

A7x USER MANUAL

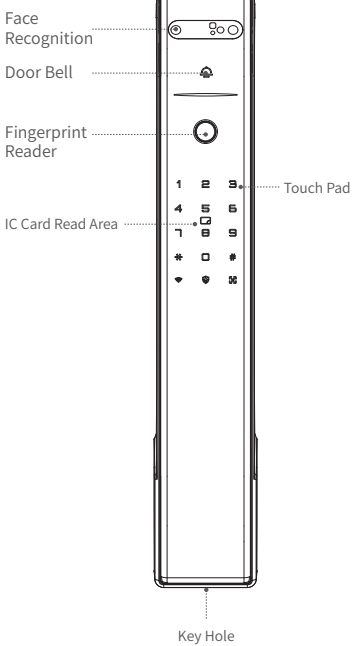
A7x Smart Lock

Thanks for choosing our A7x smart lock. Please check the user manual carefully before operation and installation.

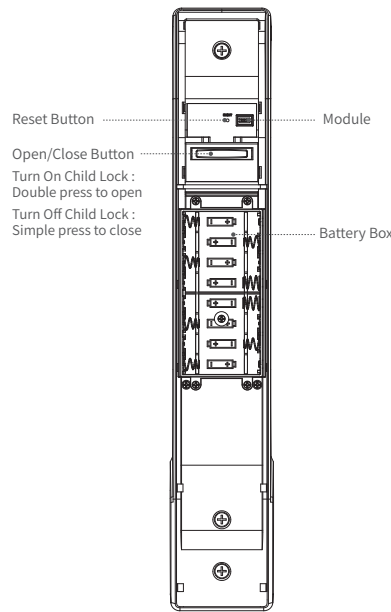
Features	
⑥	6 unlocking ways
Ⓒ	Top C grade cylinder
👤	Biometric fingerprint reader
🔑	Virtual password
🔒	Anti-theft mortise(Built-in cylinder)
🔊	Low battery alarm
🔌	Emergency power supply
🔒	Password protection
🗣️	Voice prompts
📶	Bluetooth Tuya App
👁️	Face recognition

Basic Specification		
User Capacity	99	
Unlocking Way	Fingerprint + Password + Card + Mechanical Key + Bluetooth Tuya App + Face Recognition	
Operation System	Classic Voice Prompt	
Power	Battery	8PCS* AA Alkaline Battery
	Emergency Power	5V , USB
	Alarming Voltage	<4.8V
Material	Plates	Zinc Alloy
	Mortise Lock	Stainless Steel
Working Environment	Material	ABS+PET
	Temperature	-20°C-80°C
	Humidity	20%-90%
Electric Character	Static Current	≤100μA
	Dynamic Current	≤300mA

