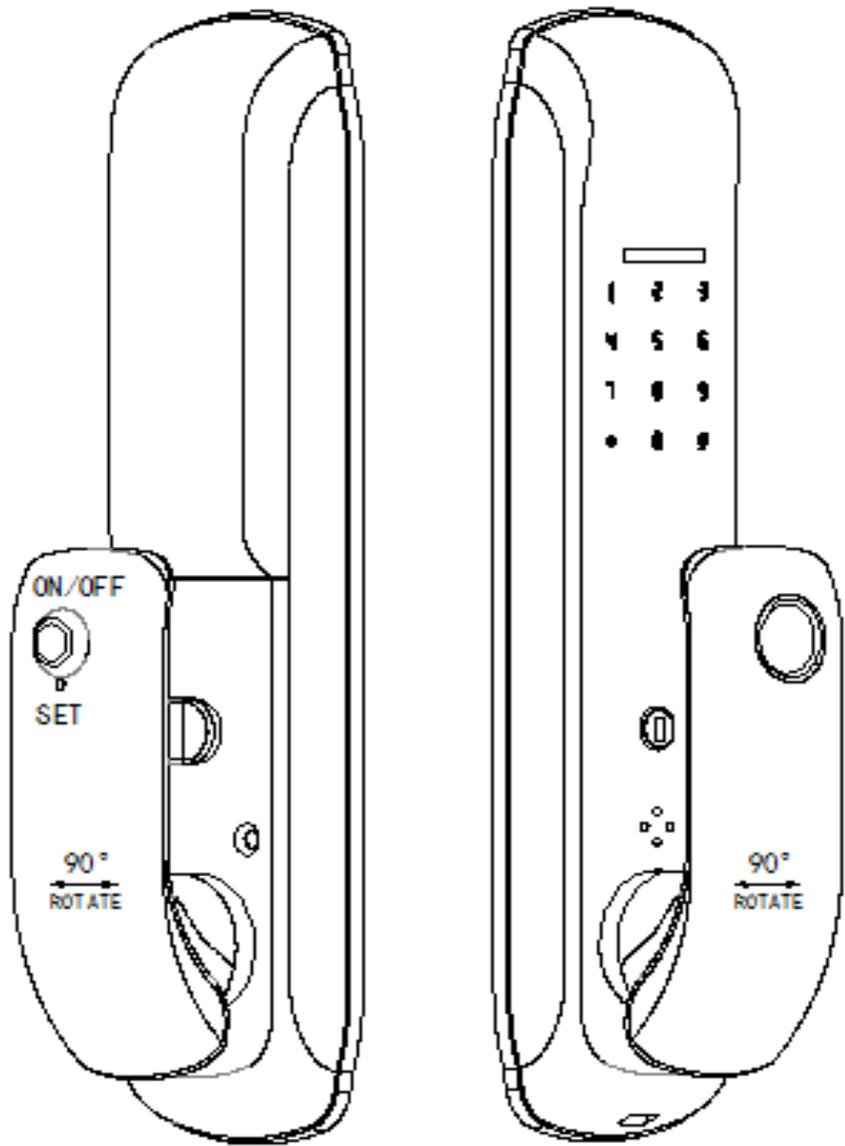


User Manual

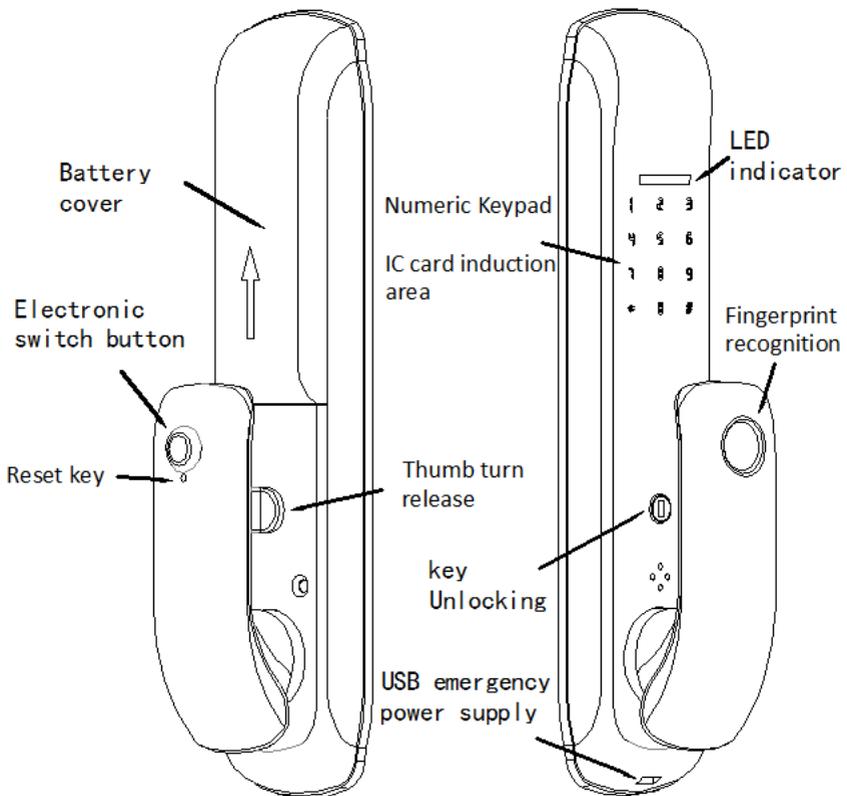


A0-TY-WiFi/BLE

I : Product features

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

