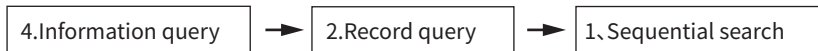


Operating menu

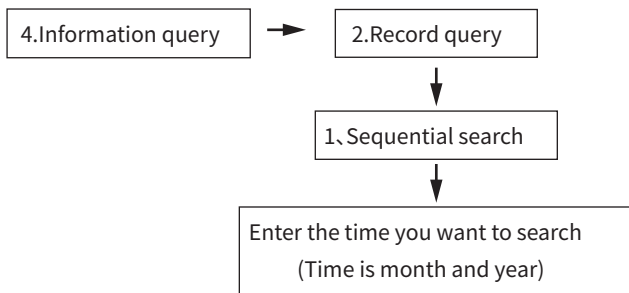
(2) Record Query

① Sequential Search



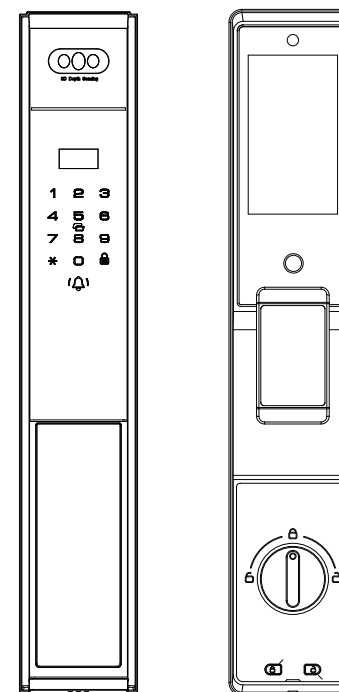
Note: Sequential query is to start with the current latest information and go down, press key 8 to query the next one and key 2 to query the previous one.

② Search By Time



LBT

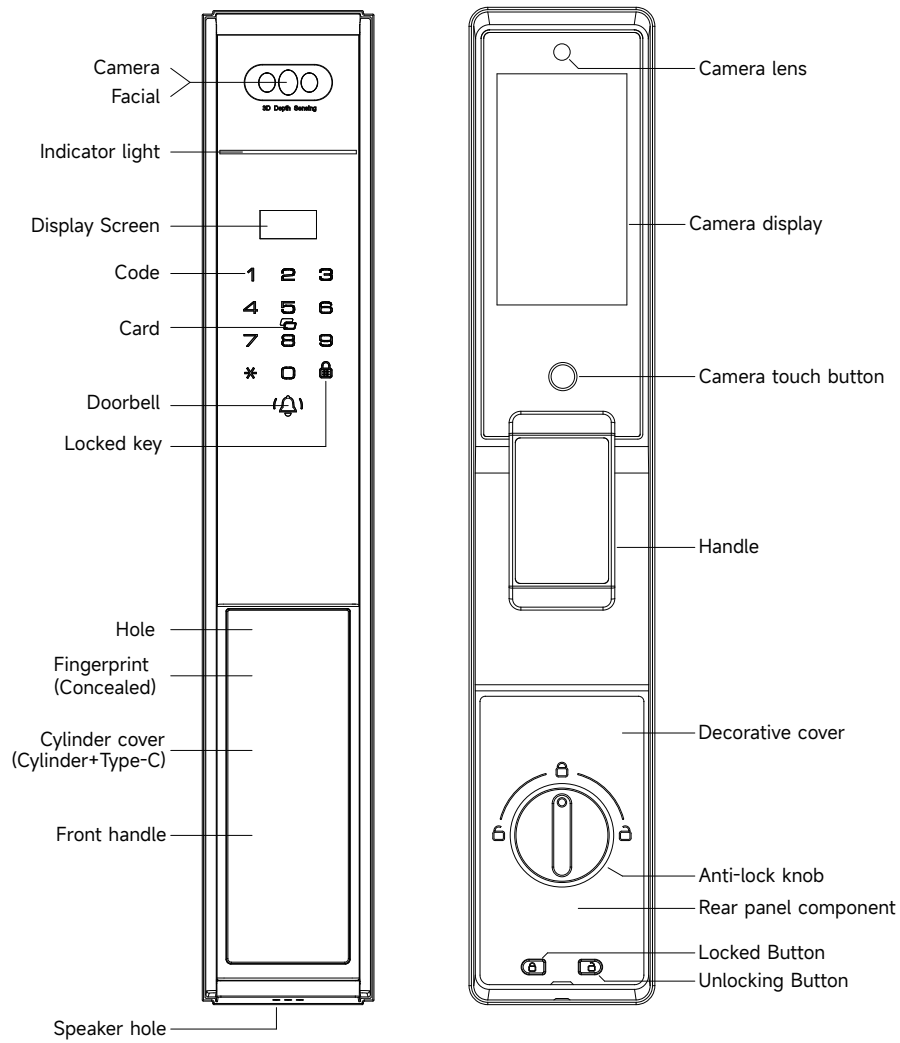
AUTOMATIC SMART LOCK



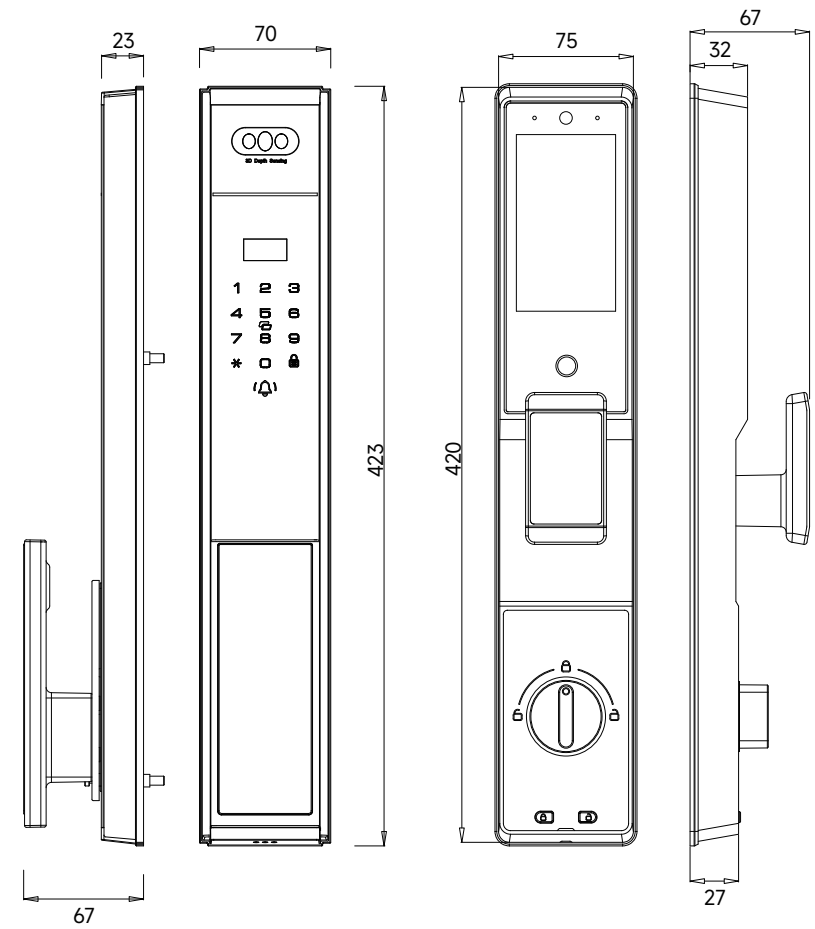
Fully automatic anti-theft lock - Tuya Wifi
P70

