User Manual

ON/OFF

SET

90°
ROTATE

1 2 3
4 5 6
7 8 9
* 0 #

90°
ROTATE

A. Product features

1) Standard locks complicate with: fingerprint unlock, IC card unlock, password unlock, key unlock, Bluetooth.
2) Dual mode: passage/ lock mode freely switch.
3)Low voltage alarm function,emergency power interface.
4)Applicable door thickness 35-55mm wood or steel doors.
5)Applicable mortise: 5050 or 5072 mortise.
6) Suitable places: residential areas, apartments, offices, B&B, etc.

B. Product functions

Battery cover

Electronic switch button

Reset key

Numeric Keypad

IC card induction area

LED indicator

Fingerprint recognition

Thumb turn release

key Unlocking

USB emergency power supply
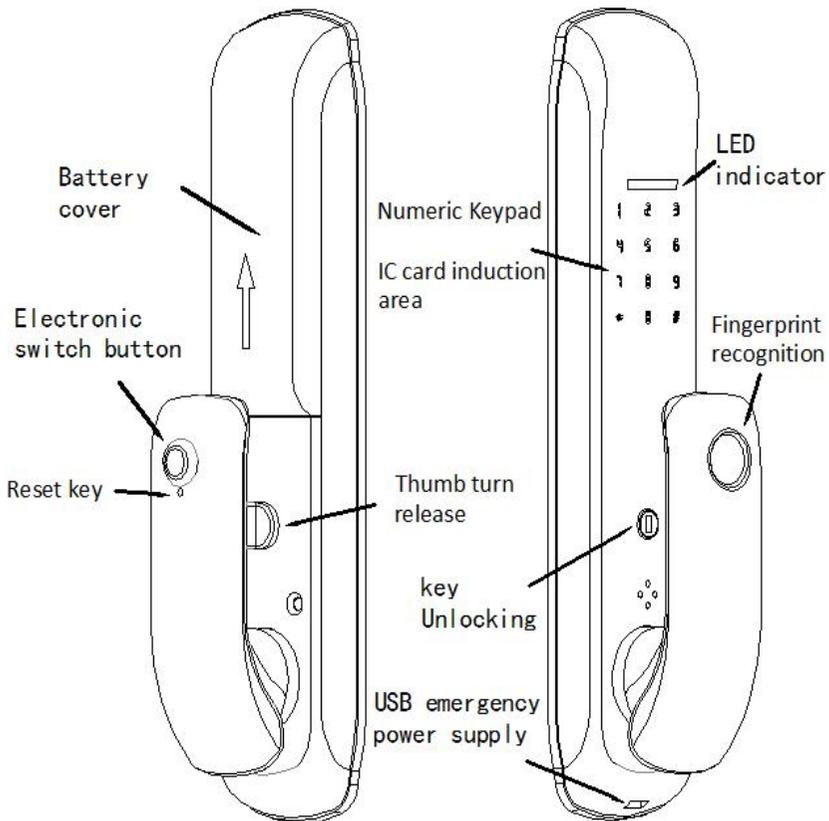
1) Mico USB emergency power interface: you can use power bank for emergence open when the low voltage.

2) On/off key: One click quick unlock.

3) Key Unlock: Use mechanical key to unlock the lock when there is no electricity or electronic failure.

4)Fingerprint recognition: use the registered fingerprint to open the lock.

5) Digital key / IC card induction area: use the registered password or IC card to open the lock.

6)Battery box cover: open the battery box cover to change the battery.

7) Reset key: function setting and initialization.

8)Thumb turn release:no electricity or electronic failure with mechanical key to open the lock.

