



**Frontlock Smart
Fingerprint Lock**



tuya Frontlock Smart Fingerprint Lock User Guide

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tuya Frontlock Smart Fingerprint Lock



Before using this product,

please read this product manual carefully About This Product Manual

1. In order to correctly install and use this series of smart door locks, please be sure to read this product manual carefully;
2. The manual describes in detail the structure, installation, system Settings, basic parameters, fault analysis and investigation, warranty regulations and after-sales service of the product;
3. Emergency spare mechanical keys need to be placed at least one outside, can be placed in the private car, parents, children or office and other safe places, to prevent the door lock without power or unexpected failure can use the spare mechanical key to enter the home, to avoid being trapped outside the door and explosion;
4. Inline with the principle of continuous development of the enterprise, the enterprise may modify the product manual, packaging box and the product itself without any notice.
5. If the appearance of the received product does not conform to the manual, please accept it according to the physical object.

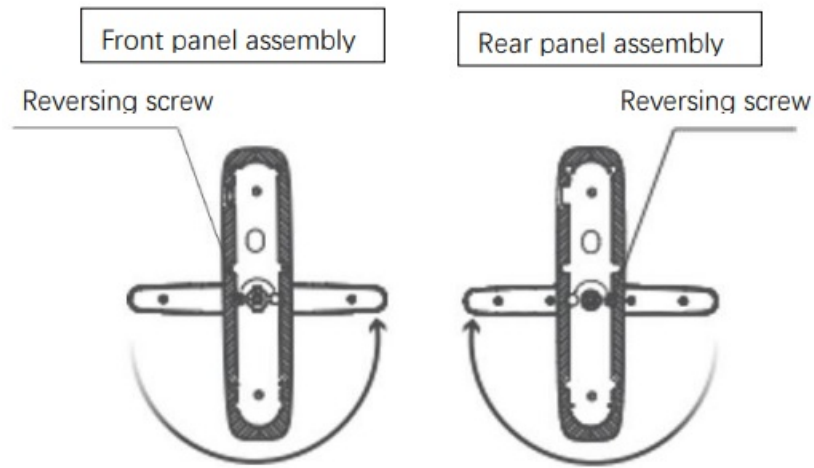
Product List

- Front lock x 1
- Rear lock x 1
- Installation package x 1
- Certificate x1
- Instructions x1

Right And Left Commutation Regulation

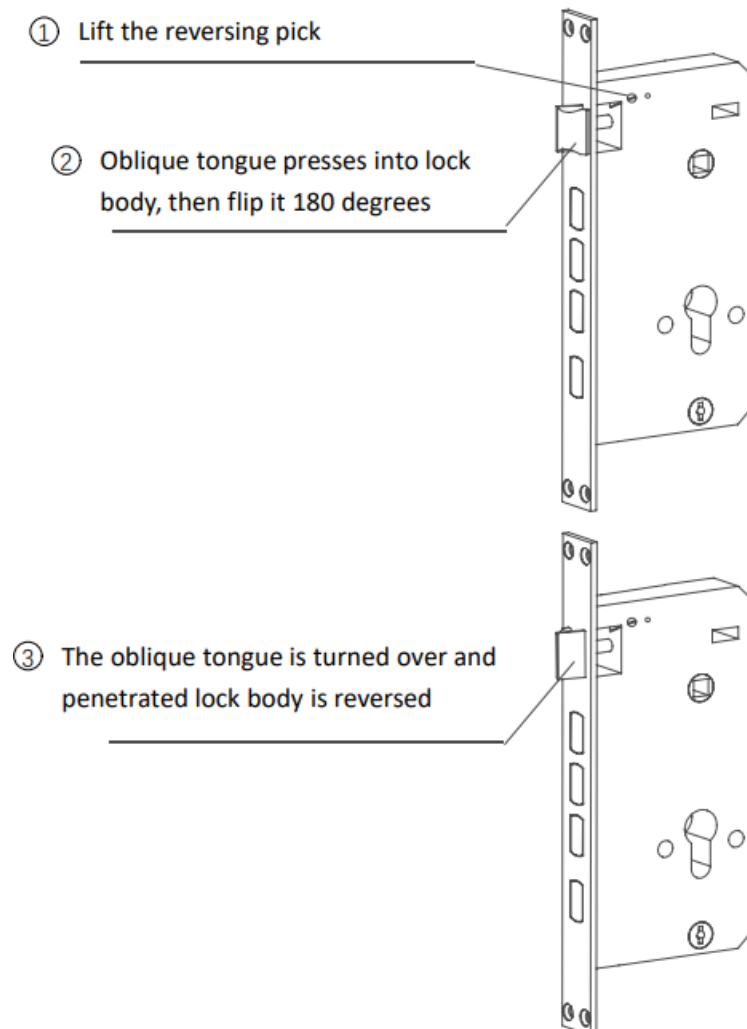
Right And Left Commutation Regulation

Click the “Video intercom – Room-to-Room Calling” icon and enter the call volume.