Installation and Setup Instructions

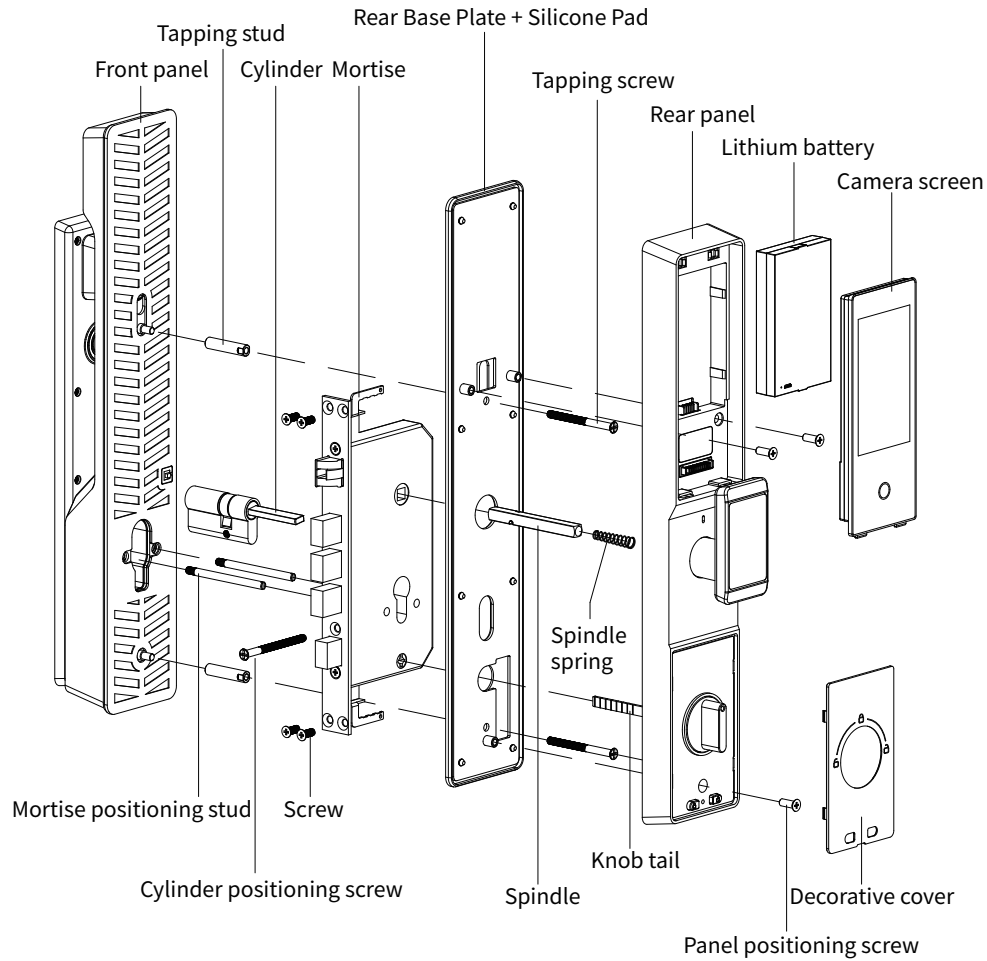
Parameters



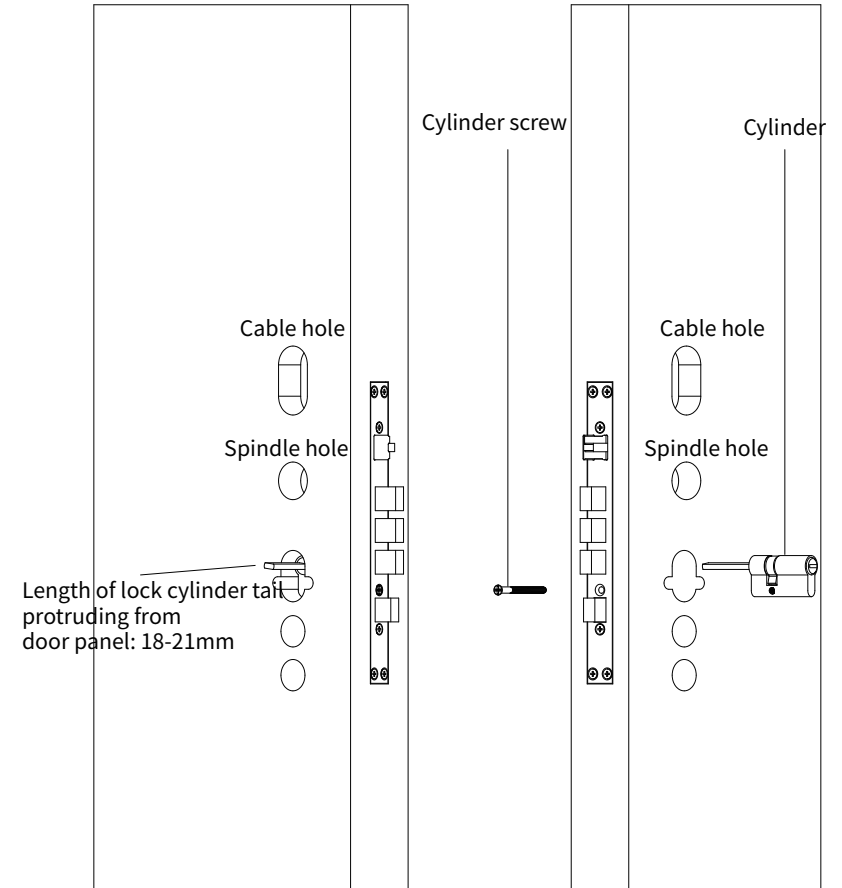
Size (mm)