II : Product functions

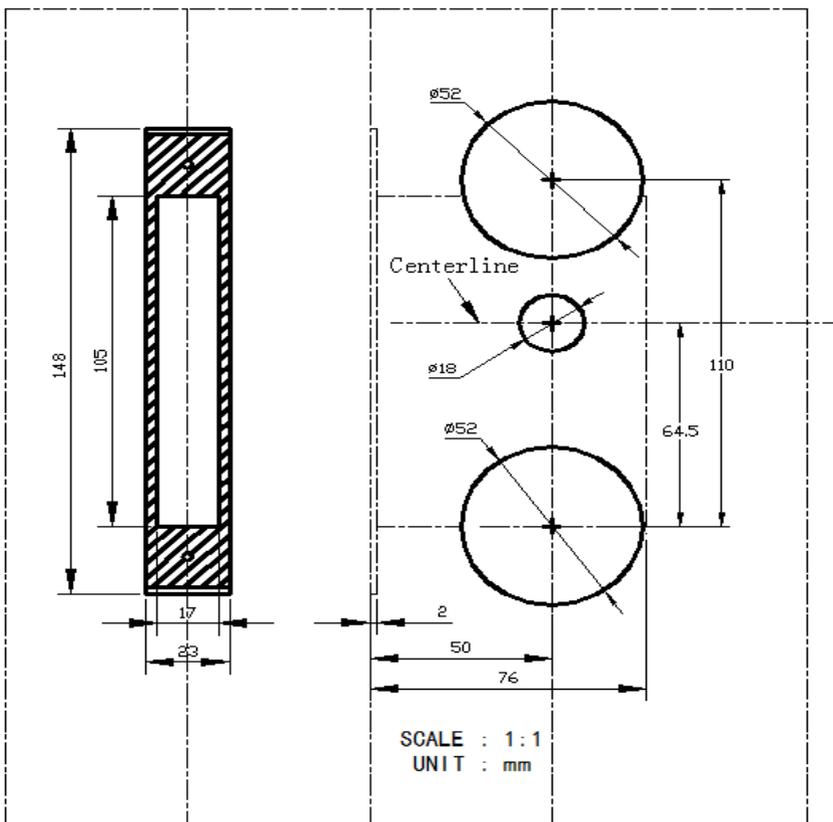


- 1) Mico USB emergency power interface: you can use power bank for emergency open when the low voltage.