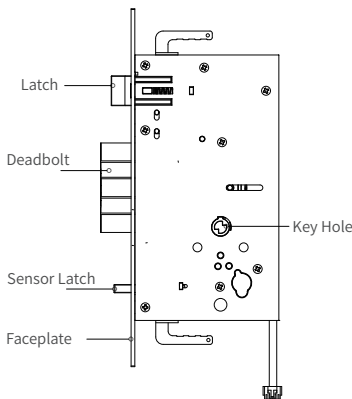
Front panel



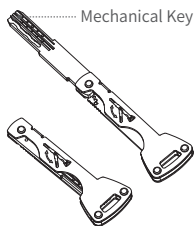
Back panel



T6068F Mortise Lock

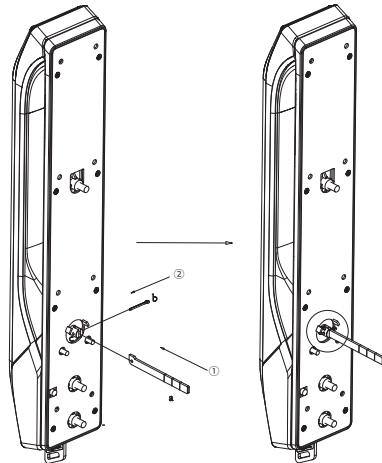
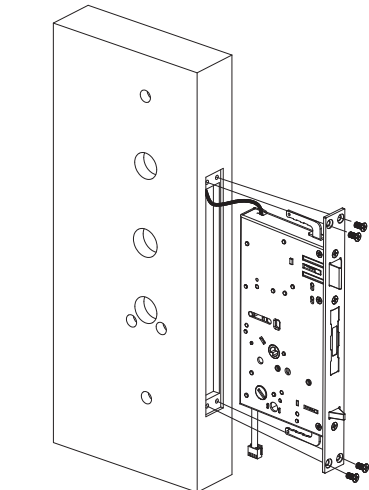


Mechanical key



Packing List

ITEM	QUANTITY
Front Panel	①
Back Panel	①
Accessories	①
User Manual	①
Template	①
Cylinder lock	①



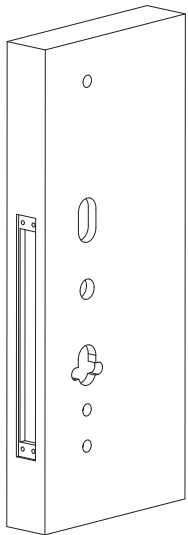
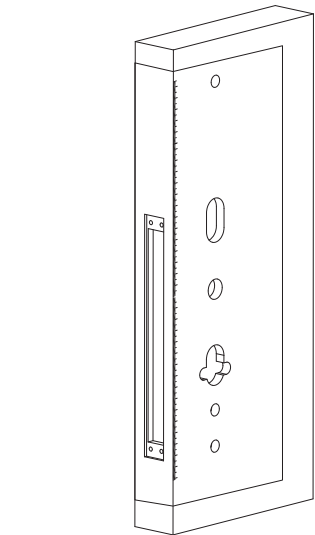
③ Insert the suitable mortise into the door and use 4 pcs of M5*10 crosshead screws to fix the mortise. (ST4.2*25 self-tapping counter sunk screws for Wooden Door).

④ Transmission rod should be on the panel center line before installing front panel as shown above. Please use a key to adjust the transmission rod to the position as shown above.

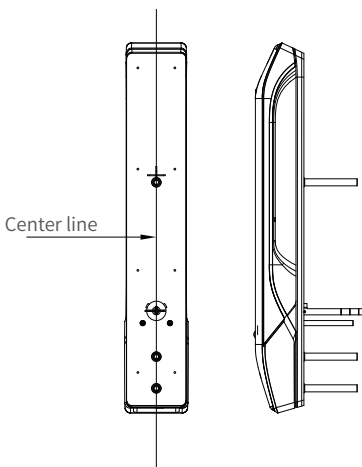
Installation Steps

① Drawing lines on the door as the template marked, the suggested distance between handle and the floor is 1m--1.2 m.

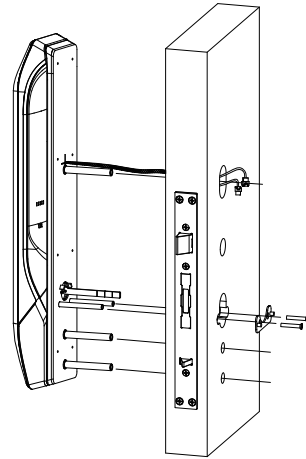
② Drilling holes as Template required.



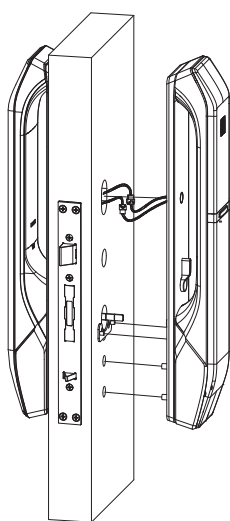
⑤ Install 5pcs threaded sleeves on the front panel; Thread the front panel wire through the top hole; Make sure the transmission rod and fixing rod through the mortise. Fix the front panel with the inside iron spacing piece with 2 screws



