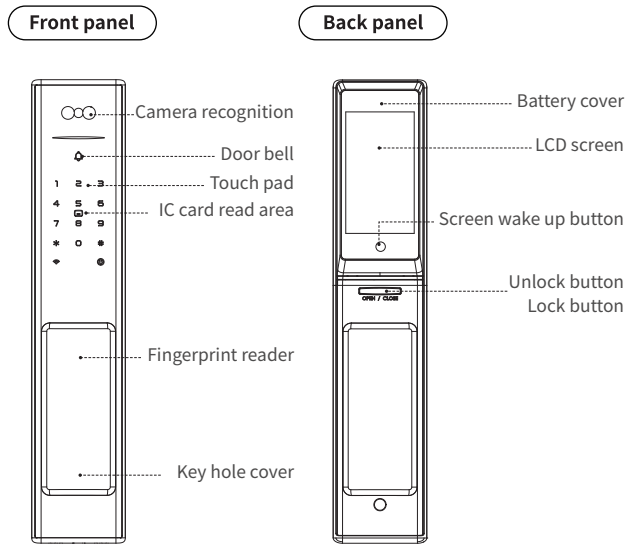


SMART LOCK USER MANUAL

Technical parameter

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

Material	Aluminium alloy
Unlocking way	Fingerprint, Password, IC card, Face Recognition, Palm vein,Mechanical key, APP
Fingerprint module	Semi-conductor fingerprint module
Card type	Mifare M1
Fingerprint capacity	99pcs
Password capacity	99pcs
IC card capacity	99pcs
Face Recognition + Palm vein capacity	50pcs
Power supply	7.4V Lithium battery
Emergency power	5V Type-c
Low voltage alarm	<6.8V
Working temperature	-25 °C ~70 °C
Relative humidity	20~90%RH
Features	Anti-theft mortise, Voice prompts, Low battery alarm, Virtual password, System protection, Multi-level administrator settings



Instructions

Packing List

ITEM	QUANTITY	ITEM	QUANTITY
Front Panel	①	Mortise Lock	①
Back Panel	①	Mechanical key	②
Accessories	①	Card	②
User Manual	①	Lithium battery	①

Main functions introduction

Multi-level administrator:

- Administrator(ID: 01) not only can open the door, but also manage the lock internal data. When in special case, the administrator user owned the supreme authority.
- Common users(ID:02-99) can only execute open-door operation.It can't check or modify lock dates.

System Lock:

The system will lock for 90 seconds and issue an alarm notification if three incorrect verification attempts are made within 5 minutes.

Low Power Warning:

When the system indicates a low battery, please replace or recharge the battery promptly.

Anti-pry alarm function:

When someone attempts to tamper with the lock from outside the door, causing the front panel to loosen, the lock will emit an alarm sound.

Mute Mode:

Press the * key twice to enable or disable mute mode.

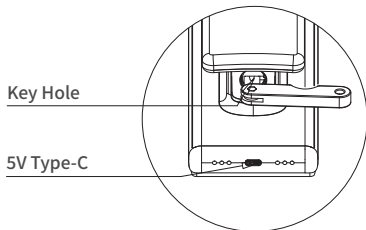
Anti peep password:

The user can input any number before or after the correct password to open door.

Anti-Lock Mode:

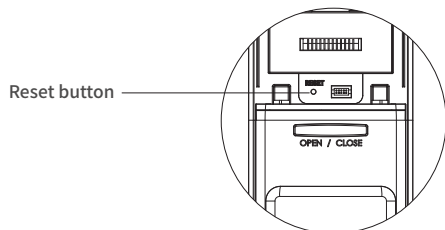
Long press the unlock button on the back panel to enable or disable anti-lock mode.

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.