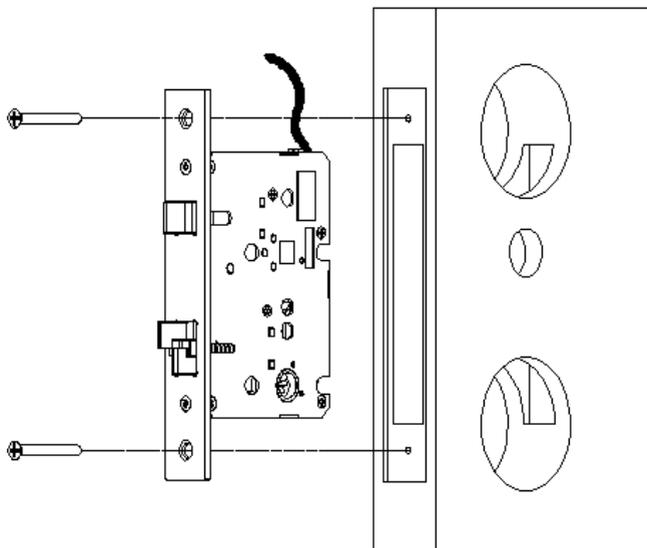
- 2) On/off key: One click quick unlock.
- 3) Key Unlock: Use mechanical key to unlock the lock when there is no electricity or electronic failure.
- 4) Fingerprint recognition: use the registered fingerprint to open the lock.
- 5) Digital key / IC card induction area: use the registered password or 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.

III: Installation

- 1) Drilling template: Please follow the template to drill hole first



2) Installation mortise: First insert the mortise into the door hole, 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)

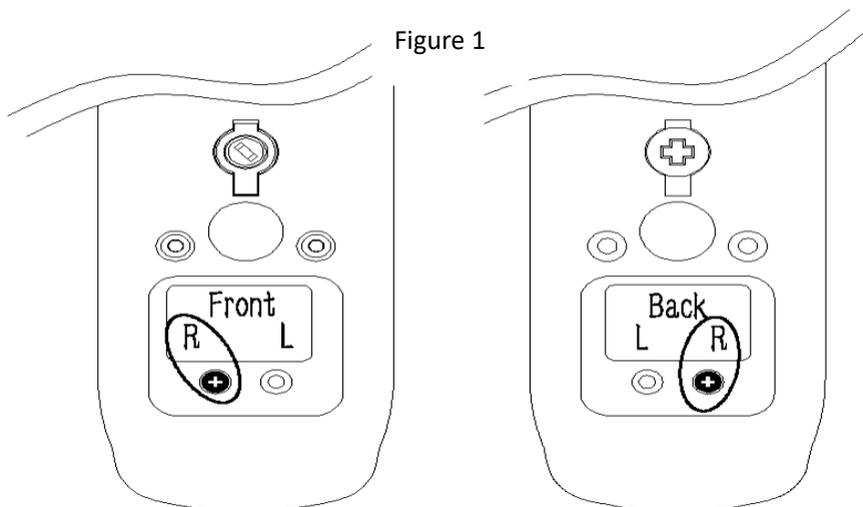
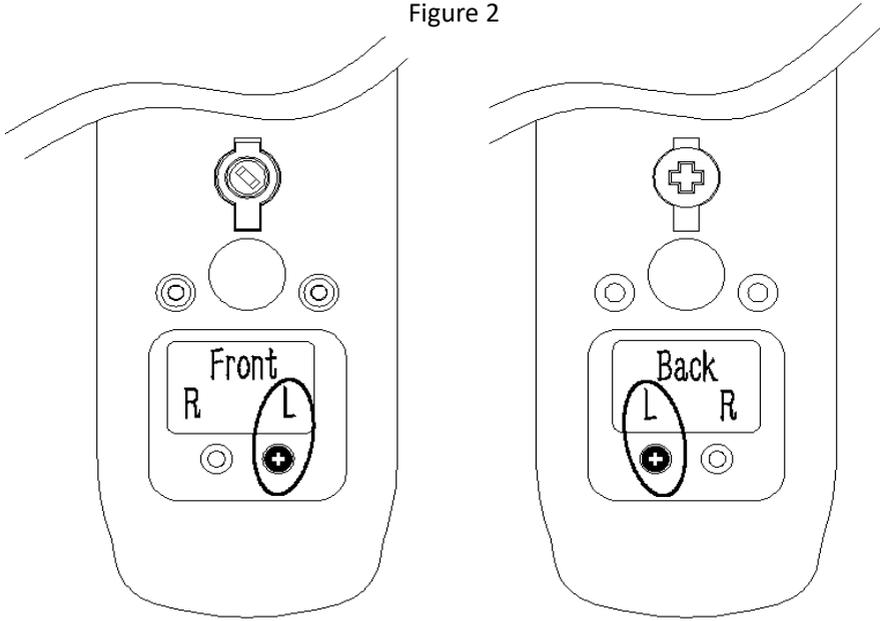
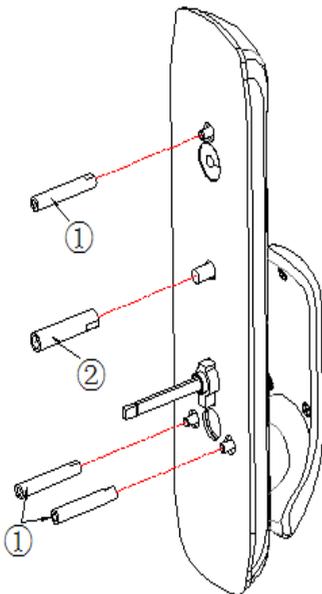