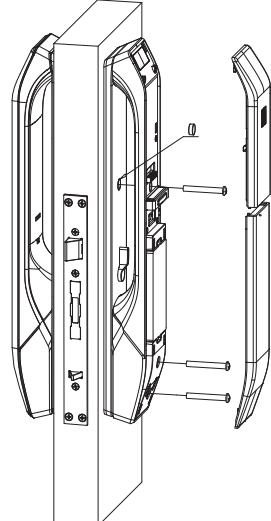
⑥ Insert the front panel wire and mortise wire to the corresponding sockets of circuit board on back panel.. The 2 holes on the back panel need to align with the Columns of the iron spacing piece to fix the back panel



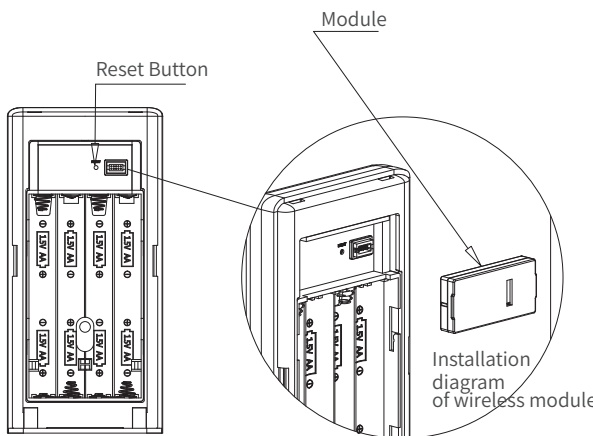
⑦ Insert transmission rods into the lock (as shown), then install the back panel on the door. Use screws 3 to fasten back panel with front panel through the hole in battery box. Then 2 screws 1 fix the front panel from the bottom of the back panel. At last put into 8 * 1.5V alkaline batteries and cover them. Note: Please check whether the manual knob can be used normally before fastening back panel and front panel with screws.



⑧ Insert the rubber stopper 1 to the handle cover hole and rubber stopper 2 to the back panel hole. Inspection items: 1. Open the door and keep pressing the sensor latch, checking whether the deadbolt can release or not and whether the mortise lock can work normally when pressing the Close&Open button. 2. Unlock the door by inside mechanical knob 3. Unlock the door by mechanical key.

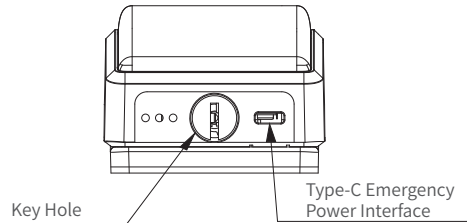


9A After installation , rebind the front panel and back panel via inserting one pin to the reset hole and keep pressing it 3-4s until hearing " DIDI" twice.