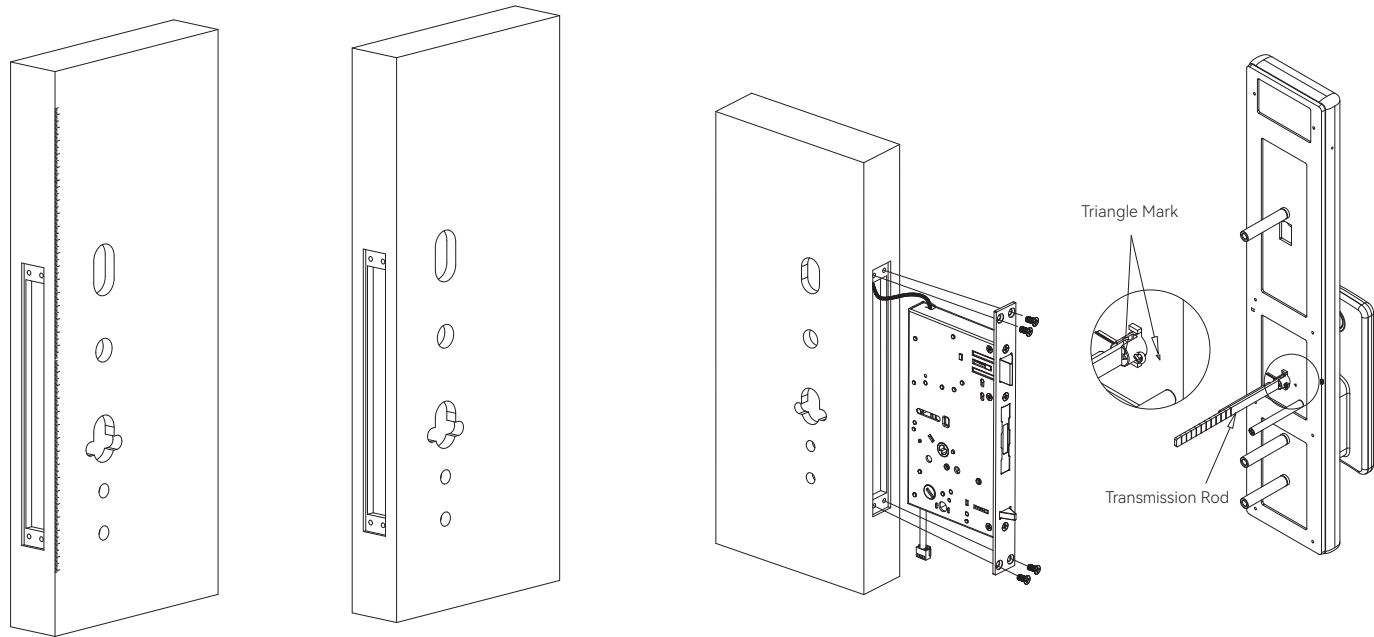
System Reset Function



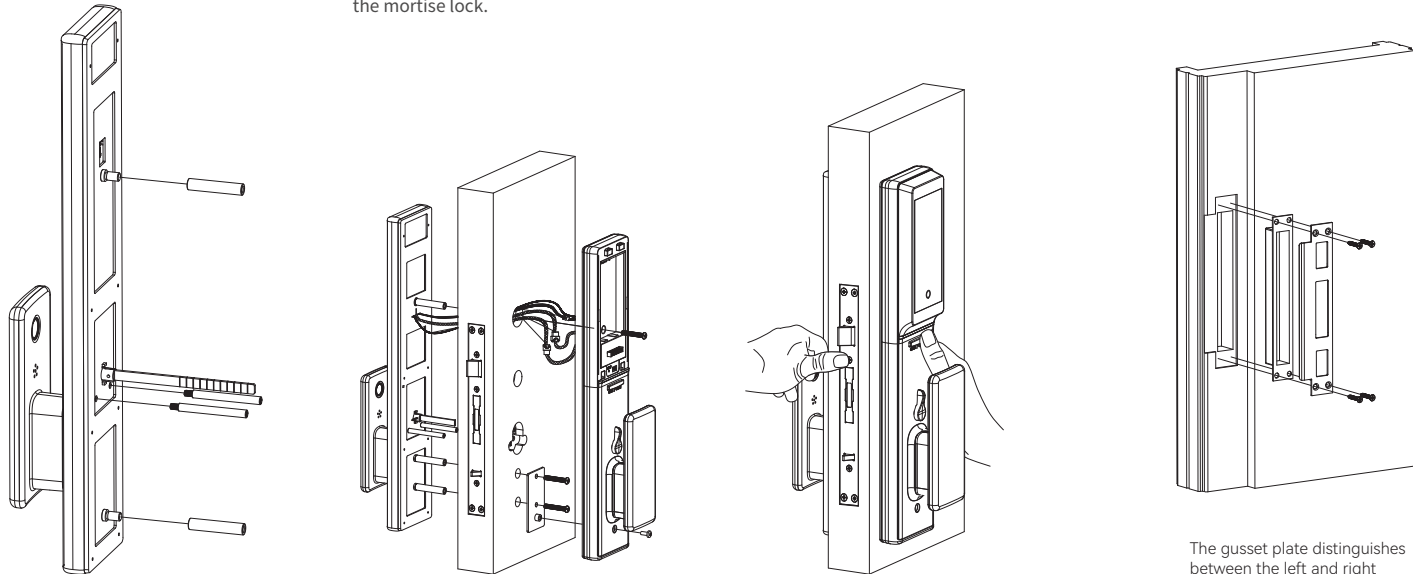
This procedure will remove all user code associated with the lock. Remove the battery cover, then long press the reset button with a pin for 3 seconds with power on. The indicator light is green, and it comes with voice prompts when the system data is cleared.