Door lock installation

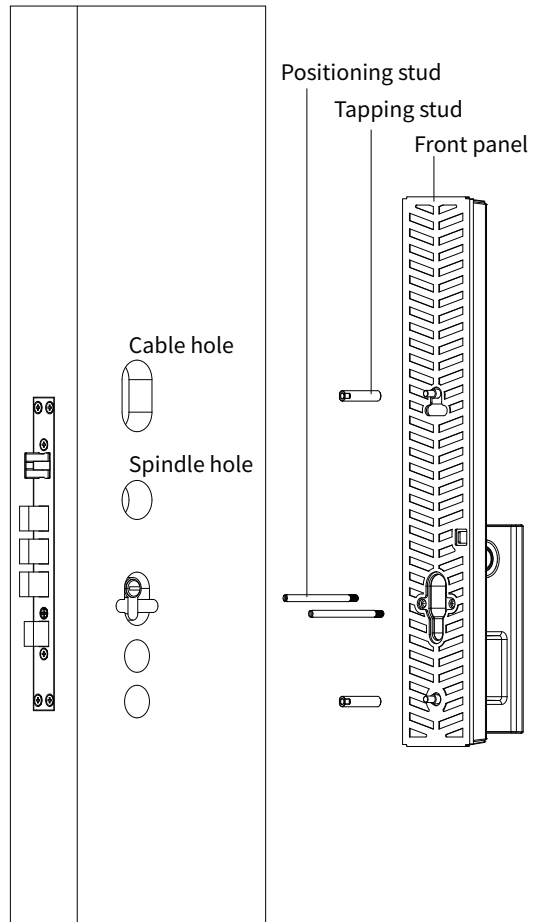


Cylinder installation



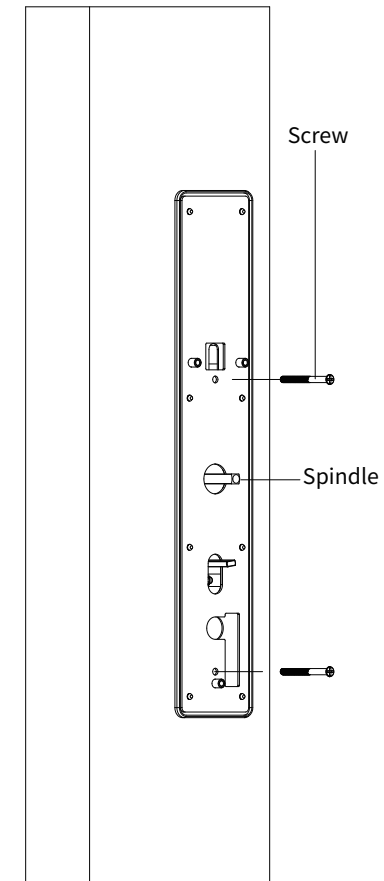
1.1 Installation of the cylinder: install the lock cylinder to the position as shown in the picture, use a M5 screw to fix the cylinder, check the length of the tail shaft of the cylinder, the length of the protruding door plate: 18-21mm, need to cut off the excess part.

Front panel installation-1



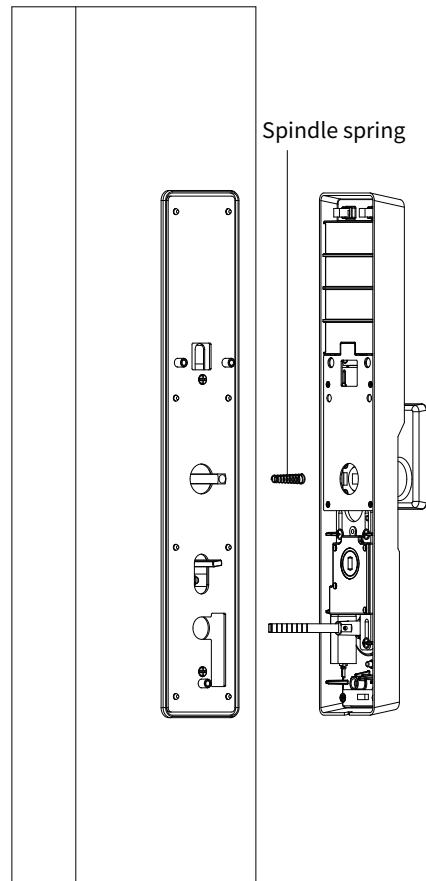
1.2.1 Screw the Tapping stud and positioning stud to the front panel, and then lead the connecting wires of the front panel and the camera through the door panel to the indoor direction, align the position of the lock cylinder, and install it into the front panel.

Front panel installation-2



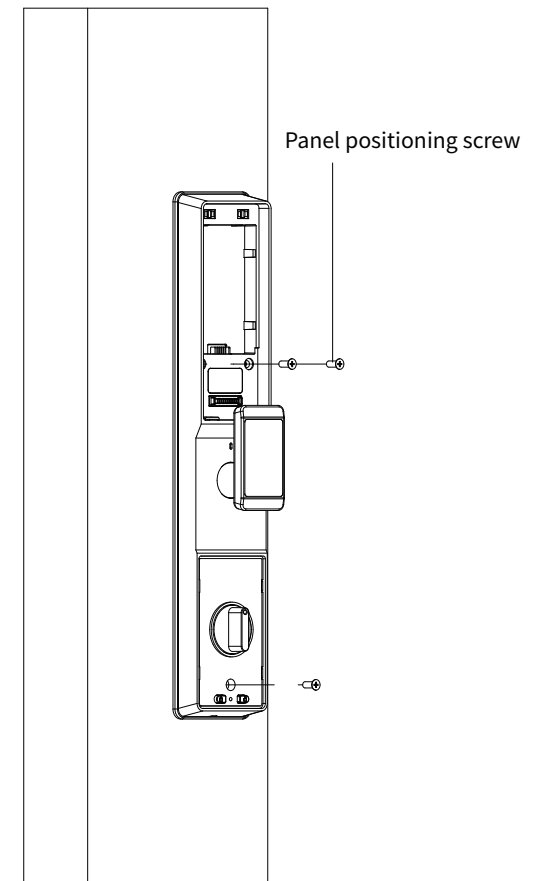
1.2.2 first load the spindle suitable for the door thickness (hit point near the end of the door towards the outside), the front panel is adjusted, with two M5 screws through the rear plate to fix the front panel, before tightening the screws, be sure to adjust the spindle and the cylinder to the center of the corresponding round hole in the rear plate position.

Rear panel installation-1



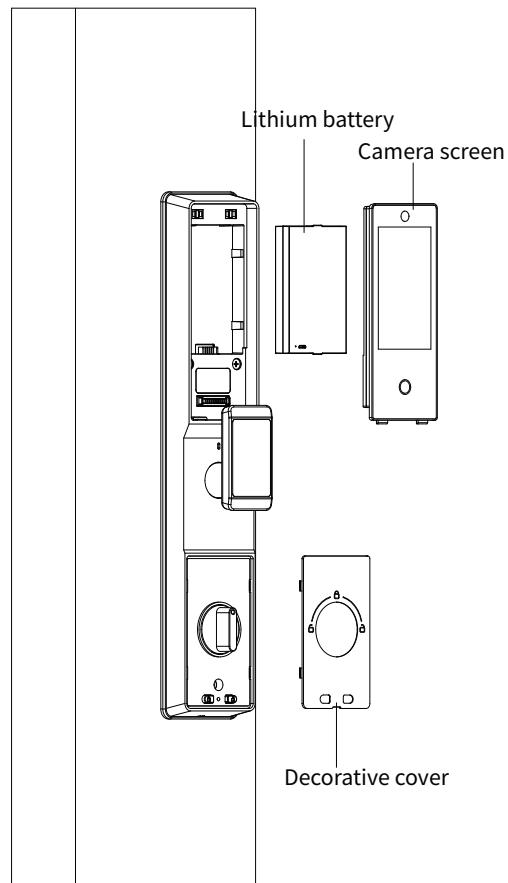
1.3.1 First, cut the cylinder tail to the appropriate length according to the door thickness, insert the connectors of the front panel and the camera with the corresponding connectors of the rear panel, load the spindle spring (big end facing inward), align the holes, and load the rear panel.

Rear panel installation-2



1.3.2 Fix the rear panel with three M5 screws, rotate the rear handle and anti-lock knob to see if it rotates smoothly (if it does not rotate smoothly, please refer to 1.2 Installation Steps to adjust the rear bottom plate so that the spindle and the cylinder are in the center of the rear bottom plate hole).