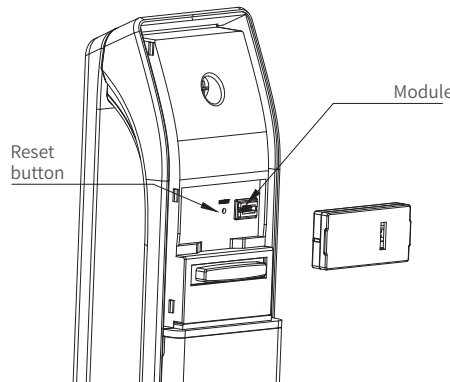
Instructions

Emergency Power Supply And Reboot System



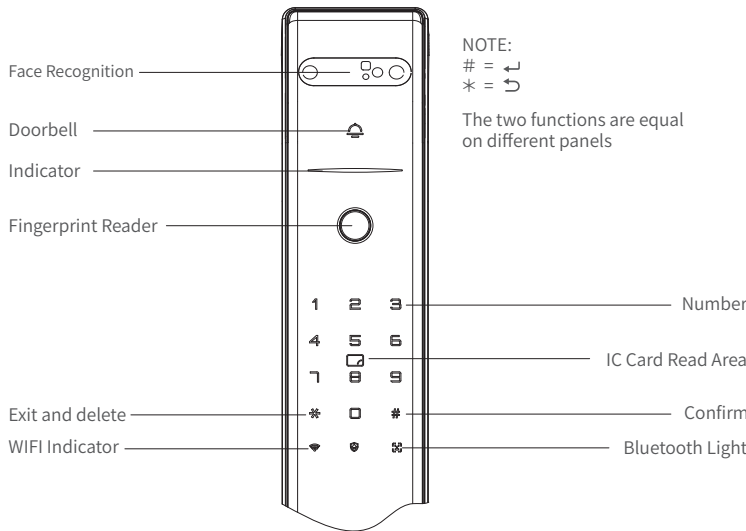
- If circuit board failed, please open door by mechanical key.
- If in low power, please use wire with Type-C interface to connect to portable power bank and insert in emergency power supply interface. Then you can open properly.
- If system halt, please use wire with Type-C interface to connect to portable power bank and insert in emergency power supply interface. Then it can reboot system and open properly.

Restore default settings



This procedure will delete all user codes associated with the lock. Remove the battery cover and use needle to press the reset button for 3 seconds when the power is on. The indicator light is green when the system data is cleared.

Keyboard operation instructions



Indicator Meaning

Lock status indicator

The light flashes green when verification succeeded. The light flashes red when verification failed.

Low battery status indicator

Light will be flashes red when battery is low and accompanied by voice prompts (non-mute mode).

System locked status indicator

Enter password wrong 5 times in 5 minutes, the lock will go into sleep mode and indicator turns red.

Mute mode indicator

The indicator of turn on/turn off mute mode is green and accompanied by voice prompts (double click * key can turn on/turn off mute mode).

Locked inside status indicator

In the case of locked inside the room, the indicator light is red when the system is awakened. When press #, the light will turn blue and can identify fingerprint or input password.

Restore factory settings indicator

The indicator light is green when the system data is cleared.

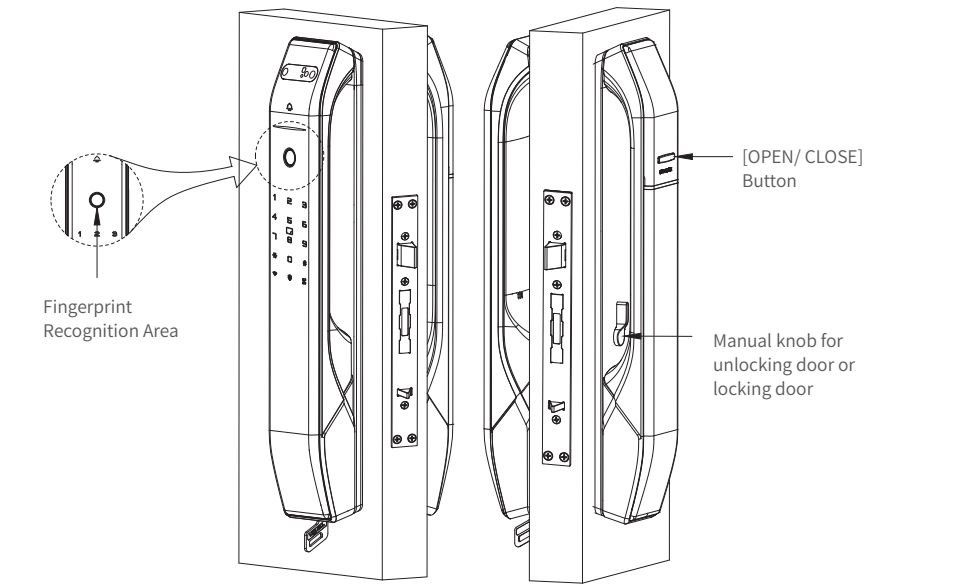
Bluetooth Indicator

The indicator light is blue when Bluetooth pairing.
The indicator light is green when pairing succeeded.
The indicator light is red when pairing failed.

