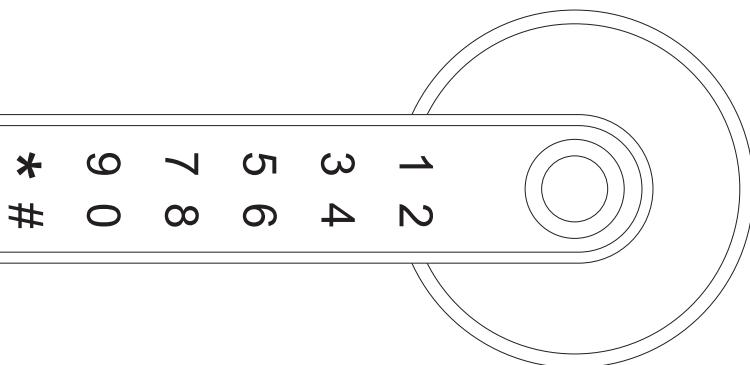


# SMART LOCK OPERATION MANUAL



Thank you for purchasing our SMART LOCK, in order to better use the product, please read carefully and operate the SMART LOCK according to the manual before use.

# Handle smart lock installation instructions

## 1. Description of door lock accessories

A



Front handle

B



Spring

C



Headless screw  
x2

D



Connecting stud  
x2

E



Screw  
x2

F



Spindle

G



Rear handle

H



Mortise

I



Mortise box

J



Mortise plate

K



Screw  
x2

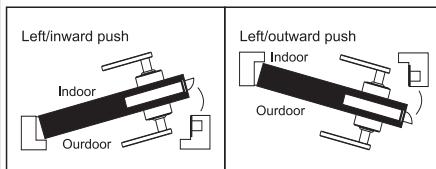
L



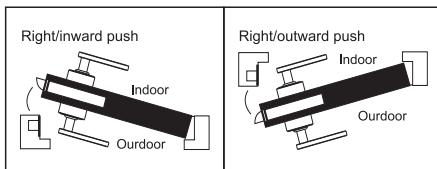
Mechanical key  
x2

## 2. Select the direction of opening the door

### (1) Left opening

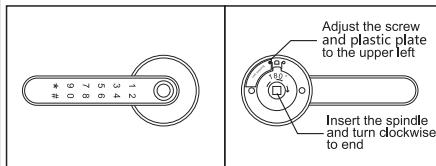


### (2) Right opening

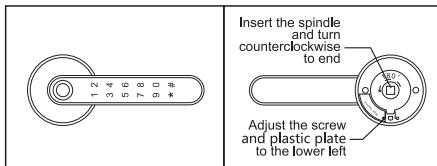


## 3. Left and right door opening direction adjustment

### (1) Left door opening direction



### (2) Right door opening direction



## 4. Installation Precautions

(1) In order to ensure successful installation, do not use excessive force when tightening the screws to avoid damage to the lock



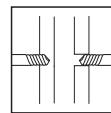
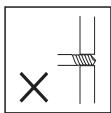
(2) Use the correct set of screw tool



(3) Wear eye protection when making door openings to avoid eye damage



(4) In order to prevent unnecessary damage to the door, when making the door holes, please make them from both sides, do not make it from one side.



## 5. Installation Notes

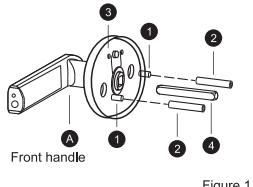


Figure 1

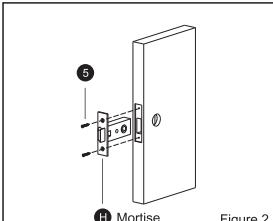


Figure 2

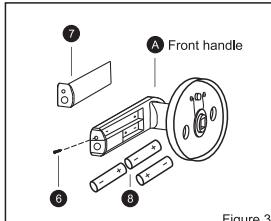


Figure 3

(1) Install two headless screws (C) on the front handle (A)

(2) Install two connecting studs (D)

(3) Adjust the screw according to the left and right door opening direction

(4) Insert the spindle (F) to the end and according to the left and right door opening direction, turn clockwise or counterclockwise to end

(5) Install the mortise (H) and fix it with two screws (K)

(6) Unscrew the bottom screw

(7) Open the battery cover

(8) Install 3\*AAA batteries, close the battery cover and screw back the screw and test whether it is powered on