Figure 2



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

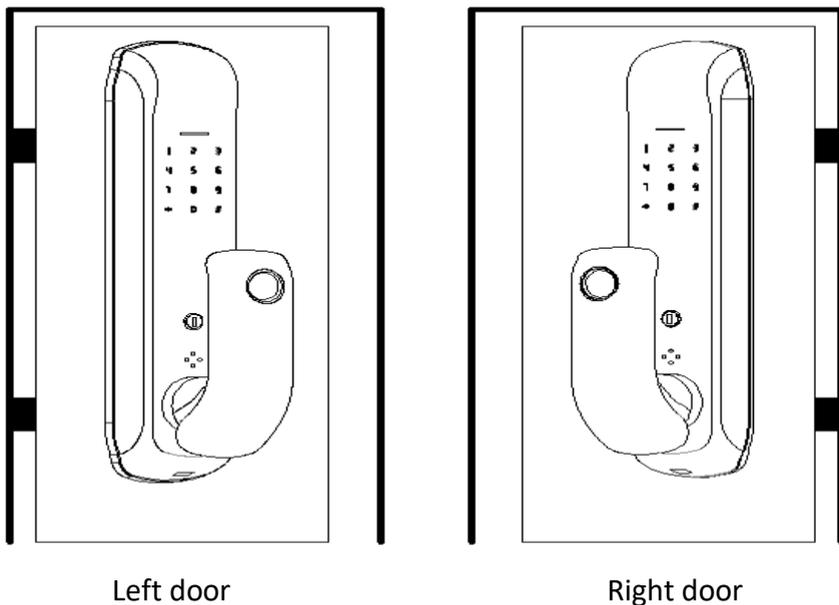


Figure 2

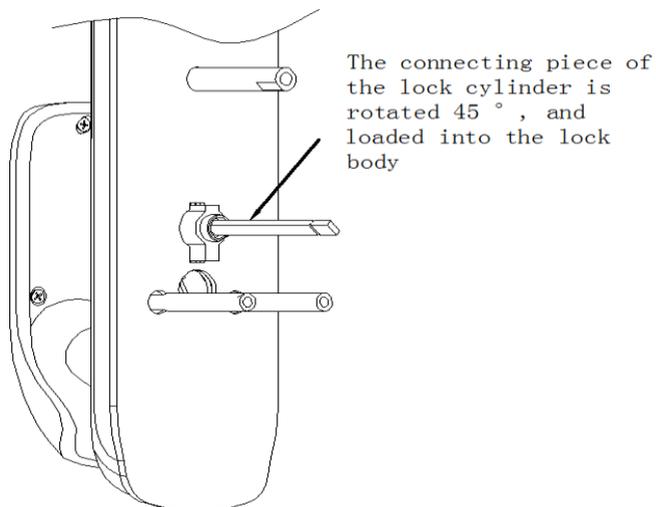
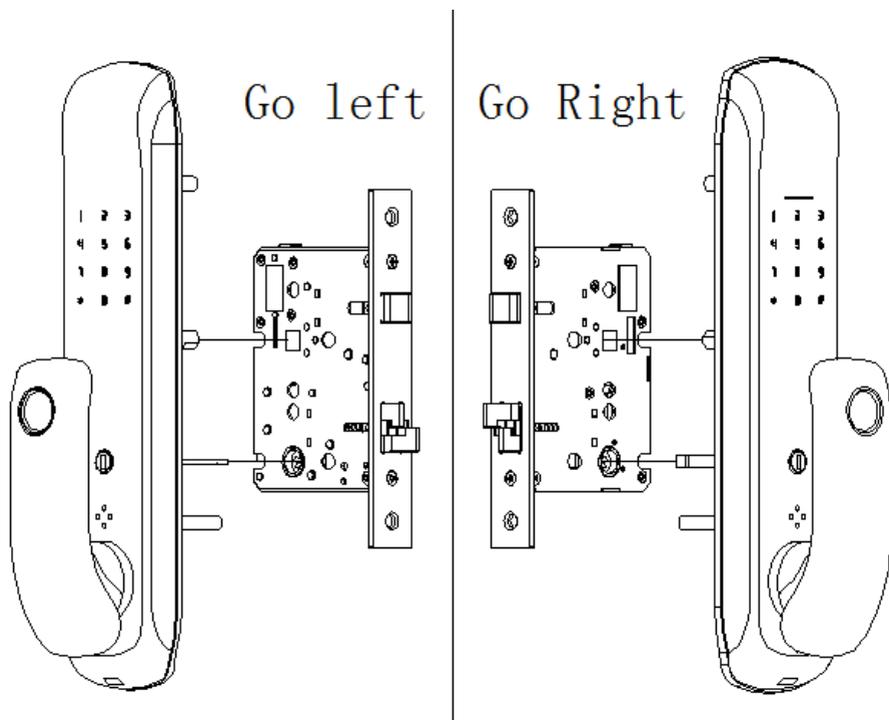


