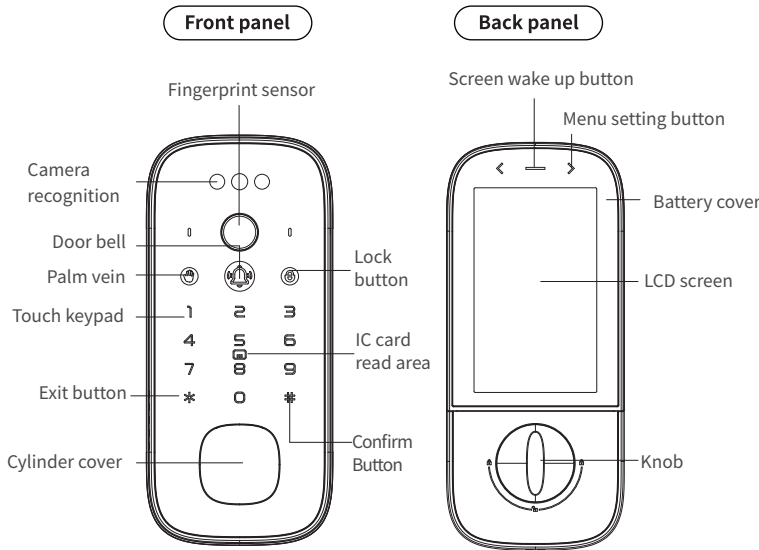


Smart Lock USER MANUAL

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, 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
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	Cylinder	①
Accessories	①	Mechanical key	②
User Manual	①	Card	②
		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.

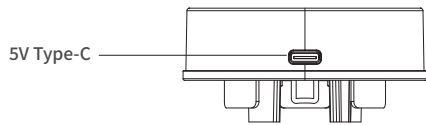
Mute Mode:

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

Anti peep password:

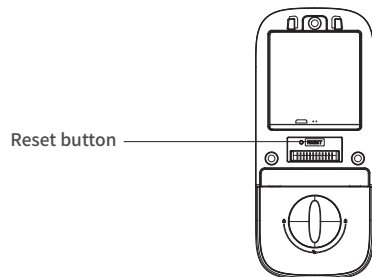
The user can input any number before or after the correct password to open door.

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

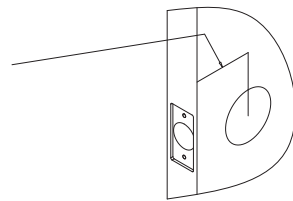


This procedure will remove all user code associated with the lock. Remove the battery cover, then long press the reset button with a pin for 3 seconds with power on. The indicator light is green, and it comes with voice prompts when the system data is cleared.

Installation Steps

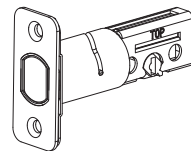
- Modify the mortise lock backset based on the distance from the hole centerline to the door edge.

Common backset standard is 70mm and 60mm, adjust it based on actual requirement.

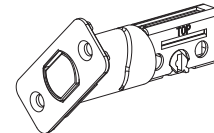


- Default mortise lock backset is 60mm. If need to adjust, please follow the below steps:

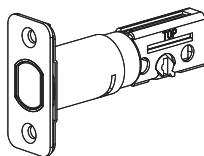
1. Hold the tail of the lock body, and rotate the head of the lock body clockwise.



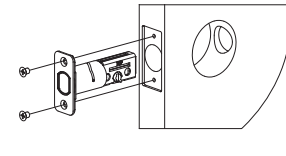
2. The head of the lock body will move outward for a distance after rotation.



3. After rotating the head of the lock body 180 degrees till it can not move anymore. Finally, the lock body has been adjusted to 70mm.

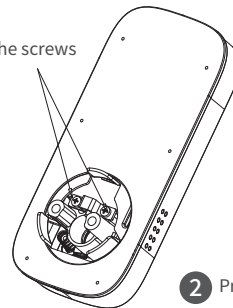


- 4.Adjust the mortise lock to recover the deadbolt with screwdriver, then fix it with 2pcs countersunk screws.

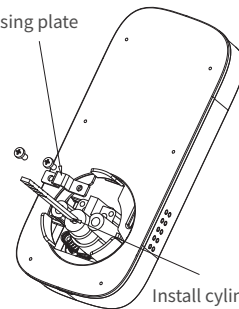


- 3 Install the lock cylinder as shown
Release the front panel cylinder pressing plate, install the cylinder, and tighten pressing plate with screws again.