C, Installation

1)Drilling template: Please follow the template to drill hole first
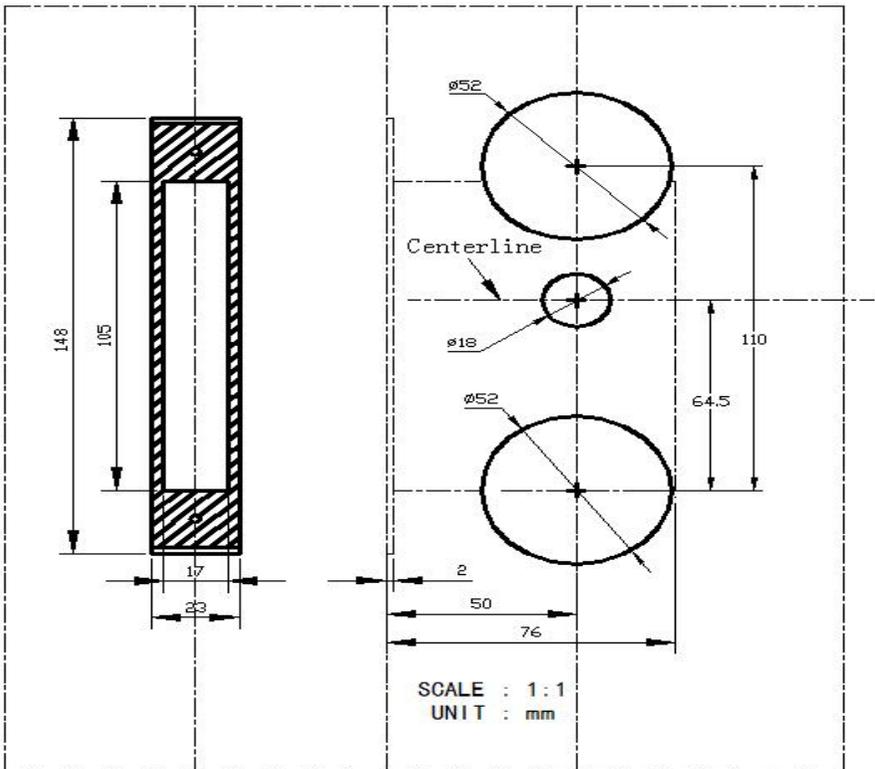
2) Installation mortise: First insert the mortise into the door hole, and then fix the screws, see the figure below.
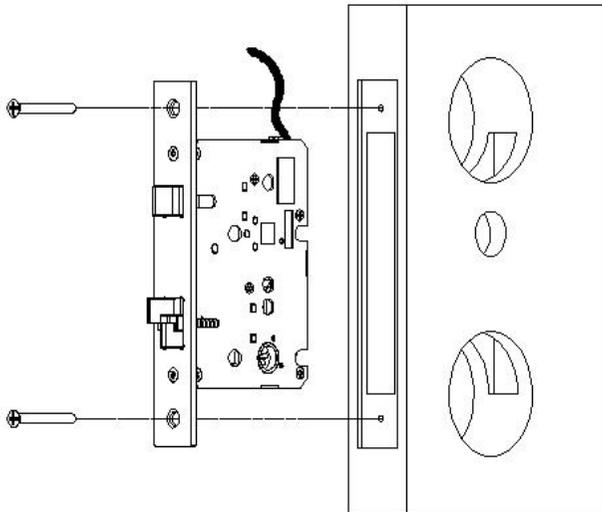
3）Installation of stop screws:
right door open shown in Figure 1 below (Front panel screws fixed in R position, back panel screws fixed in R position);left door open shown in Figure 2 below (Front panel screws fixed in L position, back panel screws fixed in L position)
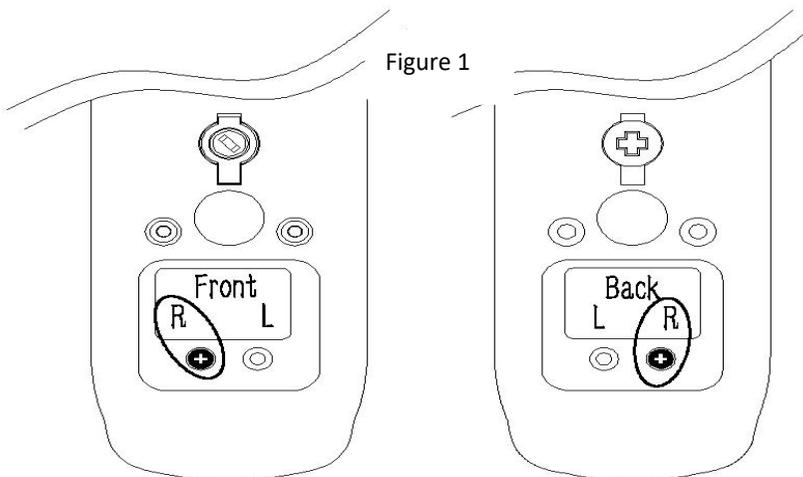