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.
- ③ Thread the mortise wire through the top hole and then use 4 pcs screws to fix the mortise lock.
- ④ Screw the key rotation lever to align the small triangle mark on the transmission block with the small triangle mark on the cover plate.



- ⑤ Insert suitable threaded sleeves, fixing rod and the transmission rod into their corresponding positions on the frontpanel as instructed.
- ⑥ Thread the front panel wire through the top hole. Make sure the transmission rod and fixing rod pass through the mortise lock. Cut off the transmission rod of appropriate length with locking pliers. When the door thickness is 100 mm, there is no need to cut it short. When the thickness of the door is reduced by 5mm, cut off one grid of the transmission rod; if the door is 80mm thick, you need to cut off 4 grids. The two wires from the back panel should be connected to the wire from the front panel and the wire from the mortise lock.
- ⑦ Use 2 pcs screws to fix the front panel and back panel, and finally put the battery and cover it.
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.
- ⑧ Install the striking plate, and the strike box on the door frame, then fasten it with 4 pcs screws. The door opening and closing test shall be carried out inside the door. If it is impossible to pull or push the door, push or pull the door to cancel the pressing force on the door before opening the door. After opening the door, loosen the 4 screws on the gusset plate, and conduct the test after readjusting the position of the striking plate.



The gusset plate distinguishes between the left and right

Operating process

1 Demo mode

- 1.Touch the [Touchscreen]
- 2.Choose one way to unlock:fingerprint/password/IC card

Note: After installation, the system is in demo mode, any fingerprint or password can open the door. You can try the system under the voice prompt.

2 Registered administrator

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Input fingerprint 6 times
- 4.Input 6-8 digits password and press [#]
- 5.Input the same password again and press [#]
- 6.IC card
- 7.Press [#] to enter face recognition
- 8.Press [#] to enter palm vein
- 9.Succeeded

Note:

- 1.When registering the administrator password for the first time, the program defaults to the administrator ID number 01.
- 2.When registering the administrator information initially, you must register a password. If the fingerprint is successfully entered but skipping the password entry then the administrator user registration will fail. Exit the system settings directly and return to the demo mode.
- 3.Face registration height: 1.4m ~ 2.3m. Distance: 30cm ~ 100cm.
- 4.Palm vein registration distance: 10cm ~ 35cm.
- 5.Registration capacity palm vein information, a total of 50pcs.

3 Registered user

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Identify the administrator fingerprint/password
- 4.Press "1" to add user
- 5.Input user ID [01-99] and press [#]
- 6.Input fingerprint 6 times
- 7.Input 6-8 digits password and press [#]
- 8.Input the same password again and press [#]
- 9.IC card
- 10.Press [#] to enter face recognition
- 11.Press [#] to enter palm vein
- 12.Succeeded

4 Delete user

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Identify the administrator fingerprint/password
- 4.Press "2" to delete user
- 5.Input the ID of delete user [02-99] and press [#]
- 6.Press "1" to delete user fingerprint.
Press "2" - delete password.
Press "3" - delete IC card.
Press "4" - delete face recognition.
Press "5" - delete palm vein.
Press "6" - delete the whole ID
- 7.Succeeded

5 Network Setting

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Identify the administrator fingerprint/password
- 4.Press "3" to network setting
- 5.Blinding, Press "*"to exit
- 6.Succeeded

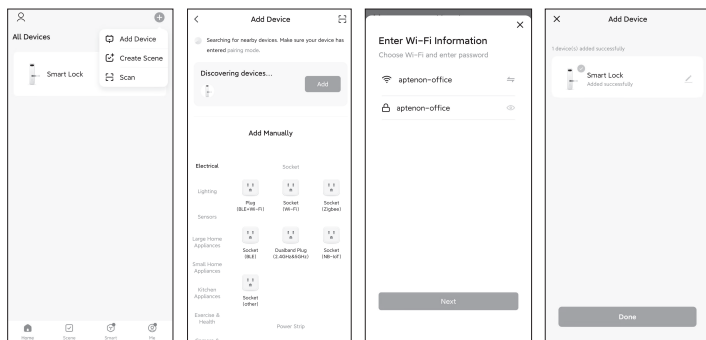
Note:

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.