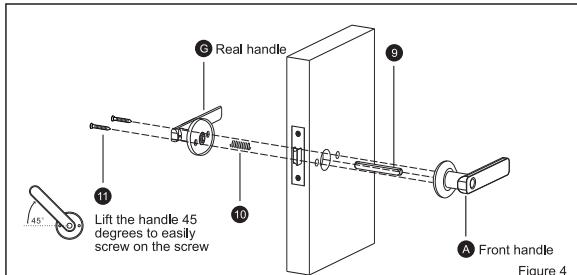


Figure 4

(9) Insert the spindle (F) on the front handle (A) through the door

(10) Install the spring (B) on the rear handle (G), push the spindle into the spring and install it into the rear handle

(11) Screw on 2 screws (E)

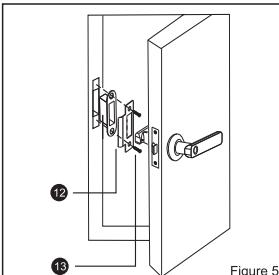


Figure 5

(12) Install the mortise box (I) and mortise plate (J) on the door frame

(13) Install 2 screws

(14) Test whether the lock is opened/unlocked/locked well

## 6. Post-installation testing

(1) The bolt panel and the door edge must be in a horizontal state

(2) All parts on the lock body can work normally and smoothly

(3) The front and rear handles must be vertical and not loose

# Handle smart lock operation instructions

Note: This smart lock is mainly divided into lock terminal operation and mobile APP terminal operation

## Part 1: Main Menu Description

Touch the keyboard to wake up the smart lock, press the following shortcut keys to enter the main menu :

Press "1#" to active the APP Bluetooth network configuration, the operation time is 60 seconds

Press "2#" to enter the fingerprint or password record operation , the operation time is 10 seconds

Press "3#" to enter the always open mode, the operating time is 10 seconds

Press "4#" to enter the lanuage switching operation, the operation time is 10 seconds

Press "5#" to enter the volume adjustment operation, the operation time is 10 seconds

## Part II: Lock-terminal Operation

### 1. Operation Instructions:

- \* When no fingerprint or password is recorded, any fingerprint or initial password "123456#" can be unlocked;
- \* once fingerprint or password is recorded, non-pre-registered fingerprint or password cannot be unlocked!
- \* After the fingerprint or password is recorded, other operations can be performed only after the administrator has passed the verification.

#### (1) Add fingerprint:

- \* When the administrator's fingerprint is not recorded, enter "2#" to enter the fingerprint and password recording state, and the voice prompts "Add user, registration starts";
- \* When the administrator's fingerprint has been recorded, enter "2#" to enter the fingerprint and password recording state, the voice prompt "Add user, verify the manager", after the verification of the administrator fingerprint is passed, the voice prompt " operation success, registration starts ".
- \* Put the finger you want to add at the center of the fingerprint collector, if the fingerprint is successfully collected, the voice prompt " registration again", if the acquisition is not successful, the red light will flash once and the voice prompt "registration fails". It takes 5 successful acquisitions. After all the acquisitions are completed, the green light will be on and the voice prompt "registration success", indicating that the fingerprint addition is completed.

\* During the recording process, the green light will keep flashing to indicate the input status. The pressing of finger requires multiple angles to collect, which is beneficial to the expansion of the database and to the sensitivity of judgment!

\* The first three fingerprints recorded are administrators.

#### (2) Add password:

\* When the administrator's fingerprint is not recorded, enter "2#" to enter the fingerprint and password recording state, the voice prompts "Add user, registration starts ";

\* When the administrator's fingerprint has been recorded, enter "2#" to enter the fingerprint and password recording status, the voice prompts " Add user, verify the manager ", after the verification of the administrator fingerprint is passed, the voice prompt " operation success, registration starts ".

\* Enter the password you want to add (only 6-digit passwords are supported) and press the confirmation key# (if the input is wrong, select by pressing "\*" key), if the entry is successful, the green light will be on for 3 seconds and a voice prompt "registration again"; Repeat the password and press the confirmation key#, if the input fails, the red light will be on for 3 seconds and a voice prompt "registration fails"; if the input is successful, the green light will be on for 3 seconds and a voice prompt "registration success".

\* During the recording process, the green light will keep flashing to indicate the recording status

(3) Setting of the always open mode (the door will not be locked when closed):

\* When the administrator's fingerprint is not recorded, enter "3#" to turn on the always open mode, and the voice prompts "always open mode is activated";

\* When the administrator's fingerprint has been recorded, enter "3#" to select the always open state, and the voice prompts "always open mode, verify the manager". After the verification of the administrator's fingerprint is passed, the voice prompt "operation success, always open mode is activated".