Figure 1
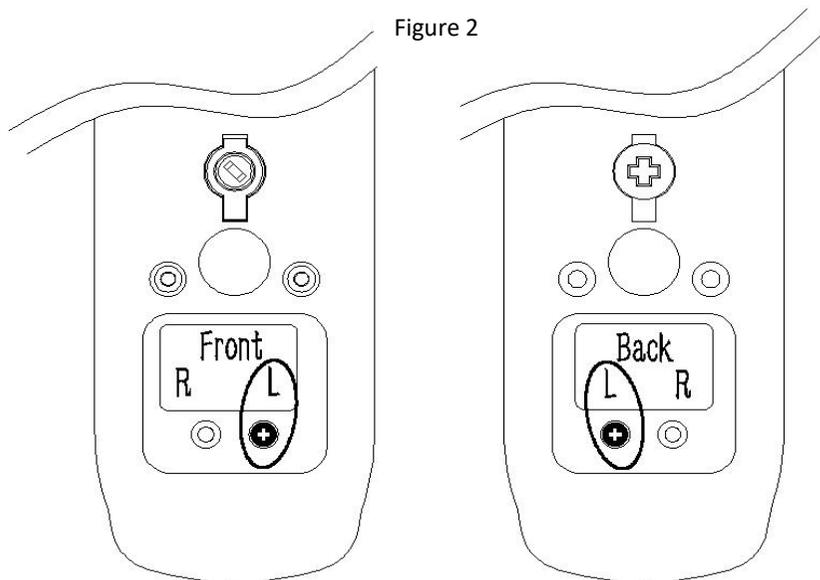
Figure 2

4）Installation nuts: Screw the nut according to the following position, see the position ① screw M4X35, see the position ② screw M5X35.
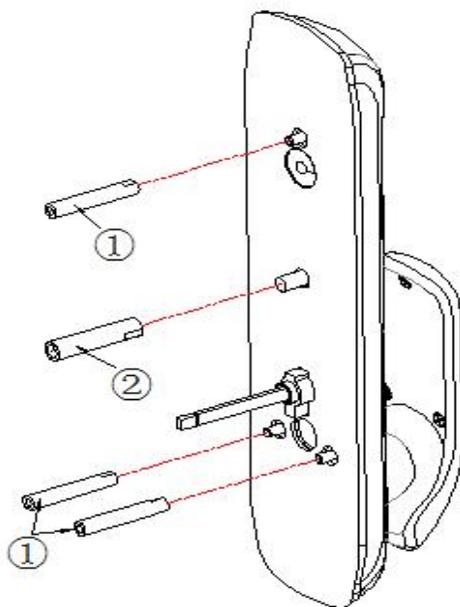
5) Installation of the front panel:

First confirm the opening direction, see Figure 1 below, and then adjust the location of the mortise connection as shown in Figure 2 below, connect the mortise motor cable and insert the nuts into the hole (see Figure 3 below).

Figure 1

Left door   Right door

Figure 2

The connecting piece of the lock cylinder is rotated 45 °, and loaded into the lock body

