFi names, and enter the WiFi password of the router in the password bar below (pay attention to case, underscore and space), and click "Next" to start the network distribution. (Note: If the WiFi in your home is not displayed in the WiFi list, please enable the location permission in the mobile phone system Settings).



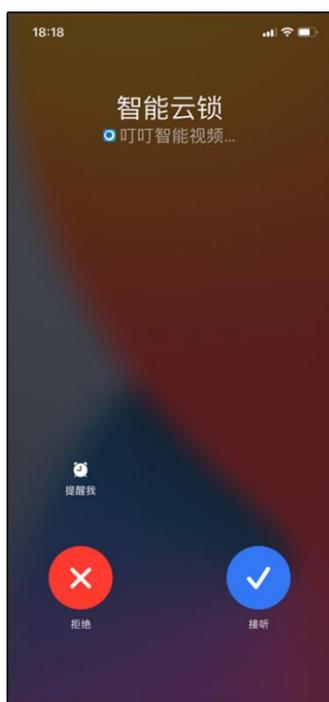
9) Press 1+# on the lock to enter staring connect network mode

10) Please place the QR code on the screen of the mobile phone 20cm in front of the lens of the device. If the scan is successful, the red light of the device will blink and the screen will indicate that the network distribution is successful.



3. Open the lock remotely

1) After the doorbell is pressed in the lock, the mobile phone will receive a remote unlock request, and the lock can be unlocked on the mobile phone.



【Technical Specifications】

- 1, 7.4V battery standby current is less than 50uA (excluding PIR), press the doorbell key to start quickly.
- 2, Input voltage DC 7.4V, current 300mA.
- 3, video time optional (10S, 20S, 30S), video format AVI 720P 30 frames.
- 4, can set a variety of working modes. Home mode, home mode, do not disturb mode.
- 5, automatic detection of human thermal infrared, detection distance is greater than 1.5M.
- 6, Automatic detection of ambient light brightness, switching night vision fill light, fill light distance greater than 1.5M.

IV Maintenance and management

1 Daily maintenance of smart door locks:

The door lock surface needs regular daily maintenance to keep the door lock bright and clean as new, use a soft and clean dry cloth to wipe the surface, prohibit water and alcohol or acid chemicals to clean, regularly ask professionals to fill lubricating oil or grease on the active parts of the door lock, replace the parts with serious loss.

2 USB Use of emergency power:

When the lock power supply is too low to unlock, it can be unlocked by external emergency power supply. Please take off the battery and charge it immediately after unlocking the lock (USB emergency power supply is for use only, do not use it when the battery is charged).

3 If the door is deformed, the friction of the latch inserted into the door pinch plate is too large to fully extend, or even to pop out. In this case, the position of the door pinch plate should be adjusted.

V Others

1. The sound and light prompt of the door lock

Long sound one time: Operation successful

Short sound one time: key prompt

Short sound two times: Operation prompt

Short sound three times: The operation fails

Siren sound: Illegal operation/Low voltage

2. Password anti-test: password input error more than 5 times, trigger the alarm, not released before the re-input, still alarm, correct verification can remove the alarm.

3. Fingerprint anti-test: fingerprint input error more than 10 times, trigger the alarm, not lifted before the input again, still alarm, correct verification can lift the alarm.

4. Key card test prevention: key card input error more than 10 times, trigger the alarm, not lifted before the input again, still alarm, correct verification can lift the alarm.

5. Password anti-snooping function: enter XXX password XXX, you can add some irrelevant codes before and after the password, and then press "#" to confirm that the password must be included in all the input content.

6. If no action is performed for more than 5 seconds, the system automatically exits.

7. After the voltage is lower than 7.2V, every unlocking will automatically prompt the lack of power, and the alarm can be unlocked 100 times

8. External power supply: When the internal battery is exhausted and can not open the door, 5V USB emergency charging port can be used to open the door in an emergency.

VI After-sales service

1, product quality commitment:

The products launched by the company have passed the tests of our professional staff, such as in the use or installation process due to product quality problems, our company can be given to solve.

2, product warranty for two years

3, During the warranty period, if one of the following circumstances occurs, it must be treated as a charge:

- ① Failure and damage caused by self-maintenance.**
- ② Failure and damage caused by transportation, moving and falling after purchase.**
- (3) Failure and damage of other unavoidable external factors.**
- ④ Damage caused by voltage using power sources other than those specified in this product.**
- ⑤ Damage caused by improper use of human factors or force majeure.**
- ⑥ The appearance of scratches and parts damaged during use after purchase need to be replaced.**

4. All products can enjoy lifetime maintenance service after sale.

5, If you need after-sales maintenance, you can fill in the corresponding information on the warranty card for after-sales service.

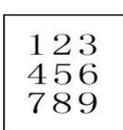
VII Packing list

No.	Name	Quantity
1	Front lock	1 set
2	Back lock	1 set
3	IC card	2
4	User manual	1
5	Qualification	1
6	Install parts	1
7	USB cable	1
8	Battery	1
9	Lock core	1
10	Front lock hanging plate	1
11	Back lock hanging plate	1
12	Lock body	1

Life is full of intelligence



Fingerprint
supply



password



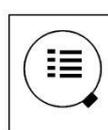
card



key



phone



Unlock record



low power reminder



Emergency power