Face recognition indicator

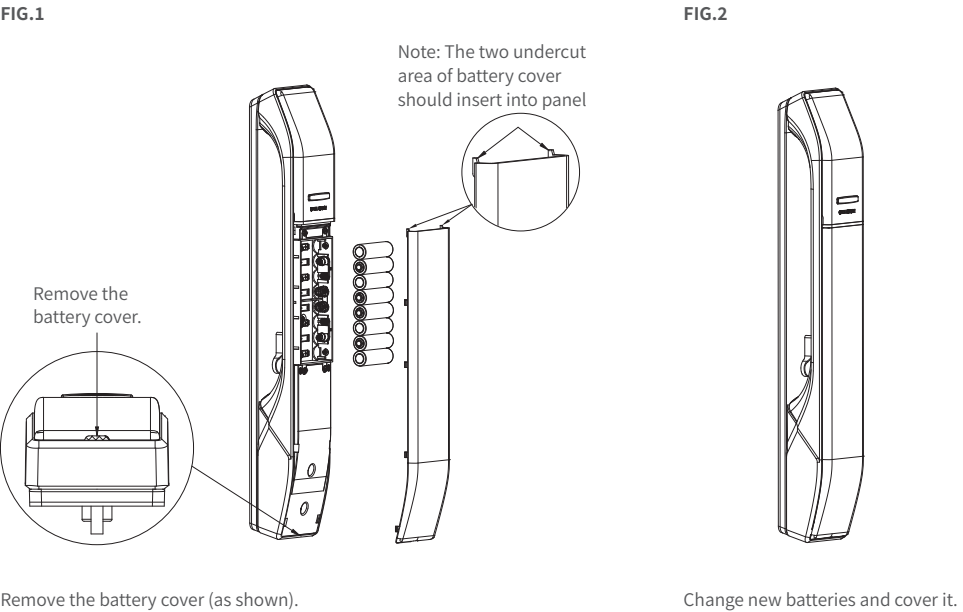
The indicator light is blue when the screen wakes up; Press it enter face recognition.

Quick open/ double lock way

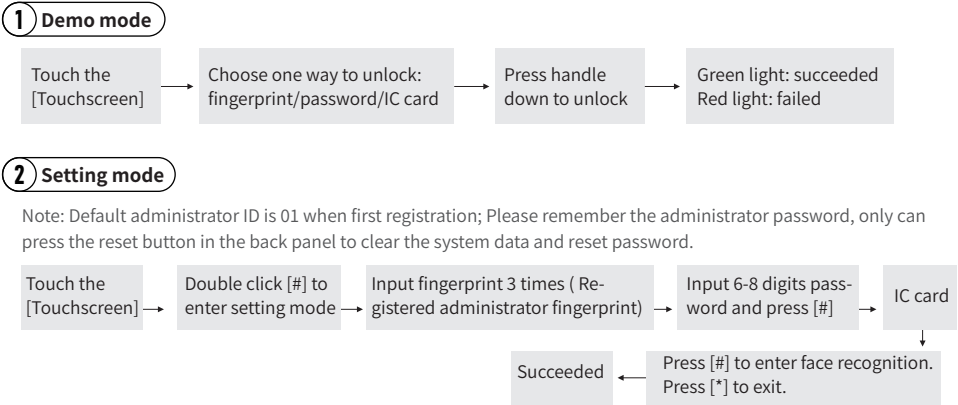


- Short press [OPEN] button, which can unlock quickly when the button light turns green.
- Long press [CLOSE] button of back panel 3 seconds, the button light will turn from green to yellow. At the same time, it comes with music prompts "Locked inside".
- Open/Close door in emergency by rotating the knob.
- Quick open way inside the door: short press [Open] button or rotate the knob.