Figure 3

Go left | Go Right
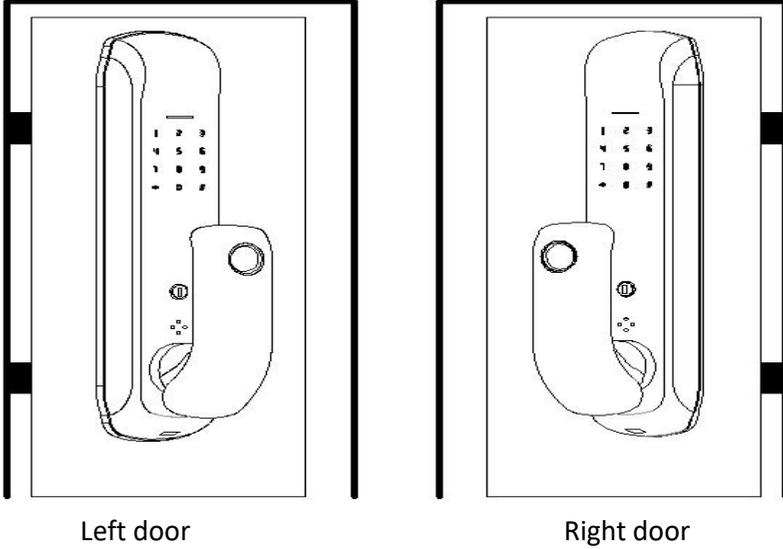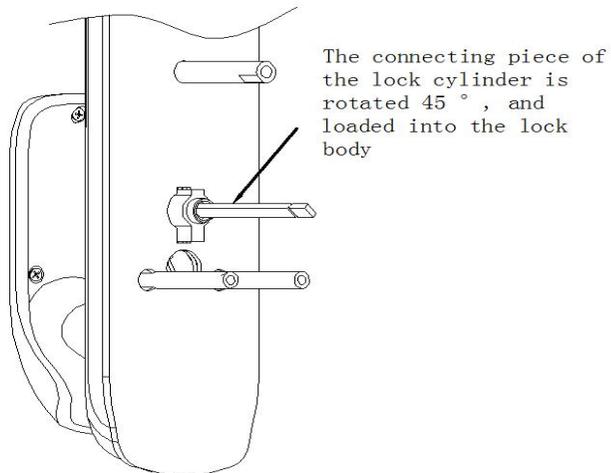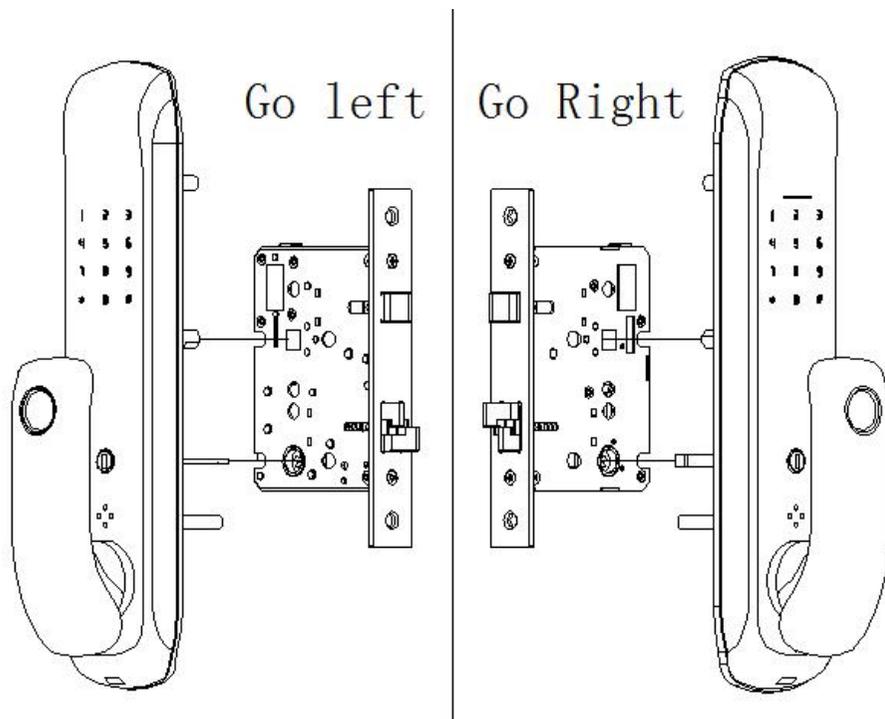
6) installation of the rear panel:

First rotate the handle 90 °, push the battery cover in the direction of the battery cover arrow and remove, connect the cable and install the real panel.

(Note: the flat shaft must insert into the cross hole of the rear panel, do not allowed the phenomenon of falling off)

Check if the mortise can run smoothly before tighten the screws.