Figure 3



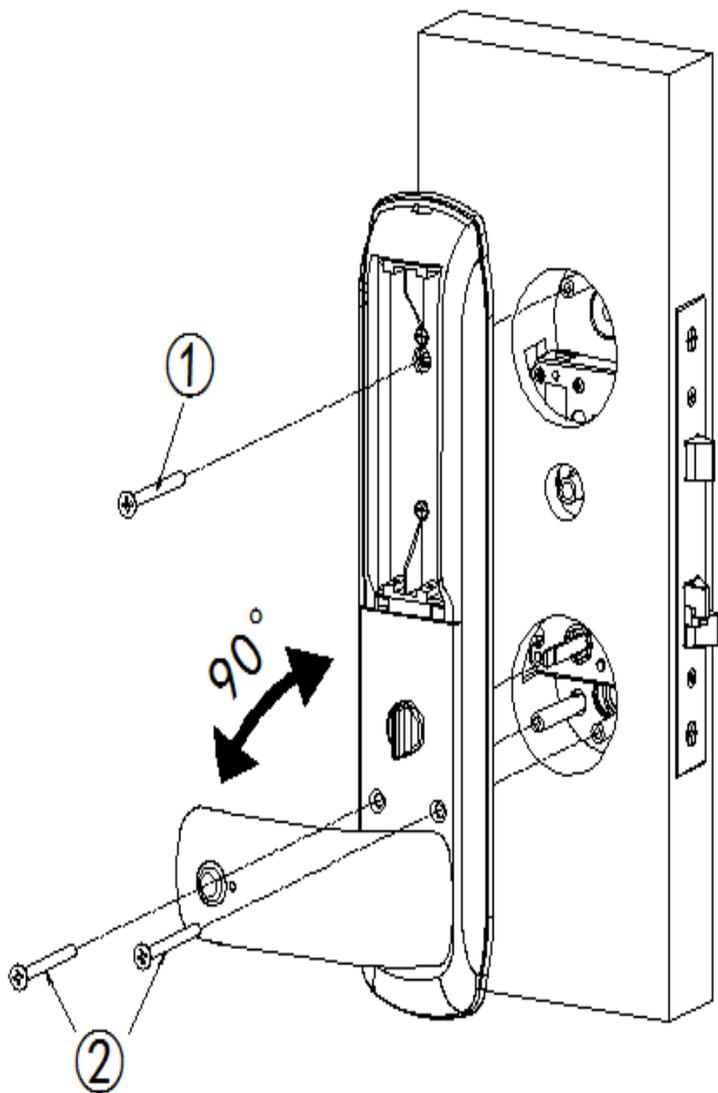
6) installation of the rear panel:

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 rear panel.