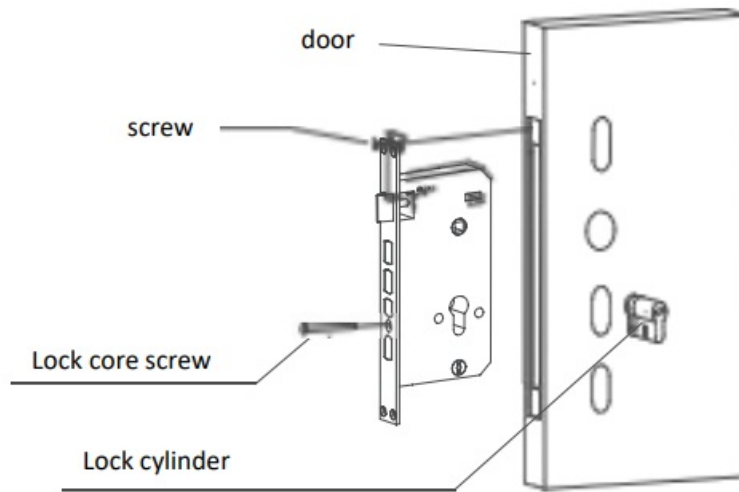
Use a screwdriver to remove the reversing screw, turn the handle 180 degrees counterclockwise to reverse, and tighten the reversing screw on the other side after reversing.