Use M4X35mm screws for position ① in the figure below and M4X45mm screws for position ② in the figure below.
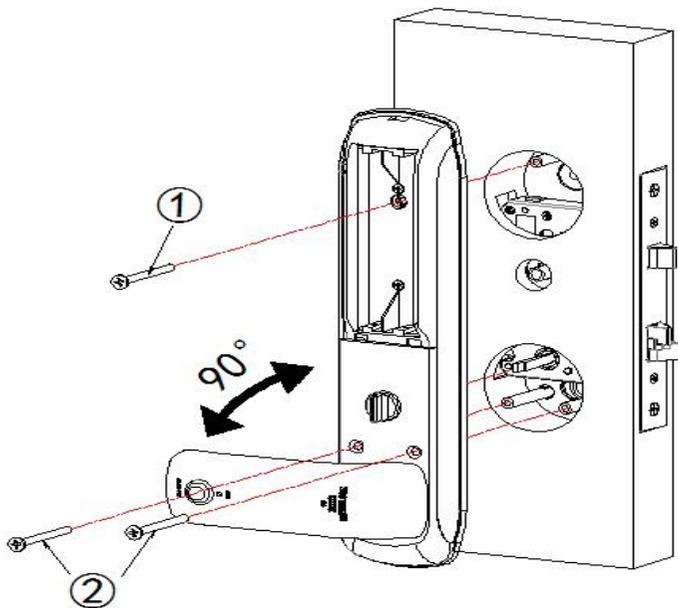
7) Change the battery: press the press mark on the battery cover to open the battery cover, and then install the battery (pay attention to the positive and negative direction of the battery) see the figure below.
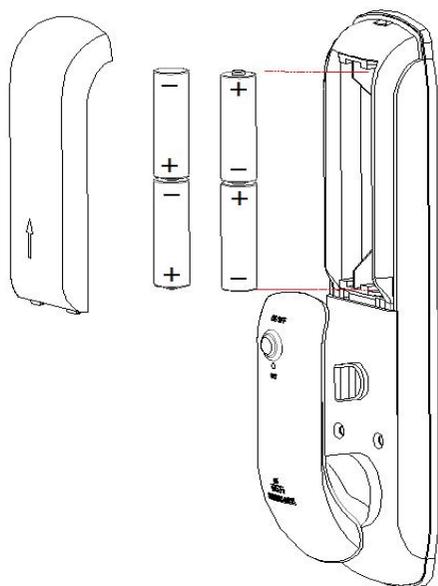
IV. Operating instructions

1. Function key description

1)Administrator information: refers to the administrator's password, mobile phone Bluetooth administrator.

2)Unlock information: refers to the recorded fingerprint, password, IC card, cell phone Bluetooth information (including administrator and ordinary user).

3) "*" key: is the clear key/back key, when entering the password, tap to clear the last input, all deleted, if in add mode, you can exit this mode, all the numbers entered are deleted, then press the * key three times, the screen goes off.

4) "#" key: for the confirmation key.

2. Initial state

1) The initial password of the factory administrator is "123456", the initial state only the password can open the lock, the default off demo mode, not added administrator, the lock enter "24679#" to open the demo mode, demo mode is open. Any fingerprint, IC card and password 123456 can open the lock, set the administrator password or add a cell phone administrator, the demo mode automatically closed.

2) After entering the administrator information, the unrecorded fingerprints, IC cards or passwords can not open the lock.

3. Function operation

Note: When using mobile app management, see APP operation steps, please ignore below steps.

1）Add administrator

In the initialization state　→　when no administrator password is set and no cell phone administrator is added, enter "*12#123456#"　→　enter administrator password#　→　enter the same password# again.

2）Modify administrator password

Enter *12# original administrator password# on the keypad　→　new administrator password#　→　the same new administrator password# again, modify the administrator password successfully.

3）Add normal user fingerprint

Input *80#　→　input administrator password#　→　press your finger on the fingerprint sensor several times according to the voice prompt.

Note: After adding fingerprints successfully, you can continue to add other fingerprints, or press * or wait for the timeout to exit the adding mode.

4) Delete the common user fingerprint

Enter *70# Admin Password# on the lock to delete all fingerprints.

5) Add normal user password

Enter *80# on the lock →Enter the administrator password# →Enter the new password# to be added →Enter the same password# again.

6）Delete normal user password

Enter *71# administrator password# on the lock to delete all unlocking passwords (administrator password is not deleted).

7) Modify the normal user password

Enter *10# original password # new password # new password # modify password on the lock (administrator password modification, please use *12#)

8) Add normal user IC proximity card

Enter *80# on the lock → enter the administrator password# and then swipe the card to add it.

9) Delete normal user IC card

Enter *69# administrator password# on the lock to delete all IC cards.

4. Reset the default settings

Long press the reset button, the voice announces "Please enter the initialization password", enter 000#, the lock restores the factory settings, clear all fingerprints, passwords, cards and phone administrator → initialization successfully.

5. APP operation instructions

(Note: Bluetooth connection, the lock can not be under double lock state).

App can be downloaded through the "App Store", you can also scan the QR code to download. (Note: There are cloud servers in Ali cloud and Amazon cloud)

Sciener TTLock   Sciener   TTRenting

1、 **Install APP**

1) Search for Sciener, TTLock and TTrenting in App store, choose one to download APP and install it.

2) Register and login with your cell phone number.