Rear panel installation-3

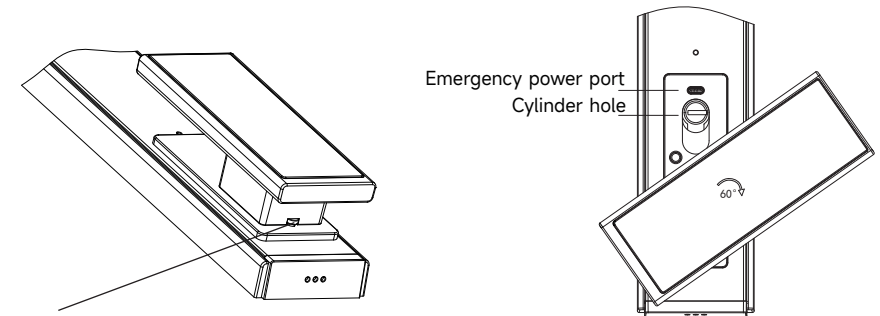


1.3.3 load the lithium battery, cover the battery cover and decorative cover, test whether the mechanical key can open and close the lock normally, test whether the door lock can be used normally. (The factory lock defaults to the left, if the direction is not right, please refer to the manual to set the locking direction)

Appendix 1-2

Attachment-1: Emergency spare key and emergency charging method (as shown above)

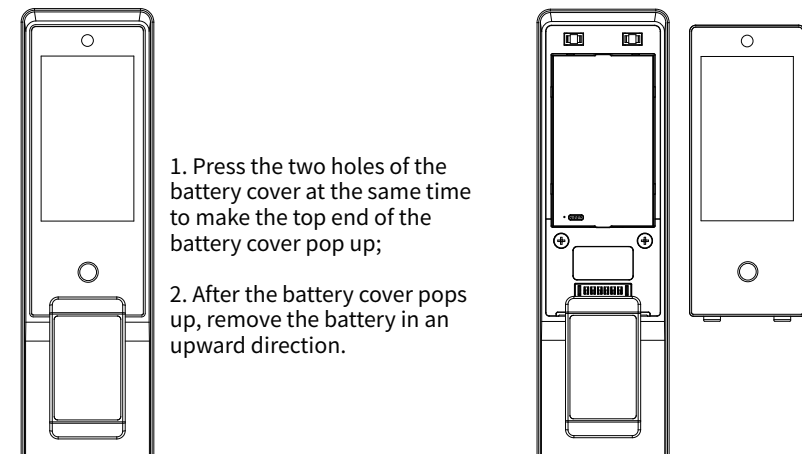
If there is an emergency situation such as forgetting the password, running out of battery power or abnormal circuitry that prevents you from unlocking the door, you can use the emergency spare key to unlock the door or use the rechargeable battery for emergency power supply to unlock the door.



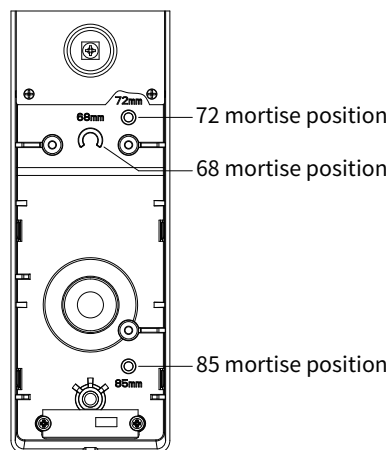
1. Press and hold this button with your thumb downward.
2. Turn the handle to the left/right about 60 degrees
3. Return the handle to the right after use.

Attachment-2: Battery cover removal and mounting operation

Attention: Since there is an electronic part of the cat's eye module inside the battery cover, be careful to prevent the battery cover from falling off during operation.

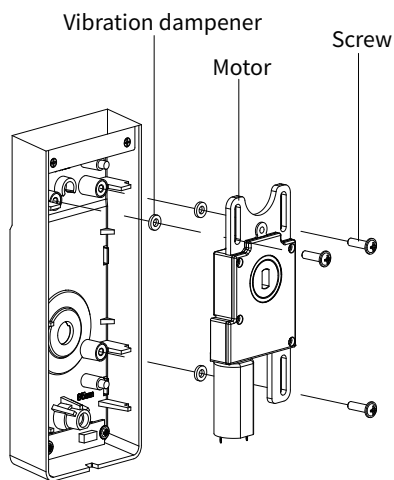


Appendix 3 (switching installation operation of locks 68, 72, 85)



Attachment-3.1

The panel is engraved with the corresponding positioning mark of each lock body, installation attention to distinguish;



Attachment-3.2

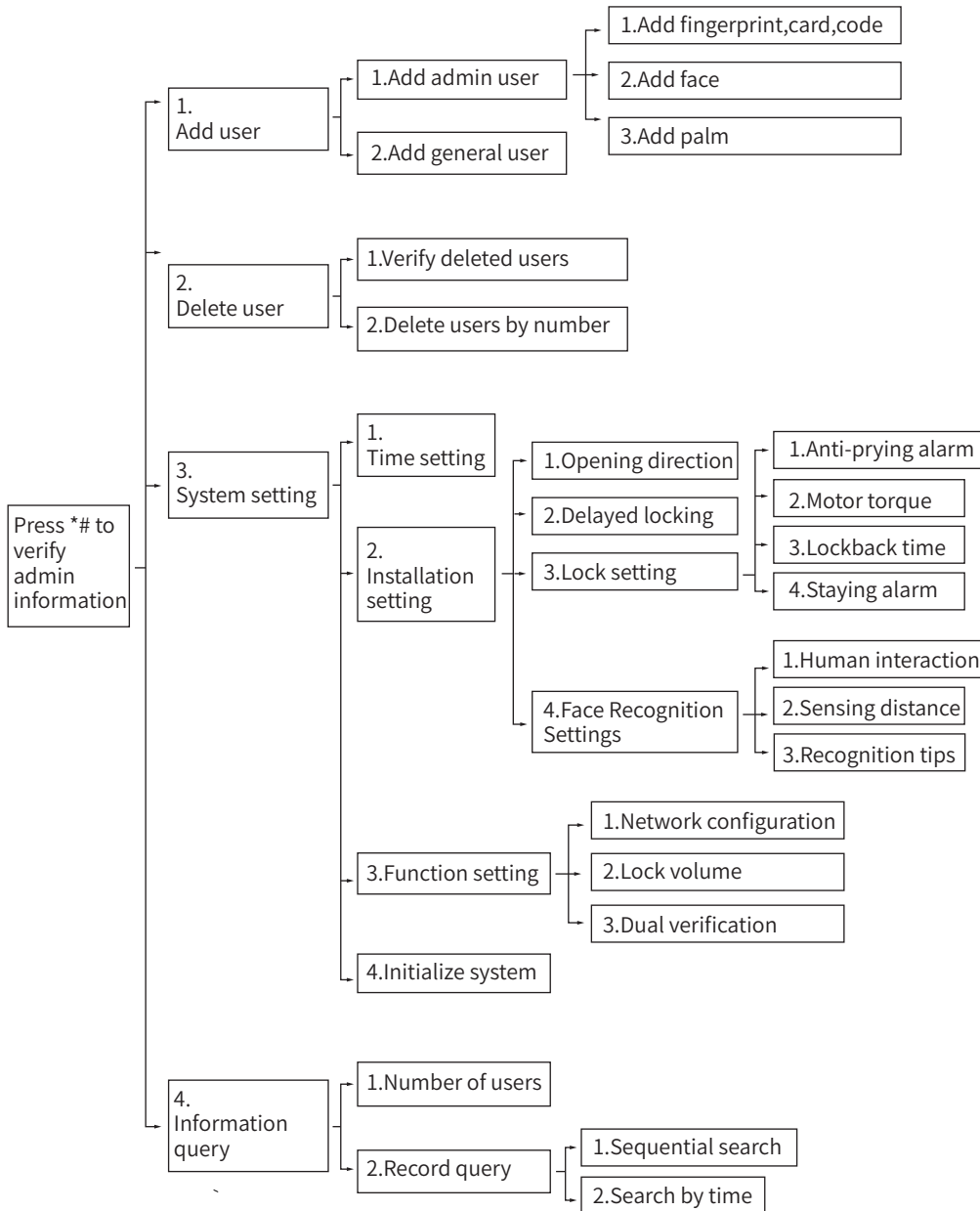
Unscrew the fixing screws, remove the geared motor, put the motor back in alignment with the corresponding positioning marks, and tighten the fixing screws; Note: Make sure that the damping pads do not fall off during operation.