Lock Body Oblique Tongue Commutation



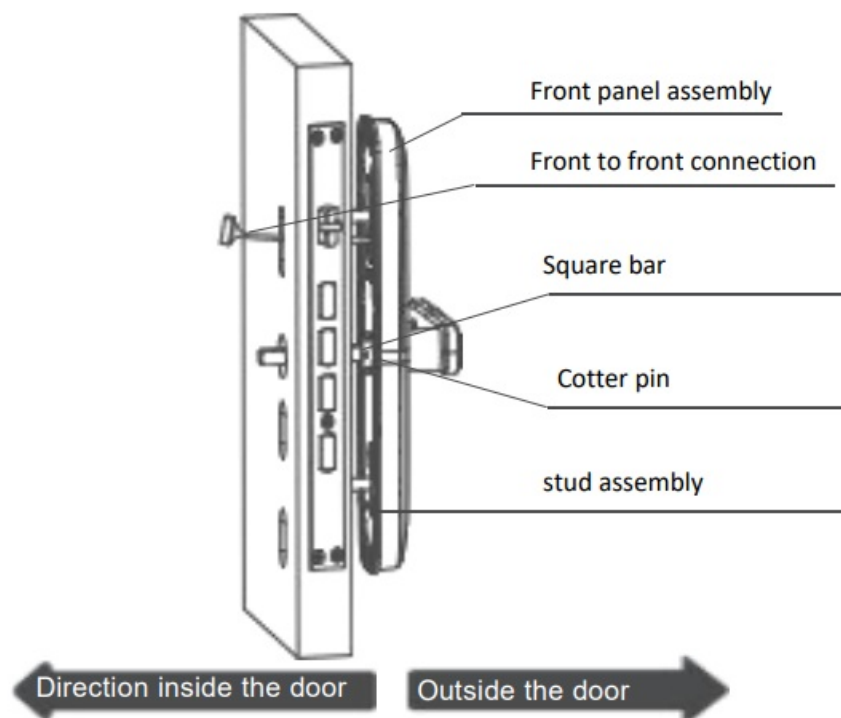
Installation Procedure

Lock body installation



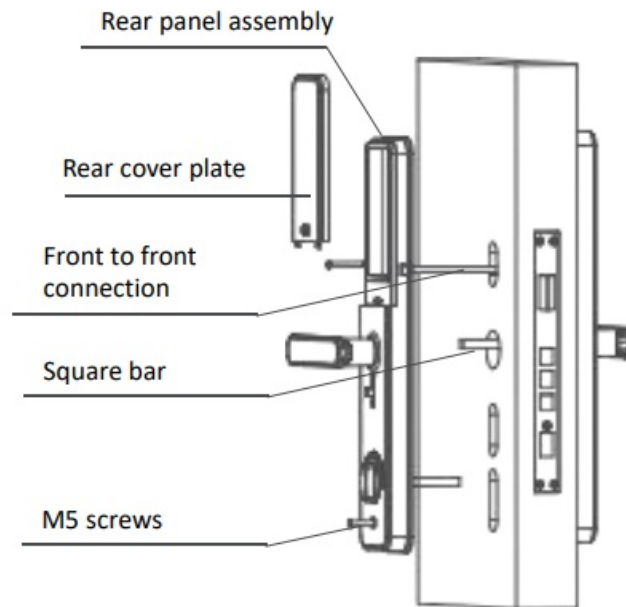
1. Open each mounting hole on the door according to the opening size, put the lock body into the opening lock body hole, and fix the lock body on the door with screws;
2. Insert the lock core(key-opening facing the door) into the lock core hole on the lock body, twist the lock core screw into the lock core screw hole, and fix the lock core.

Install front lock components



1. Insert one end of the square rod with a small hole into the rod hole above the front panel assembly, and insert the cotter pin to jam the square rod. Bend the exposed part of the cotter pin with pliers to prevent loose;
2. Twist the stud into the teeth on the front plate assembly and tighten it.
3. Put the front pair wire through the door hole from outside the door\ to inside, and put the square rod through the square rod hole of the production lock body.

After the installation of plate components



1. Press down on the position where the pressure switch pattern is printed on the back cover plate, spring up the back cover plate, and pull up the back cover plate;
2. Insert the front-to-back cable into the corresponding socket in the rear lock assembly;
3. Align the handle square hole of the rear lock assembly with the square rod, align the lock ruler with the upper hole of the lock body, and install the rear lock on the door. (The square rod and lock ruler should be cut to a suitable length if they are too long, and the main line should be arranged and placed in the door hole to avoid crushing the line in the lock);
4. Pass two M5 screws through the screw holes on the rear panel assembly, align the screw holes on the front lock stud and twist the screws in, tighten slightly, test whether the handle and knob are smooth, if they are not smooth, adjust the rear panel assembly slightly, and tighten the screws to fix the door lock after smooth rotation (the length of the M5 screw is cut to the appropriate length according to the thickness of the door);
5. Put in the battery, insert the bottom pin of the rear cover into the buckle, and press the position in the pressure switch pattern to make the rear cover fasten to the rear panel assembly.

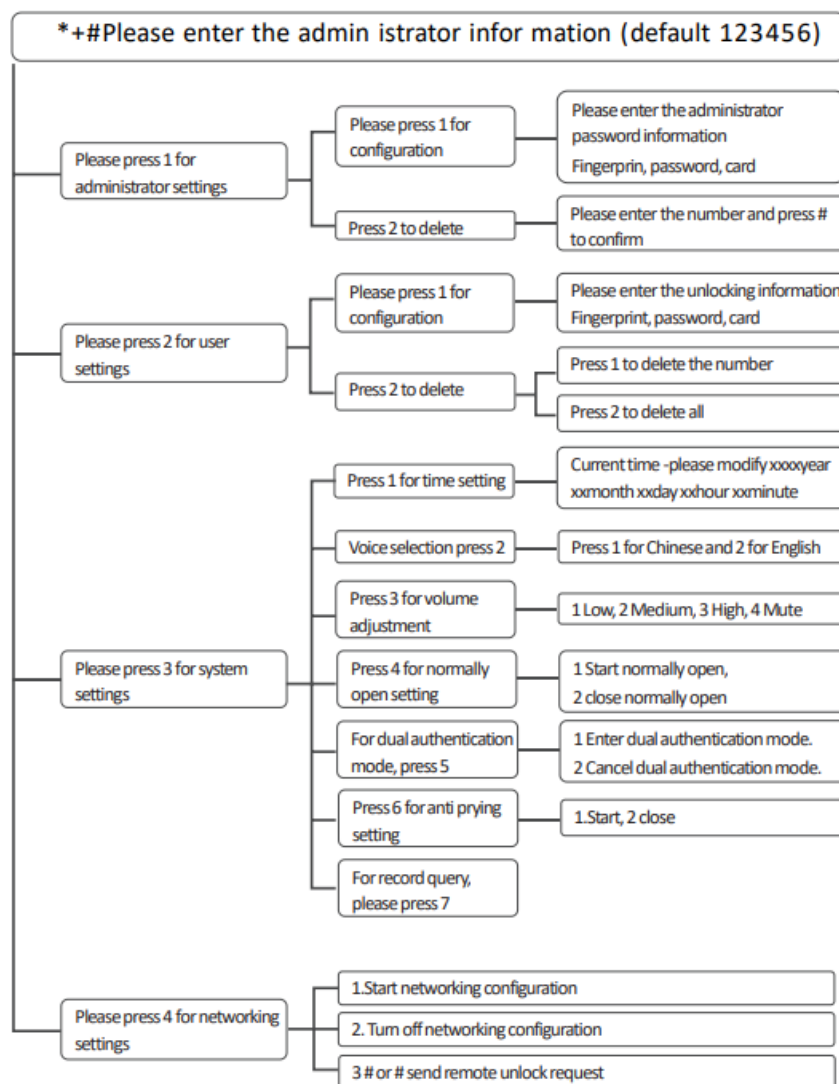
Fingerprint needs to be input from multiple angles