Note: The Bluetooth connection must be operated within the valid Bluetooth area close to the lock.

2、 Add cell phone administrator

If you do not set the administrator password or add the mobile phone administrator, touch the bright panel and hear "Please add the cell phone (Bluetooth) administrator", find the Bluetooth device in the main interface of the App add button and click on it to finish adding and using the device according to the instructions.

After setting the administrator password or adding mobile phone administrator, you can enter *83#admin password# on the lock to make the lock enter the mode of adding cell phone administrator again and allow other app accounts to add this lock and become the new administrator.

Note: After a new App account adds an administrator, this lock under the previous account will be automatically deleted, which means that only one mobile administrator is allowed to exist.

3、 Modify administrator password

Select Lock -> Click Settings -> Click Basic Information -> Click "Administrator Unlock Password" -> Enter the new administrator password.

4、 Remove cell phone administrator

Select the lock that you want to delete the cell phone administrator on the App, click Settings, and click Delete.

Note: After deleting the administrator on the App, the lock will be restored to factory settings and all the fingerprints, passwords and cards added before will be invalid.

5、 Add fingerprint

Click "Fingerprint" -> Add fingerprint -> Enter fingerprint name and expiration date -> Click Next -> Click Start to add -> Press finger on the fingerprint collector several times according to the phone screen and voice prompt.

6、 Delete fingerprints

Click the fingerprint on the app -> click the fingerprint that needs to be deleted -> click Delete. Note: You must operate close to the lock.

7、 Rename fingerprint

Click "Fingerprint" on the app -> click the fingerprint you want to rename -> click the name -> enter the new name

8、Modify the expiration date of the fingerprint

Click "Fingerprint" on the app -> click the fingerprint you want to modify the expiration date -> click the expiration date -> enter the new expiration date -> click save

Note: After setting the expiration date, the fingerprint can only be unlocked within the specified expiration date.

9、Add password

Click "Get Password" on the app -> select the password type: Custom -> select the expiration date -> click Set Password -> enter the password you need to add

Note: "Custom" password must be operated close to the lock.

Click "Get Password" on the App -> Select Password Type: Permanent / Expiration / Single / Empty / Recurring -> Click Get Password

Note: These types of passwords do not need to be operated close to the lock

Clear password is used to delete all the passwords that are already registered on the lock.

10、Delete password

Click "Password Management" on the app -> click the password you want to delete -> click Delete.

Note: must be operated close to the lock.

11、Modify password

Click "Password Management" -> click the password you want to change -> click Password -> enter the new password.

Note: must be operated close to the lock.

12、Rename password

Click "Password Management" on the app -> click the password you want to rename -> click the name -> enter the new name.

13、Modify the password expiration date

Click "Password Management" -> click the password you want to modify the expiration date -> click the expiration date -> enter the new expiration date -> click Save.

Note: must be operated close to the lock.

14、Add IC card

Click "IC card" -> Add IC card -> Enter the name and select the expiration date -> Click to confirm, then swipe the card to add.

Note: must be operated close to the lock.

15、Delete IC card

Click "IC card" on the app -> click the card you want to delete -> click delete.

Note: must be operated close to the lock.

16、Rename IC card

Click "IC card" -> click the IC card you want to rename -> click the name -> enter the new name.

17、Modify IC card expiration date

Click "IC card" -> click the IC card you want to modify the expiration date -> click the expiration date -> enter the new expiration date -> click save.

Note: must be operated close to the lock.

18、Remove the Non-working lock on the App

  Click settings on the APP, click transfer smart lock, then select the smart lock to be removed, Click next, click remove bad lock, click confirm according to the phone prompt operation.

19、Unlock

1), App unlocking: Click the lock icon on the App to unlock.

Note: must be unlocked on the lock side, when there is NB, you can also open the remote unlock function on the lock, remote unlocking (remote unlocking default off).

2), IC card unlock: IC card has been added to the card area to open the lock.

3), fingerprint unlock: press the finger on the fingerprint collector has been added to open the lock.

4), password unlock: enter the unlocking password on the password keyboard and press # key to unlock.

Note: During password input, you can press the * key to delete the last number entered.

        The default unlock password is 123456 when no administrator is added.

20、Lockout

After unlocking, 5 seconds timeout automatically latch (except temporary normally open).

Normally open mode, long press the # button to close the lock.