Note: Ensure that the damping pads do not fall off during operation.

Parameters

Fingerprint	Self-learning capacitive fingerprint head
Capture head resolution	508dpi
Rejection rate	<0.1%
False recognition rate	<0.001%
Fingerprint collection range	±180°
Card type	M1
User capacities	Total capacity 250 groups: up to 100 fingerprints, up to 100 passwords, up to 50 faces, up to 100 cards. Administrator ID range 000-009, general user ID range 010-249
Operating record	Rolling 600
Battery life	Unlocking ≥3000 times
Operating voltage	7.0V~8.4V, low voltage alarm voltage 6.8±0.2V
Static power consumption	≤200uA(Average power consumption)
Recognition time	≤3s,(Including the whole process of fingerprint acquisition, comparison and unlocking signal output.)
Keypad type	Touch sensitive
OLED display	0.96' LCD
External emergency power	5V1A Type-c
Antistatic capability	≥8KV(contact) ≥15KV(contactless)
Storage temperature	-25°C ~ 80°C
Operating temperature	-25°C ~ 70°C
Environmental humidity	15%RH~ 93%RH

Operating Menu



Setting Description

1. Initialization

Press and hold the setup button for 5s, voice announcement: “Restore factory settings, to confirm, please press the # key, to cancel, please press the * key”, press the # key to confirm, the system will restart to the initial state.

Under the initial state, any face, fingerprint, password or card can unlock the door. The factory setting operation cannot clear the set parameters of door opening direction and torque.

2. Low battery alert

System power is less than 25%, when unlocking the voice announcement: “low battery”, the battery can still unlock about 50 times, but please charge in time (or replace the battery).

3. External USB emergency power supply

Using USB emergency power supply, it takes about 30 seconds to unlock the door.

4. Illegal User Alarm

When the lock fails to be unlocked for 3 to 5 consecutive times, the voice will announce: “Illegal user, illegal invasion, the owner has been notified”. The system will be locked for 90 seconds after the 5th announcement, and will not respond to any operation by the user during this period, and will be unlocked after 90 seconds.

5. Dummy Code

When using password to unlock the door, you can add any number before or after the correct password, which can increase the security of the numeric password, such as the password is “123456”, you can enter “426123456745” to unlock the door.

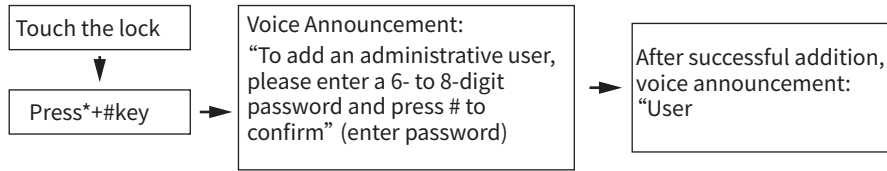
Note: The system can only recognize the first 16 digits.

6. Version Number

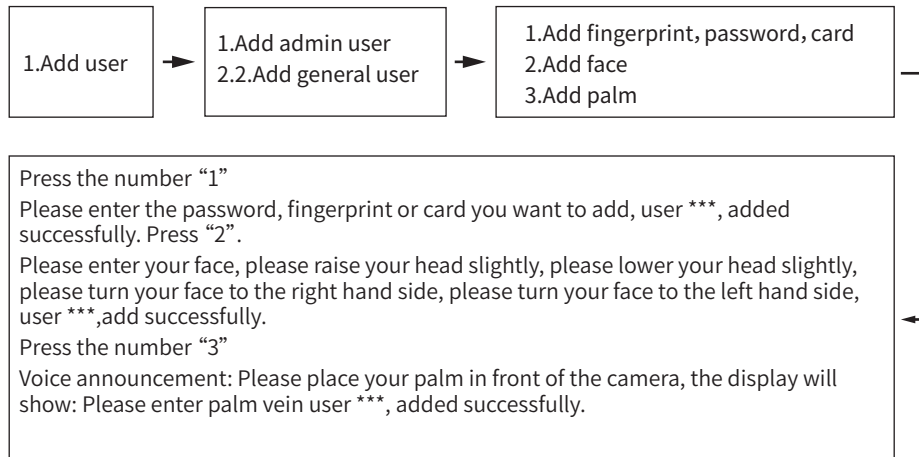
Input 999# to read the system version number.

Function And Operating

● Adding an administrator password for the first time



1.Add User



Face: Voice announcement “Please input the face”, the face to be recorded parallel to the camera at a distance of 30~80cm, according to the voice instructions for continuous recording.

Fingerprint: users place their fingers on the fingerprint sensor, the voice prompts “please press your finger again”, users will place the same finger on the sensor, continuous recording.

Password: User inputs 6 to 8 digits password and presses # key to confirm.

Card: User puts the card close to the IC card sensing area of the touch keypad, the system automatically reads and saves the card information.

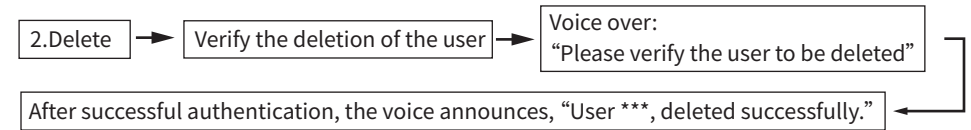
Palm vein: voice announcement “please input the face or palm vein”, the hand to be recorded parallel to the camera at a distance of 25-35cm, according to the voice prompts for continuous entry.

Note: The number of administrative users: No. 000-009, total 10 digits; the number of general users: No. 010-249, total 240 digits.

Setting description

2.Delete User

(1)Verify the deletion of the user



Verification method:

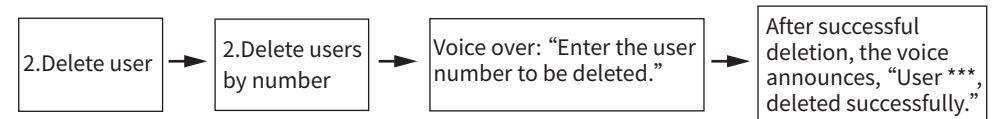
Face: the user's front face parallel to the camera at a distance of 30-80cm **Fingerprint:** the finger to be deleted is placed on the fingerprint sensor. **Password:** Enter the password to be deleted.