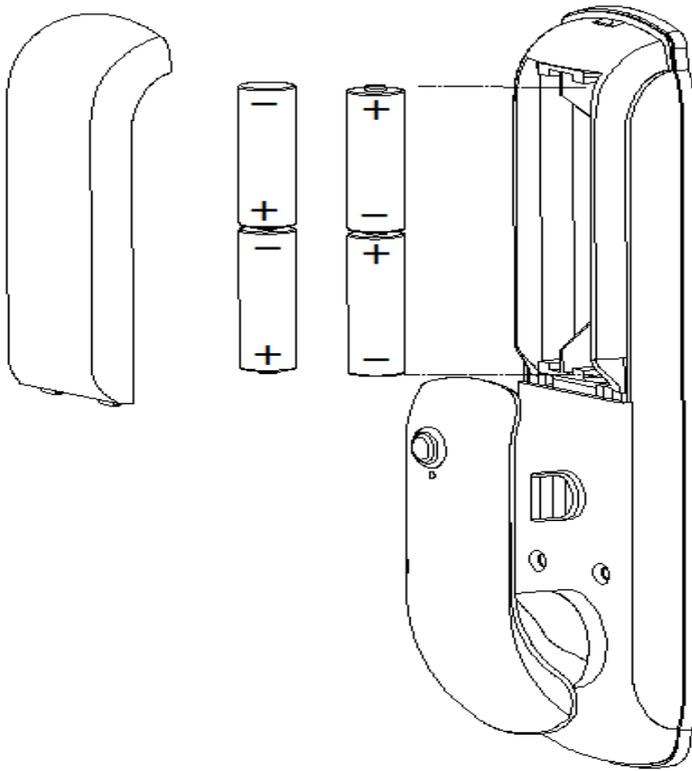
(Note: the flat shaft must insert into the cross hole of the rear panel, do not allowed the phenomenon of falling off)

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

Use M4X35 screws for position ① in the figure below and M4X45 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. Three, operation instructions

1. Function key description

1.1 Administrator information: refers to the administrator's fingerprint, password or IC card.

1.2 Unlock information: refers to the recorded fingerprint, password or IC card information (including administrator and ordinary user).

1.3 "*" key: for backward key.

1.4 "#" key: for the confirmation key or into the menu function key.

2. Initial state

2.1 The initial password of the factory administrator is "123456", and any fingerprint, IC card or password can be used to open the lock in the initial state.

2.2 After entering the administrator information, the unrecorded fingerprint, IC card or password can not open the lock.

3. Enter the door lock function management (Step 1)

In the initialization state, touch the digital button area, then press "*" and then "#"
→ voice announcement: "Please verify the administrator information" (input 123456#) → successful operation After the operation, the voice prompts the

operation.

4. Function menu

4.1 Adding user info

Enter the door lock function management (Step 1) → Voice promotion:

1. Add user; 2.Remove user; 3.Passage mode; 4.Silent mode; 5.Time setting; 6.Add network; 7.Remove network. → Press "1" voice announcement: Please input the unlocking user, enter fingerprint or password or IC induction card (fingerprint entry 4 times, password entry 6 digits 2 times xxxxxx#, IC card entry 1 time) after successful entry can continue to enter other users, note: the number system automatically sequential arrangement, the first 3 groups of users are administrators (default) No. 001/002/003/).

4.2 Deleting user info

Enter the door lock function setting (Step 1) → Voice promotion: 1.Add user; 2.Delete user; 3.passage mode; 4.Silent mode; 5.Time setting; 6.Add network; 7.Delete network. → Press "2" voice announcement: Please enter the deletion number, enter 001# to delete 001 number, voice prompts successful operation.

Note:Verified administrator password cannot be deleted. For example, enter the menu verified administrator is 001#, then 001# can not be deleted.

4.3 Passage mode

4.3.1 Permanent Passage mode on/off: Enter the door lock function setting (step 1) → Voice promotion: 1.Add user; 2.Remove user; 3.Passage mode; 4.Silent mode; 5.Time setting; 6.Add network; 7.Remove network. → Press "3", voice announcement:passage mode is on or passage mode is off.

4.3.2 Temporary passage mode on/off: After the lock is opened by fingerprint or password or IC card, press * key → voice announcement: please pay attention to close the lock in passage mode, then open the lock by fingerprint or password or IC card, the temporary passage mode will be canceled automatically.

4.4) Silent mode

Enter the door lock function setting (Step 1) → Voice promotion: 1.Add user; 2.Delete user; 3.passage mode; 4.Silent mode; 5.Time setting; 6.Add network; 7.Delete network. →Press "4", voice announcement: Mute is on or Mute is off.
Note: After the silent mode is turned on, every time you open the lock, it will be silent.