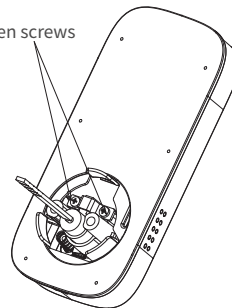
- 1 Release the screws



- 2 Pressing plate

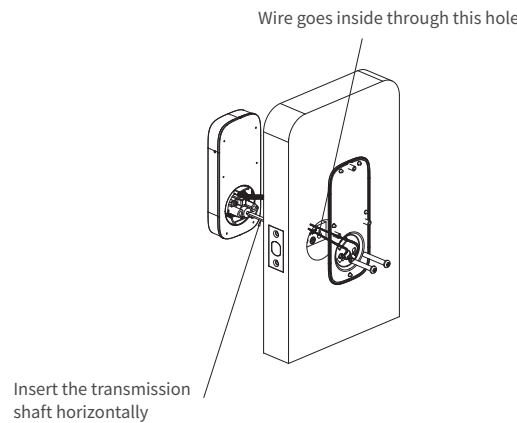


- 3 Tighten screws

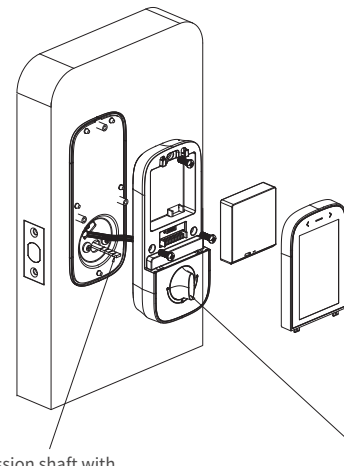


Install cylinder

- 4 As the diagram shows, adjust the transmission shaft of the front panel to horizontal state. At the same time, the mortise must be in open position. then fix the front panel and rear cover plate with 2pcs pan head screws.



- 5 Plug the terminal into the flat cable interface of the circuit board on the rear panel, then install the rear panel to the rear cover plate with screws (2pcs pan heads +1pcs countersunk head) as shown. Please pull the flat cable straightly and press the over-length cable on the rear cover plate. Do not stuff the over engh cable to the door, causing the transmission shaft to work poorly.



Cut the transmission shaft with pliers if too long for installation

Keep the knob vertical during installation

- 6 Test: After installing the battery, touch the screen (press any key to wake up) to check whether there are some responses. If there is no response:

1. Please open the battery box cover to check the battery.

2. Please disassemble the back panel to check the flat cable.
(a. whether flat cable is loose or falls off; b. whether the flat cable direction is inserted correctly; c. whether the terminal of the cables are worn out or damaged).

3. Inform the sales department to arrange professional personnel to check, install and do other after-sales services.

After the test, enjoy your comfortable and cozy experience.

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 palm vein
- 8.Succeeded

Note:

- 1.When registering the administrator 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.Palm vein registration distance: 10cm ~ 35cm.
- 4.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 palm vein
- 11.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 "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

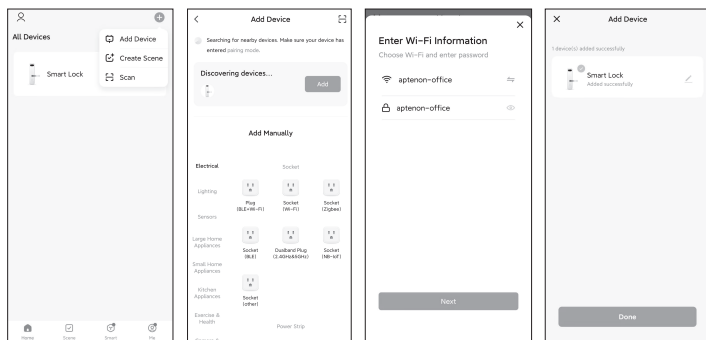
Note:

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



6 System settings

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Identify the administrator fingerprint/password
- 4.Press "4" to enter system settings
- 5.Press "1" to query lock ID number
Press "2" to query date and time
Press "3" to query software version
Press "4" to volume settings→Press [1-4] to select the volume level
Press "6" to doorbell settings→Press "1" to turn on/Press "2" to turn off
Press "7" to language settings
- 6.Succeeded

7 Trial and error settings

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

Note:

In default mode, the system would be locked for 90s with alarming notification when you input 3 times wrong verification in 5 minutes.

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 Lock mode settings

Automatic locking mode

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Verify admin fingerprint or password
- 4.Press "9" for lock mode setting
- 5.Press "1" to automatic locking mode
- 6.Input 5-254 digits and press # to confirm
- 7.Succeeded

Note: Based on your requirements, you can set 5s-254s interval time.

Manual locking mode

- 1.Touch the [Touchscreen]
- 2.Double click [#] to enter setting mode
- 3.Verify admin fingerprint or password
- 4.Press "9" for lock mode setting
5. Press "2" to manual locking mode
Press "*" to exit
- 6.Succeeded

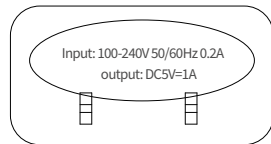
11 Factory resetting

- 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

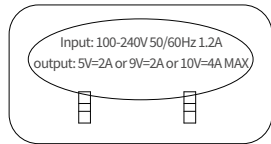


Scanning the QR code to download

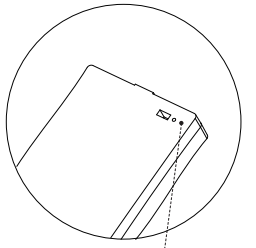
How to charge and use lithium batteries



Ordinary charger



Fast Charger



When fully charged, the lithium battery will light up blue.

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.