Steps for displacing the batteries



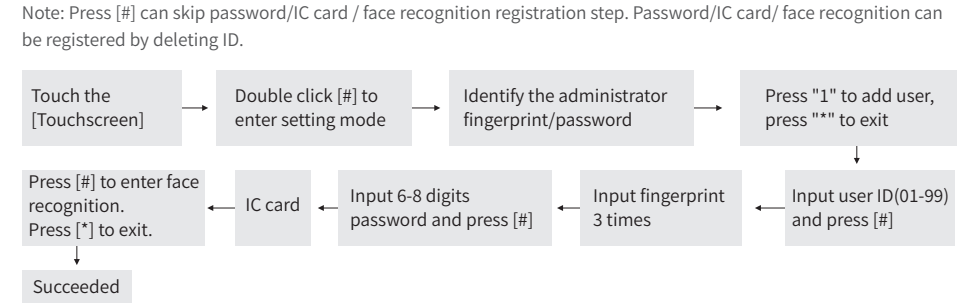
Operating process



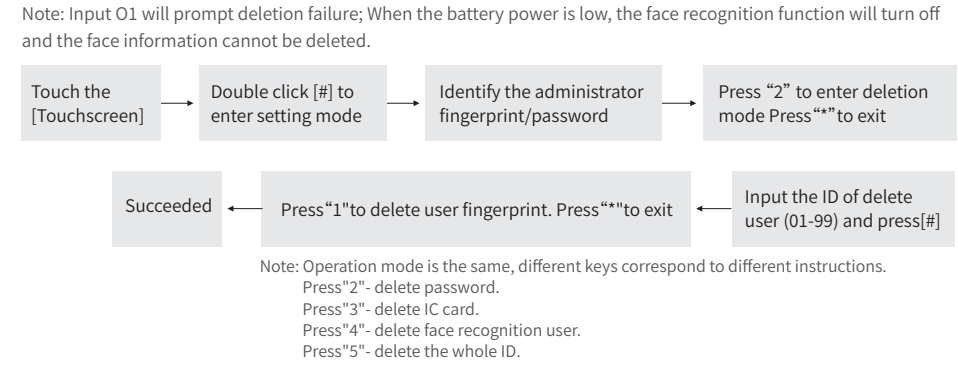
Face recognition function

- Note:
 - The smart lock must be equipped with eight batteries before using the face recognition function.
 - Make sure no one is behind you when you register your face, otherwise, face recognition registration may fail.
 - Face recognition function consumes power fast; There will be a sound alarm after each opening when battery power lower than 4.8V. Please replace the battery in time.
 - Applicable Height: 1.4m~2m.
 - Registration method: Capturing
 - Recognition distance: 0.3m~1m.
 - Recognition speed: <1.3s .
 - Face recognition angle: Pitch angle 30°; Rotation angle: 30°; Yaw angle: 30° .
 - User capacity: 99.
- Follow the voice prompt to register face recognition. Please use your hand to slightly block the light above the camera when the light is too bright.
Voice prompt:
 - 2 Please move forward.
 - 4 Please be left.
 - 5 Please keep / Please look up/ Please look down/ Turn your head to the left/ Turn your head to the right/ Excessive light.
 - 6 Please be right.
 - 8 Please move backward.
- Operation: Please stand at an appropriate distance and face to the camera, then touch the screen and press the face recognition key to verify.