Card: Place the IC card to be deleted close to the sensing area of the touch panel.

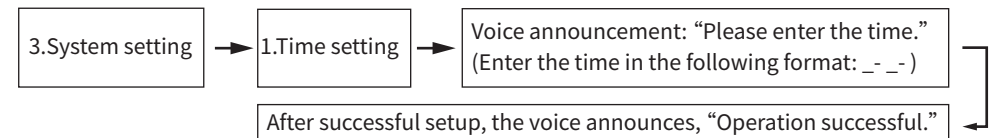
Palm Vein: Place the palm to be deleted parallel to the camera at a distance of 25-35cm.

If the user exists in the system, voice announcement: “Delete Success”; if the user does not exist, voice announcement: “Operation Failed”.

(2)Delete users by number



①Time Setting



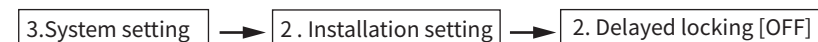
② Installation Settings

a. Opening direction setting



Note: The direction of opening the door is based on the direction of unlocking outside the door.

b. Delayed locking



Delayed Locking:

After unlocking, the door lock automatically performs locking operation within the specified time.

User settable: 10S, 15S, 20S, 30S, 60S, 120S.

Function and operating

c. Lock Setting

• Anti-prying alarm



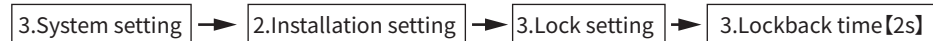
Note: After turning on the anti-picking alarm, if the door lock is picked, the system will send out an alarm prompt: “Illegal user, illegal invasion, the owner has been notified”. If the device has been networked, it will push the alarm information to the cell phone.

• Motor torque



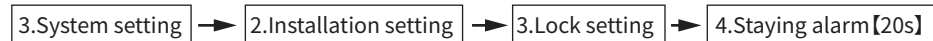
Note: Torque setting is for motor torque strength.

• Lockback time



Note: The lock time is the rebound time of the lock tilt tongue, and the set time range is between 2s and 9s.

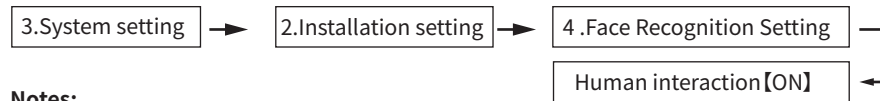
• Staying alarm



Note: Within 1 minute, the human body is detected for a total of 20 seconds, which will trigger the stay alarm and push to the distributed equipment, and the local sound and light alarm is not carried out by default.

d. Face Recognition Setting

• Human interaction



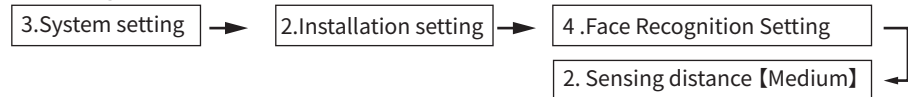
Notes:

1. Human body sensing function classification:

- Body Sensing [Off]:The door lock does not perform body sensing.
- Body Sensor [Smart]:The door lock performs body sensing only in the closed state.
- Body Sensing [Open]:The door lock performs body sensing in any state.

2. 10 consecutive wake-ups and no face is recognized, the human body sensing is turned off by default for 5 minutes.

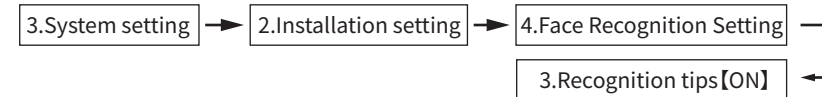
• Sensing distance



Note: Sensing distance [near]: 30~50cm;
Sensing distance [middle]: 50~70cm; Sensing distance [far]: 70~80cm.

Setting description

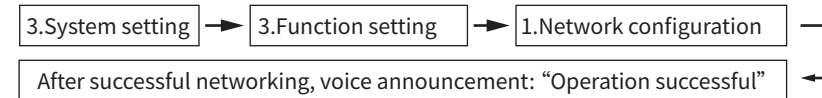
• Recognition tips



Note : Turn on the recognition prompt, when the human body sensor wakes up, the voice prompt: “Please record the positive face”.

(3)Function Setting

①Network configuration



Note: Dual verification is only for normal key unlocking, two different normal user keys have to be verified to unlock the door successfully, the administrator user can unlock the door directly.

② Lock volume

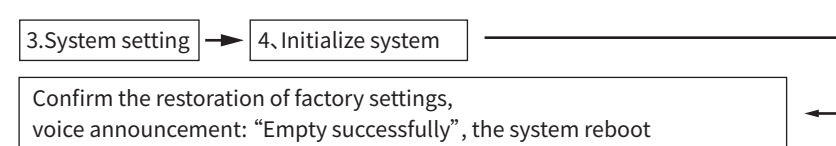


③ Dual verification



Note: After restoring the factory settings, the user data will be completely emptied, users should be careful.

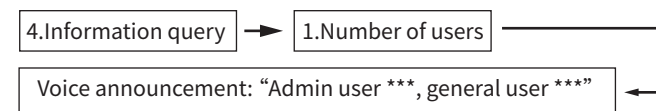
(4) Initialize system



Note: After restoring the factory settings, the user data will be completely emptied, users should be careful.

4.Information query

(1) Number of users





Tuya App Instructions

Installation and setting instruction



SLIM SMART DOOR LOCK

① Add administrator to door locks

- ① light up the door lock screen, click on the touchpad [*] + [#], enter the verification administrator, the administrator password default is [123456], click on the [#] sign to confirm, (different models of door locks, the initial administrator password may differ);
- ② Select [Administrator Settings], [Enter Administrator], select the administrator number to be entered, and click [#] to confirm;
- ③ Enter the 6~15-digit administrator password and click the [#] sign to confirm. Enter it again and confirm by clicking on the [#] sign;
- ④ Wait for the display to go down or click the [*] sign continuously to exit the setting;
- ⑤ Other door lock users are set up as normal door locks.

② Equipment addition process

2.1 APP DOWNLOAD

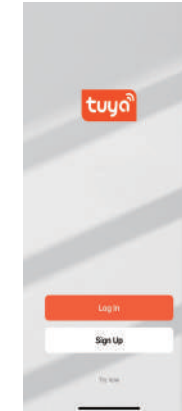
Search "Tuya Smart" in various application markets or scan the QR code below to download.



② Equipment addition process

2.2 Sign Up/ Login/ Forgot Password

After downloading and installing the app, you can register if you don't have an account, and you can choose the login screen to log in if you have an account, and you can reset your password by retrieving it if you forget it.