Function and operation

1. Administrator information: refers to the administrator's fingerprint, password or IC card.
2. Unlocking information: refers to the entered fingerprint, password or IC card information (including administrators and ordinary users)
3. "*" key: it is the clear key / back key.
4. "Key #" is the confirmation key.
5. In the initial state, any fingerprint, IC card or six digit or more passwords can unlock.
6. After the administrator information is entered, the fingerprint, IC card or password that is not entered cannot be unlocked.
7. Access to door lock function management

Operational Guidelines



Other instructions

1. If the unauthorized unlocking information is input incorrectly for more than 5 times in a row within 5 minutes, the system will automatically enter the invalid input state (locked state), Invalid input status duration is 90 seconds.
2. Password anti-snooping function: when opening the door with\ password, enter 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 what you enter.
3. The system will exit automatically if there is no operation for more than 10 seconds.

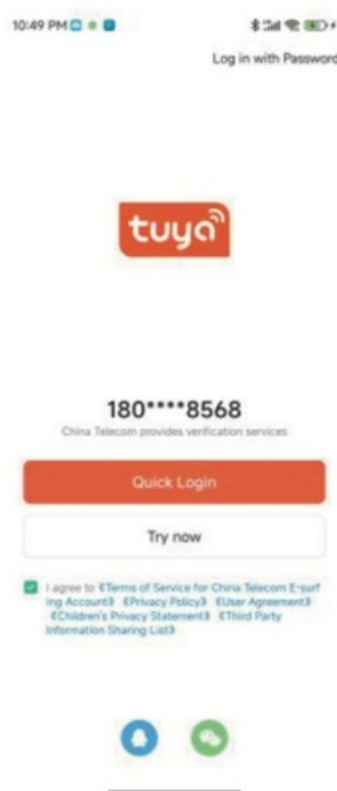
4. When the voltage is lower than 4.8V, the alarm will be given automatically every time the door is unlocked. After the alarm, the rear door lock can be unlocked 100 times. After the number is exceeded, the unlocking will be delayed for 5 seconds each time. Be sure to replace the new battery before the number of unlocking times.
5. Press and hold the set key for 6 seconds to initialize.

Tuya Application Networking

1. Download and install the application software “TuyaAPP” on the mobile phone (as shown in the figure)



2. Open the “Tuya APP” location, enter the “registration” interface, and click “mobile number / y email” to register the relevant account



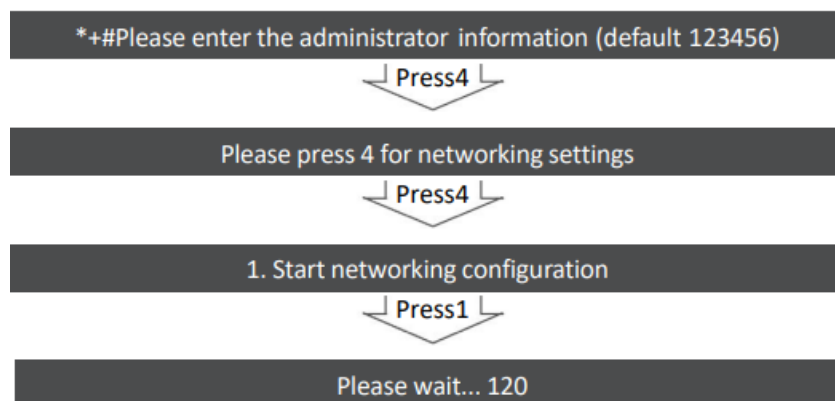
3. After completing the registration, you will automatically enter the main interface, click “+” in Figure 1 at the top of the screen, then click\ “add device” in Figure 2, click “camera / lock” in Figure 3, find “Wi-Fi” and click