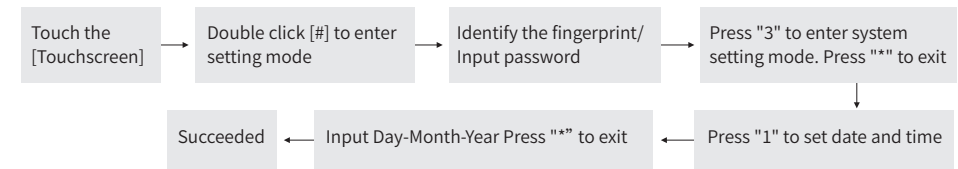
3 Registered user



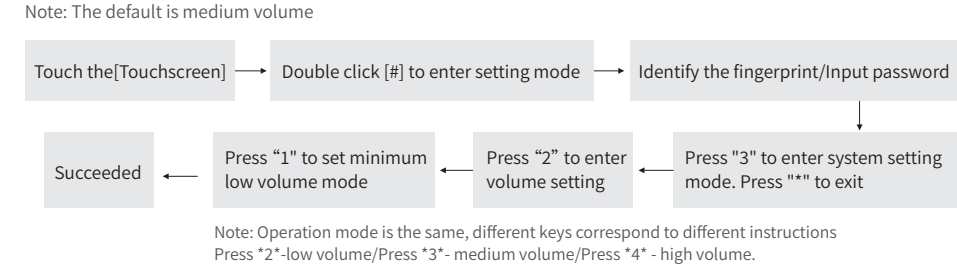
4 Delete registered user



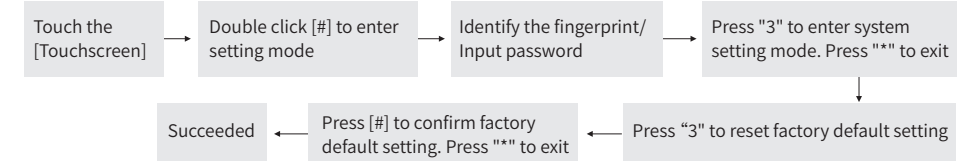
5 Date and time settings



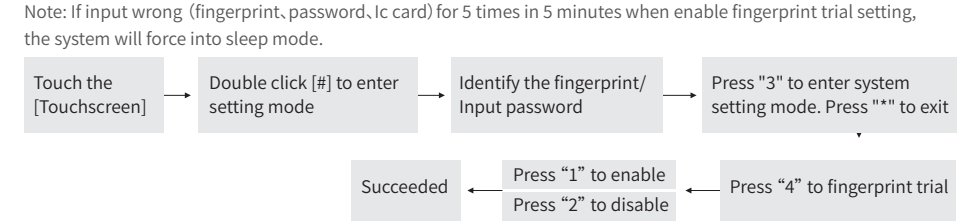
6 Volume setting



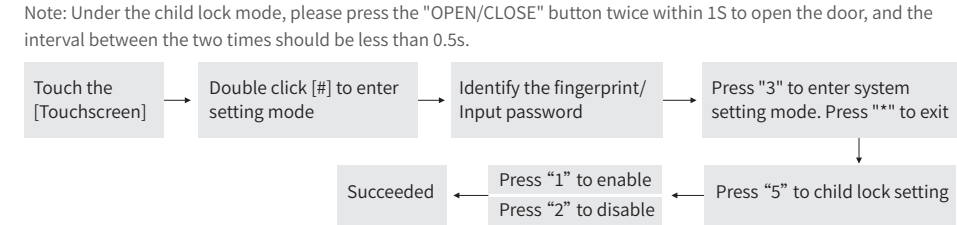
7 Restore factory default setting



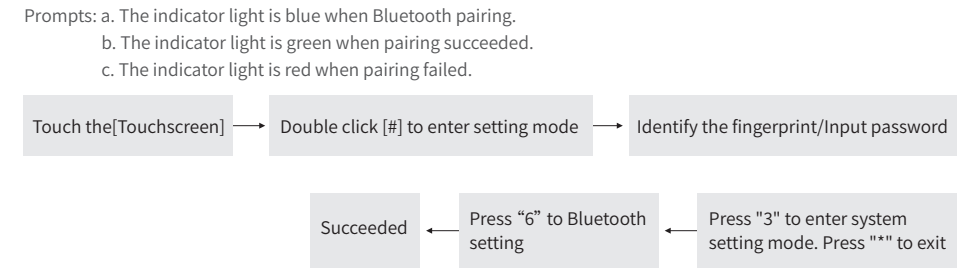
8 Fingerprint trial



9 Child lock setting

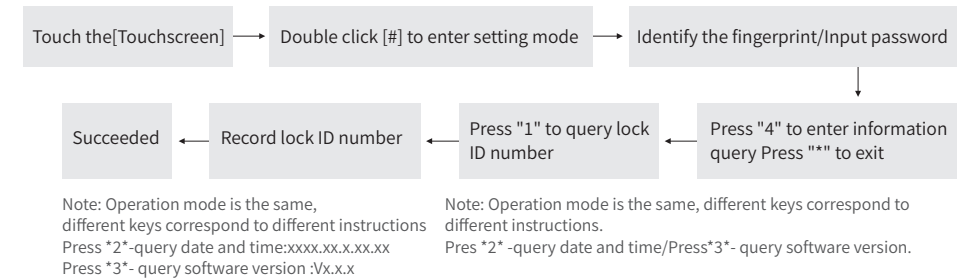


10 Tuya Bluetooth setting



Note:
Please download "Tuya" App from the App stores before using this function.
1. Turn on "Tuya" App and phone's bluetooth. 2. Click " Add device" . 3. Waiting for adding device.

11 Query lock ID number



Featured Operations

User ID grading management

- Administrator(01) can open the door and manage lock data information. In special cases, the administrator user has the highest authority. We recommend only the households and leadership to use this level function.
- Common user(02-99) only can open the door. We recommend the children or company staff to use this level function.

Key function

- * * "-Esc key and return key; "#"-enter key.
- Double click "#" key to setting mode.
- Double click "" key to mute mode, and once double click "" can exit mute mode. In mute mode, double-click the "#" key to enter the setting mode and with voice guidance, Automatically switch to mute mode after exiting setting mode.
- " " Doorbell key.
- " " Face recognition.

Locked inside function

Long press [OPEN/ CLOSE] button inside the door to lock it. Press "#" to identify fingerprint/password can unlock the door outside the room.

System reset function

Please keep pressing the reset button on the back panel with a pin for at least 3 seconds to restore factory default.

Anti peep password

Add any numbers before or behind the real password to prevent other person to peep the real password. (18 digits).

Emergency power supply

When the batteries run out, please use 5V power bank as emergency power supply for temporary opening.

Low power alarm

When the voltage of installed batteries is lower than 4.3V, there will be a sound alarm after each opening, please replace the battery in time.

Anti-prizing alarm

- If someone tries to break in, the lock will sound an alarm.