21、Passage mode

1), temporary passage mode: after unlocking (before locking), enter 123#, the lock is in passage mode, and resume the locking state after the timeout again.

2), Passage mode: click on the setting, click on the passage mode, the lock will remain open after being opened within the set normally open time until it is manually closed.

22、Check the unlocking record

1) Select the door lock on the App and click on the operation record to view.

Note: When there is no gateway, the unlocking record of fingerprint/IC card/password can only be viewed after unlocking through the App.

2) Click a fingerprint/IC card/password on the App, click operation record to view all records of this fingerprint/IC card/password.

23、Virtual Password

You can add other numbers before and after entering the correct password on the lock, and the total length of the virtual password is 16 bits.

24、Low battery alert

1) When the battery voltage is lower than 4.8V, the panel will be illuminated and the voice will prompt "low battery, please replace the battery", while the screen backlight will flash rapidly for 1 second.

2), fingerprint / IC card / password before opening the lock, voice prompts "low battery, please replace the battery", and then open the lock.

25、*Key

During password input, press the * button once to delete the last entered password digits, after all the digits are deleted, if you are in add mode, you can exit this mode, after all the entered digits are deleted, press the * button three times, the screen goes off.

26、Firmware upgrade

Lock can be firmware upgraded through the app, click Settings->Lock Upgrade on the app to upgrade the lock to the new firmware.

Note: Must be operated on the lock side.

27、Demo mode

Default off demo mode, not added administrator, lock enter 24679#, open demo mode, demo mode open, any fingerprint and password 123456 can open the lock, set the administrator password or add the phone administrator after the demo mode automatically closed.

28、Voice switching

Chinese voice: enter "*39#admin password#1#" on the lock.

English voice: enter "*39# administrator password #2#" on the lock.

Note: The administrator password is replaced by 123456 when the administrator is not added.

29、Lock sound

You can turn off the lock sound via App. When the lock sound is turned off, the screen will flash when the key is touched to alert the user that the key has been pressed.

30、Reset button

After closing via App, the reset button is invalid lock, it can only be re-added after being deleted through the App.

After opening via App, you can long press the reset button on the lock to use to re-add with the APP.

V. Other instructions

1)If you enter wrong password more than 5 times continuously, the system will be blocked for 2 minutes, and the system cannot be operated in any way within 2 minutes.

2) Password anti-peep function: password to open the door by entering the password as follows: XXX password XXX; you can add some irrelevant codes before and after the password, and then press # to confirm. The password must be included in the content entered.

3) Each operation for more than 10 seconds without operation action system will automatically exit.

4)The voltage is lower than 4.8V after each unlocking will automatically alarm, the door lock can be unlocked 200 times after the alarm, more than the number of times each unlocking delay of 5 seconds, be sure to replace the new battery before the number of unlocking.

VII. Technical parameters

Technical parameters			
No	Functions	Parameters	Remark
1	Static current	≤90uA	
2	Dynamic current	≤250mA	
3	Number of Administrators	9 groups	
4	Number of fingerprints	110 groups	
5	Fingerprint + Password + Card Capacity	300 groups	
6	Fingerprint Sensor	Semi-Conductor	
7	Fingerprint recognition time	≤0.6S	
8	Fingerprint identification angle	360 degree	
9	Rejection rate	≤0.1%	

10	Recognition rate	⩽0.0001%	
11	Response time	⩽0.1S	
12	Power Type	6V	
13	Emergency power supply	5VDC	
14	Working Temperature	−10℃~55℃	
15	Working Relative Humidity	20%~90%RH	
16	Voice guidance	Yes	
17	Keypad	Touch standard 12-bit keyboard	
18	Password length	6 bits	
19	Virtual Password	16 bits	
20	Low voltage alarm voltage	4.8±0.2V	
21	Unlocking time	⩽1S	

VIII. Packing list

Name	QTY	Name	Qty
Front Panel Components	1pc	Rear Panel	1 set
Silicone pad	2pcs	Key	2 pc
M4X35 screws	1pc	Pin	1pc
M4X45 screws	2pcs	User manual	1pc
Certificate of Conformity	1pc	Mortise	1pc
USB cable line(optional)	1pc	Plate case	2pc
Buckle plate	2pcs	Nut Φ8x35	1pc
4X20 screws	6pcs	Nut Φ6x35	3 pcs
IC Card	2pcs	5#Battery optional	4 pcs

IX. Dimension of panel

61

61

261

261

57

57