Tuya APP network setting, after device in blinding state.

- 1.Click Add device
- 2.Click Add
- 3.Choose wifi to conect
- 4.Click done



8 Date and time settings

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Identify the administrator fingerprint/password
- 4.Press "6" to enter date and time settings
- 5.input"year-month-day-hour-min"
- 6.Succeeded

9 Automatic recognition settings

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Identify the administrator fingerprint/password
- 4.Press "8" to enter automatic recognition settings
- 5.Press "1" to turn on
Press "2" to turn off
- 6.Succeeded

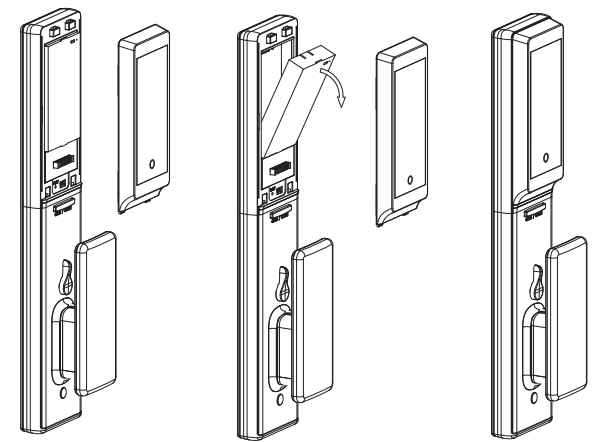
Note:

- 1.After turning on the automatic recognition function, when a person approaches the door lock will automatically wake up and start verification.When is turn off, you need to manually click the button to enable recognition.
- 2.The automatic recognition function will not be enabled within 6 seconds after the door is locked. After 6 seconds, if the person leaves and walks out of the proximity sensing range, the automatic recognition function can be enabled normally when the person returns to the door lock.

10 Factory resetting

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Identify the administrator fingerprint/password
- 4.Press "0" to enter factory resetting
- 5.Press [#] to confirm Press "*" to exit
- 6.Succeeded

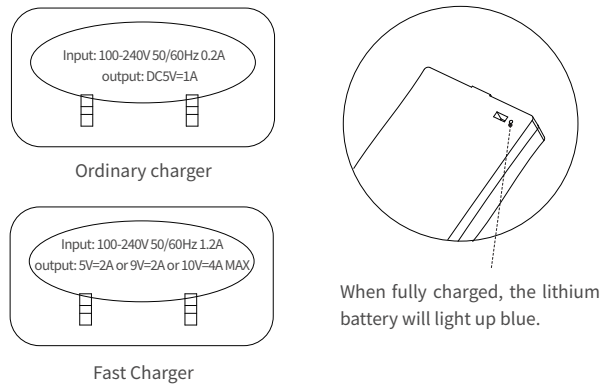
How to replace the battery



Note:

- Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

How to charge and use lithium batteries



Note:

- 1.The current output by ordinary chargers is generally around 1A, and the current output by fast chargers is generally above 2A.
- 2.When the lock prompts "Insufficient power, please replace the battery in time", please charge the lithium battery in time, and you need to use a power cord with a Type-C interface. When charging a lithium battery, pay attention to whether the charger is an ordinary charger or a fast charger.
- 3.When using an ordinary charger, charge normally until the blue light of the lithium battery lights up.
- 4.When using a fast charger, you may encounter a situation where the blue light of the lithium battery lights up after five to ten minutes of normal charging. At this time, the battery is empty and you need to unplug the charger again, let it stand for five to ten minutes, and then plug it in again to charge.
- 5.If you encounter battery quality problems, please contact customer service. Do not replace unbranded batteries. Do not disassemble the battery without authorization. Unplug the plug in time after fully charged to avoid overcharging. Fast charging is not supported.



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