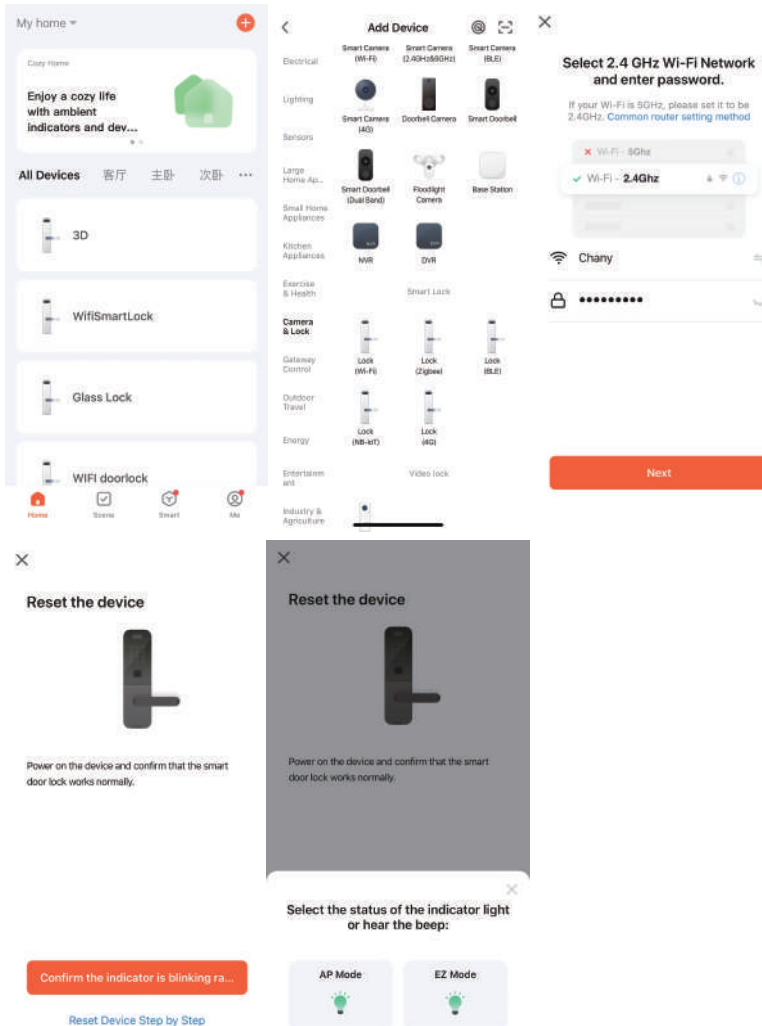
2.3 Add Tuya WIFI Lock

- ① To ensure that the door lock has added an administrator user before you can add the Tuya WIFI lock, please see "Add administrator to door locks";
- ② When you are ready to add devices, click "Add Device" or "+" at the top right of the app to enter the "Add Device" page;
- ③ Click on "Camera& Lock" and find "Lock (Wi-Fi)" to access it;
- ④ Select 2.4GHz Wi-Fi network and enter the password into the next step, if you do not open the GPS positioning, open this page will prompt the need to open the cell phone positioning right root, go to the phone settings to open;
- ⑤ Short press the setup button and wait for the Wi-Fi module indicator to flash rapidly, i.e. enter the wiring mode;
- ⑥ Mobile side selection of flash (0.5/1 time) for pairing;

② Equipment addition process

⑦ Wait for the successful addition, modify the [Device Name], click [Finish].

Note: The matching speed varies according to the WIFI channel congestion status, about 15~50 seconds, the matching timeout is 90 seconds, you can observe the status of the Wi-Fi module indicator to determine if the matching mode has been exited.



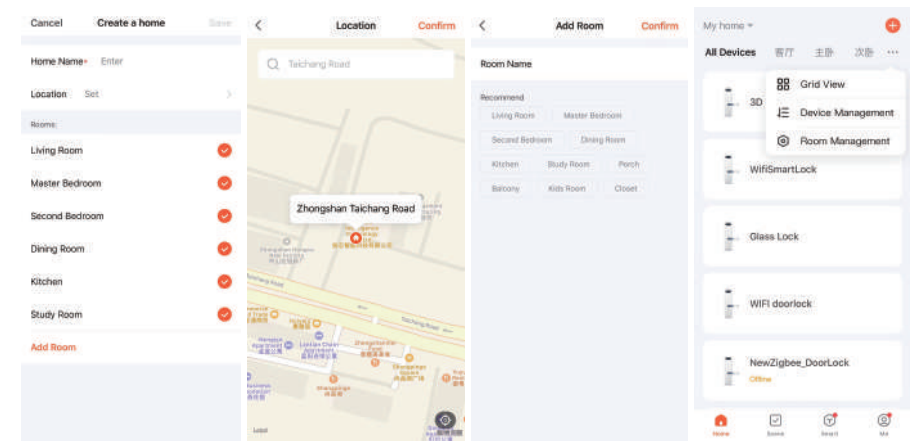
③ Home/ Member Management

3.1 Home Management

① After logging in to your account, click "Me" -> "Home Management" to enter the "Create a home" page, as in Figure 1; "Home Name" can be manually entered to customize it;

② Click on "Family Location" to enter the map page, you can manually move the family coordinates to change the address, and click on "Confirm" after the address, as in Figure 2;

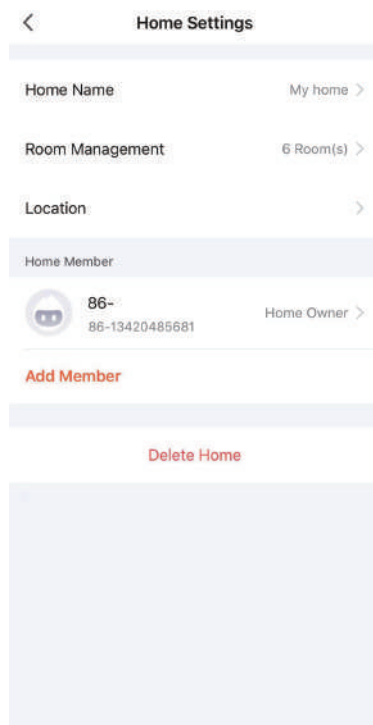
③ Click "Add another room" to add room information, as shown in Figure 3, and click "Finish" in the upper right corner to complete the room settings. You can also modify the room settings at any time by clicking the "..." button on the page, as shown in Figure 4;



③ Home/ Member Management

3.2 Home Settings

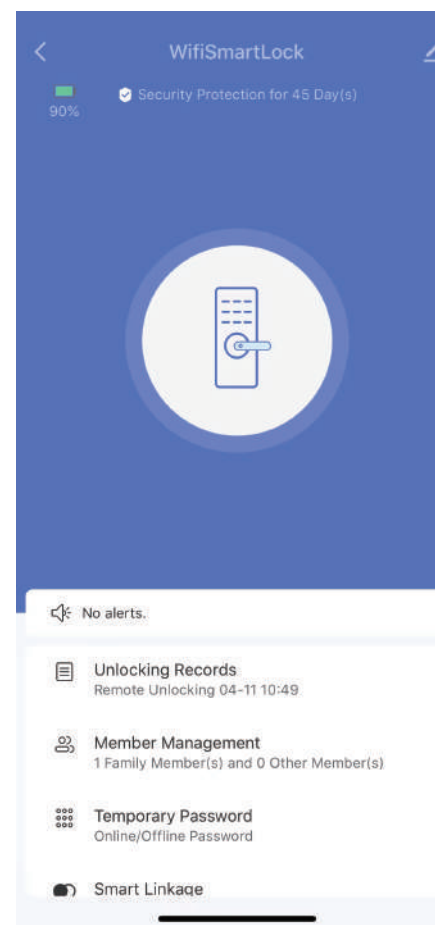
Click Tuya App "Me" → "Home Management" → My home, enter the setting interface.