4. The page automatically jumps to the select Wi-Fi interface. The mobile phone connects to Wi-Fi first, selects a WiFi hotspot\ connected to 2.4G or a WiFi hotspot without a password, enter the “Wi-Fi password” to connect, and then click “next”



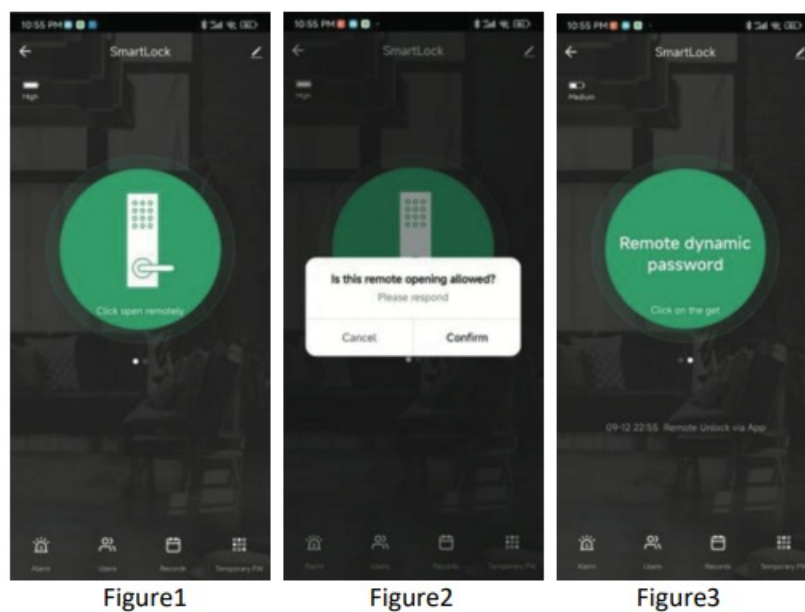
5. Lock connection network signal setting. “5” key will flash during waiting



6. Then operate the “Tuya app” and click “confirm that the keyboard light flashes”. 2. Click the Wi-Fi quick connect page to automatically jump to 3. After finding the device, automatically jump to 4. Wait for completion. After adding successfully, click “finish” to connect the device successfully.



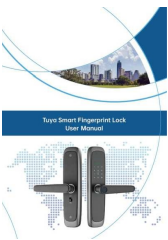
7. After the device is successfully connected, tap the wake-up smart lock interface and press “9 #” to request unlocking. After receiving the unlocking request, the app control interface will automatically pop up “Click to open the door remotely?”, After confirming that it is safe In this case, click “confirm” to unlock remotely. You can also click “remote dynamic password” to generate a dynamic password and input the door lock to open the door. (dynamic password is valid within 5 minutes)



| Project | Parameter |
|--|--------------------------------|
| Fingerprint Sensor | Semiconductor fingerprint head |
| Quiescent Current | $\leq 50\mu\text{A}$ |
| Dynamic Current | $\leq 180\text{mA}$ |
| Number Of Administrators | 10 groups |
| Number Of Fingerprints | 50 groups |
| Fingerprint + Password + Card Capacity | 250 groups |
| Rejection Rate | $\leq 0.1\%$ |
| False Admission Rate | $\leq 0.0001\%$ |
| Induction Time | ≤ 0.5 seconds |
| Power Supply Type | 6V |
| Emergency Power Supply | Typec 5V2A |
| Working Temperature | -25°C~60°C |
| Working Relative Humidity | 20%~90%RH |

| | |
|------------------------------|------------------------------------|
| Keyboard | Touch the standard 12 bit keyboard |
| Password Length | 8 bits |
| False Password | 16 bits |
| Low Voltage Alarm Voltage | 4.8±0.2V |
| Adaptor Lock | 5050 / 6068 / 6072 / 6085 |
| Antilock Configuration | Mechanical anti-locking |
| Lock Core Standard | Class C/Class B+ lock core |
| Set Weight | 1.63 kg |

Documents / Resources

| | |
|---|--|
|  | <p>tuya Frontlock Smart Fingerprint Lock [pdf] User Guide Frontlock, Rearlock, Frontlock Smart Fingerprint Lock, Frontlock, Smart Fingerprint Lock, Fingerprint Lock, Lock</p> |
|---|--|

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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