- The methods of turn off the alarm: (1) press "" and input password (2) press "#" and input fingerprint.

Password protection function

Enter the wrong password five times in 5 minutes, and the system will go into sleep mode for 90 seconds.

System reboot function

If in low power or system halt, please use wire with Type-C interface to connect to portable power bank and insert in emergency power supply interface.

The front and back panels are with associated encryption

Please press the reset button in back panel to match the front panel communication when the system prompted "please press reset button, the front and back panels are with associated encryption", release the button after the back panel lights out, then front and back panels will match automatically.

Attention

- Operating the lock requires special environment. Please use it in specified field technology ranges. The long time overload and exceed usage will reduce the life length. Please keep your finger clear and prevent this product from long time in sunshine when use it.
- After a period of time, there will has dirt on the fingerprint reader and may affect normal use. Please use soft cotton to clear the fingerprint reader. The fingerprint head and screen are the fragile glass materials, please do not hit or touch by hard object.
- If the lock voltage is insufficient when open door, the door will prompt with alarm sound and screen showed low voltage, please change the battery. Please do not use with mixed old and new battery. If you do not change the battery on time, the system will out of power and stop running. At this time, you can buy a 9V battery from market for emergency power supply. After open door, please change to AA battery in time.
- The lock handle is the necessary auxiliary tool to open door. Please do not hang any heavy object on the handle.
- Please choose professional worker to install the door lock and follow with our installation standard. Please do not disassemble this lock personally and take care of relevant label to avoid unnecessary trouble for warranty.
- Please register administrator fingerprint and keep the mechanical keys after lock is installed well. When the fingerprint and password and other methods can't open door, you can open door by mechanical key.