- ① The ability to invite targeted users into the family by adding members;
- ② Added members will receive a pop-up alert in the app, which you can choose to accept or reject, and will also be alerted in the message center;
- ③ The family owner can set "Administrator" and "General Member" permissions for the invited family members;

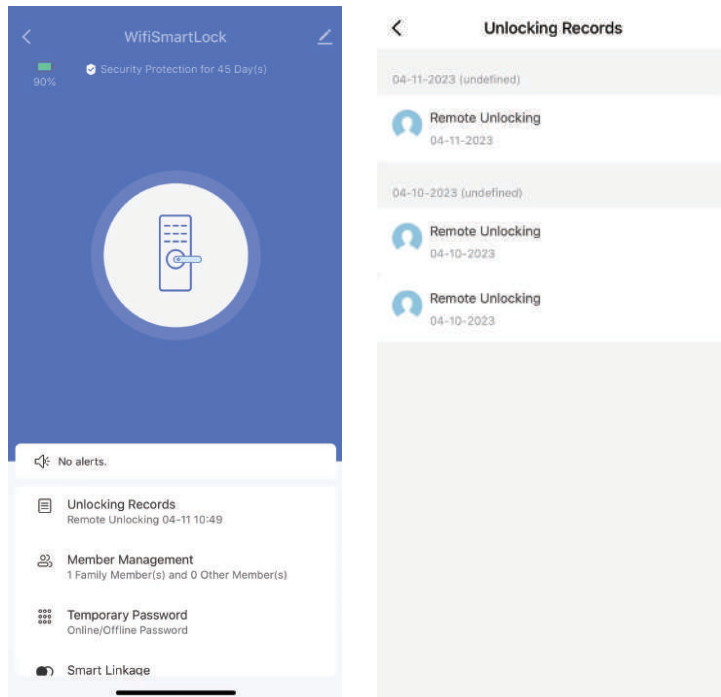
④ WiFi door lock APP application

The door lock APP can be used for remote unlocking, dynamic password unlocking, member management, record query, temporary password management, etc., as well as low pressure alarm, lock picking alarm, continuous trial and error alarm, doorbell call and other record-based functions. The following is a separate demonstration of the "remote unlocking", "dynamic password unlocking" and "temporary password unlocking" functions that are prone to problems.



⑤ Remote Unlock Function

- ① Ensure that the WIFI module is connected to the cloud and the app can view the device
- ② Press "9" + "#" at the door lock to wake up the graffiti module, the module indicator will light up. (Some of the door locks are touch bright that wakes up the module, do not need to press 9#, please operate according to the actual situation).
- ③ The button of "click to open the door remotely" will appear on the home page of the APP interface, and will confirm whether to open the lock after clicking;
- ④ After confirming the unlocking, the door lock will be unlocked, and the APP will have the record of remote unlocking reported (Note: The initialized state has no record reported, and a user needs to be entered to have the open door record reported).



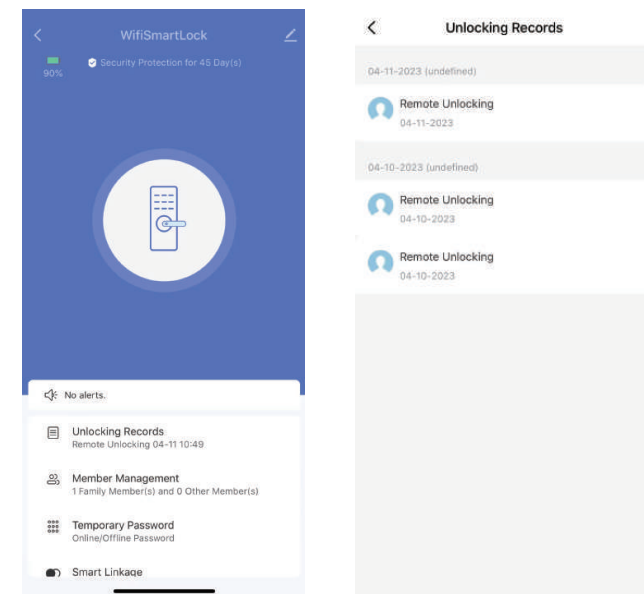
⑥ One-Time Password

- ① First ensure that the wireless module has been detected on the door lock side, specifically to see the detection information at power-up, as follows;



- ② Ensure that the time at the door lock is accurate with Beijing time, if the door lock time is not set, please manually enter the administrator setting interface to set the correct time (Note: Some screenless devices do not have time display or broadcast, you can ignore this step);
- ③ Click on "Temporary Password" under the remote dynamic password on the APP side to get the password;

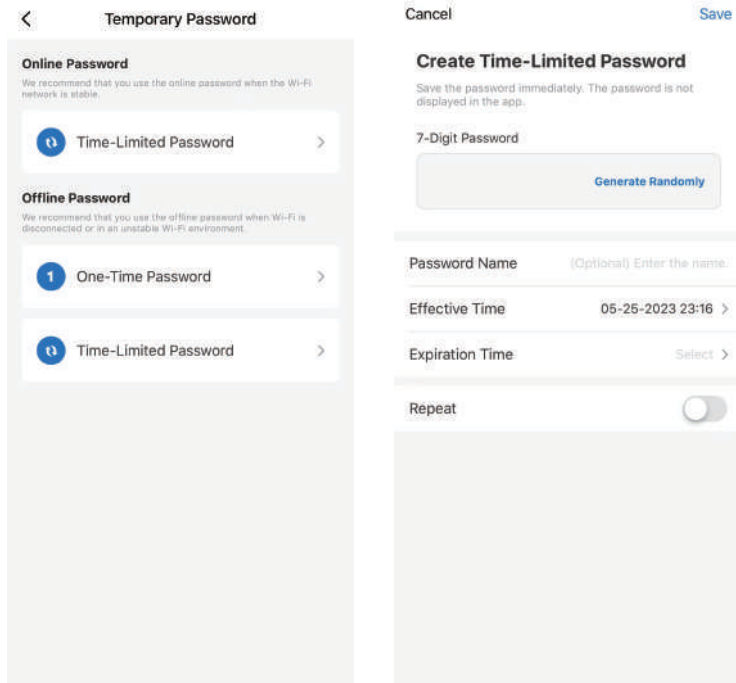
4. Enter the dynamic password, unlock the door lock end after successful verification, and report the unlocking record.



⑦ TiTime—Limited Passwordme

- ① Similar to the One-Time password, first ensure that the wireless module is detected on the door lock side and that the time is calibrated;
- ② Create a temporary password in the APP, enter the password, name and valid time, and it will show "To be issued" after creation;
- ③ Click "Time- Limited Password", press "Add" and then edit name and select temporary password usage time
- ④ Enter the temporary password, and after successful verification, the door lock end will be unlocked and report the door opening record. (Note: Unlike the dynamic password, there is no need to enter the password after waking up the module here)

Note: The temporary password can be unlocked unlimited times within the valid time period



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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.
- 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.