4.5) Time setting

Enter the door lock function setting (Step 1) → Voice promotion: 1.Add user; 2.Remove user; 3. passage mode; 4.Silent mode; 5.Time setting; 6.Add network; 7.Remove network. →For example, if the time is set at 15:04:32 on August 24, 2020, you only need to set 20 in the year of 2020, enter the number 20 08 24 15 04 32 in the keyboard, after the setting is finished,press # to confirm, and the system will automatically exit.

4.6) Add network

Check APP with network (Tuya Smart WIFI).

(4.7) Delete network

Enter the door lock function setting (Step 1) → Voice promotion: 1.Add user; 2.Delete user; 3.passage mode; 4.Silent mode; 5.Time setting; 6.Add network; 7.Delete network. → Press "7", voice announcement: Please press * key to return, press # key to confirm, press # key, voice promotion: operation is successful.

5. Default settings

Long press the function setting key for 10 seconds→Initialize successfully in the initial state, enter "555666888#" to switch the language, support both Chinese and English.

6. APP with network (Tuya Smart WIFI)

First, you have to add at least one administrator and then press the following operation

(Note: the anti-lock button cannot be in the anti-lock state).

Add network

6.1 Search "Tuya Smart" in App store to download the APP and install it.

6.2 Register and login with your cell phone number.

6.3 Add the device according to the "Tuya Smart" interface and find the "Security Monitoring" record "Door Lock Wi-Fi" and click on it to finish adding the device and use it.

6.4 locks first press "*" and then press "#" to verify the success of the administrator, voice

promotion: 1.add users; 2,.delete users; 3.passage mode; 4.silent mode; 5.time settings; 6. add network; 7.delete network. → Press "6", voice promotion: 1 hot spot connection, 2 smart connection → Press "2". Voice promotion: operation is successful.

Note: Add successful voice promotion: operation success, add failed voice promotion: operation failure

6.5 Wake up the panel and enter "9#" to connect the network.

7. APP with Bluetooth (Tuya Smart Bluetooth)

Add Bluetooth

7.1 Search "Tuya Smart" in App store or app store to download the APP and install it.

7.2 Register and login with your cell phone number.

7.3 Add the device according to the interface of "Tuya Smart" and find "Security Monitoring" and record "Door Lock Bluetooth" and click on it to finish adding and using the device.

7.4 Bluetooth version operation according to the cell phone APP interface prompts operation different from the fourth operation instructions.

IV. Other instructions

1) Continuous input of wrong password more than 5 times, the keyboard is locked for 120 seconds, the system does not respond to any operation within 120 seconds.

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 each unlocking will automatically alarm, the door lock can be unlocked 200 times after the alarm, each unlocking delay of 5 seconds after 200 times alarm, Please replace new batteries in time.

V : Technical parameters

Technical parameters			
No	Functions	Parameters	Remark
1	Static current	$\leq 50\mu\text{A}$	Routine/WiFi
2	Static average current	$\leq 90\mu\text{A}$	Bluetooth
3	Dynamic current	$\leq 200\text{mA}$	
4	Number of Administrators	3 groups	
5	Fingerprint + Password + Card Capacity	250 groups	Routine/WiFi
6	Fingerprint + Password + Card Capacity	100 groups	Bluetooth

7	Fingerprint Sensor	Semi-Conductor	
8	Fingerprint recognition time	$\leq 0.6S$	
9	Fingerprint identification angle	360 degree	
10	Rejection rate	$\leq 0.1\%$	
11	Recognition rate	$\leq 0.0001\%$	
12	Response time	$\leq 0.1S$	
13	Power Type	6V	
14	Emergency power supply	5VDC	
15	Working Temperature	-10°C~55°C	
16	Working Relative Humidity	20%~90%RH	
17	Voice guidance	Yes	
18	Keypad	Touch standard 12-bit keyboard	
19	Password length	6 bits	
20	Virtual Password	16 bits	
21	Low voltage alarm voltage	4.8±0.2V	
22	Unlocking time	$\leq 1S$	

VI: 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 $\Phi 8 \times 35$	1pc
4X20 screws	6pcs	Nut $\Phi 6 \times 35$	3 pcs
IC Card	2pcs	5#Battery optional	4 pcs

VII: Dimension of panel