\* Turn off the always open mode, enter the fingerprint or password to unlock the lock, the always open mode will be automatically canceled, and the voice prompt "always open mode is turned off"

(4) Language switching (English or Chinese):

\* When the administrator fingerprint is not recorded, enter "4#" to switch the language directly, and voice prompt the current language type;

\* When the administrator's fingerprint has been recorded, enter "4#" to select the language switching state, and the voice prompts "language switching, verify the manager", After the verification of the administrator's fingerprint is passed, the voice prompt the current language type;

(5) Volume adjustment:

\* When the administrator fingerprint is not recorded, enter "5#" to enter the volume adjustment state;

\* When the administrator's fingerprint has been recorded, enter "5#" to enter the volume adjustment state, and the voice prompts "verify the manager". After verifying the administrator's fingerprint, it will enter the volume adjustment state.

Volume setting process: Enter "1#" (minimum sound)

Enter "2#" (whisper)

Enter "3#" (loud)

Enter "4#" (normal sound)

Turning off the volume is not supported.

Note: The volume can be turned off through the APP operation.

(6) Low voltage protection: When the battery voltage is too low, press any fingerprint button, the red indicator light will continue to flash for 5 seconds to indicate that the batteries needs to be replaced (3\*AAA batteries). When the voltage is low, it is not able to record, set the always open mode, restore the factory settings, and perform language switching.

(7) Unlock: Enter the fingerprint or password, if the fingerprint or password is correct, the green light will be on for a short time, the motor will rotate to unlock, and the motor will automatically rotate to lock after 3 seconds; if the fingerprint or password is incorrect, the red light will be on for a short time as a warning.

(8) Locking: automatic locking.

(9) MICRO-USB backup power interface: When the 3\*AAA batteries are exhausted and cannot be unlocked normally, you can connect the power bank to open the door in an emergency, and then replace the new 3\*AAA batteries.

(10) Mechanical key: When the 3\*AAA batteries are exhausted and cannot be unlocked normally, or when the system fails, the mechanical key can be used to unlock. Usually, it is recommended to place the mechanical key outdoors (such as in the car or other places).

(11) Restore the factory settings: When the system fails, turn the mechanical key 90 degrees until you hear a "beep" sound, keep it for about 15 seconds, until the voice prompt: "factory reset", then turn the key back, the voice prompt: "factory reset success".

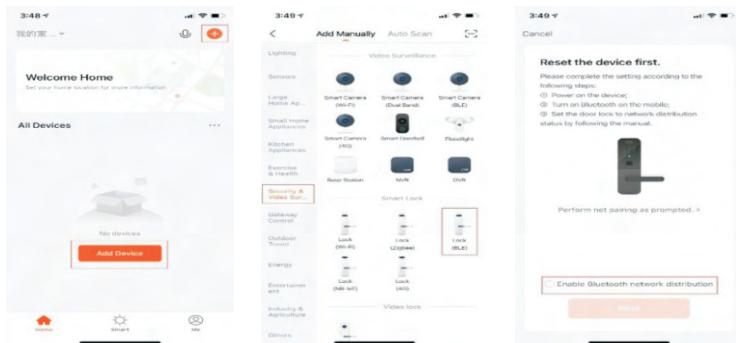
(12) Dead-lock: Push the dead-lock switch on the indoor handle to lock the door, and the door cannot be unlocked in any way outside the locked state.

### Part 3: Mobile APP Operation

Please search for "Tuya smart" from the mobile application market or scan the following QR code with your mobile phone to download and install "Tuya smart" software:



After registering the user in the APP, enter "1#" at the lock terminal to enter the Bluetooth network configuration state, select "lock (BLE)" in the APP to add "Security & video surveillance" and connect the smart lock to the APP according to the prompts



## 1.Member Management

(1) Member Management:Click "Member Management" and select "+" in the upper right corner.

(2) Family Member

The first registered family member is the administrator, click "Family Member" → "Add" → "Name" → "Save", Add members via App account.

Family member just go to "Me"→"Home Management" →Find the family where they are located, and accept the invitation to add them successfully.

Delete family members: "Me"→"Home Management"→"My Home"→Press the family member you want to delete, and select "Remove member".

(3) Other members

Select "Member Management" → "Other Member" → "+" in the upper right corner to add other members.

The Validity Period and Effective Period must be set.

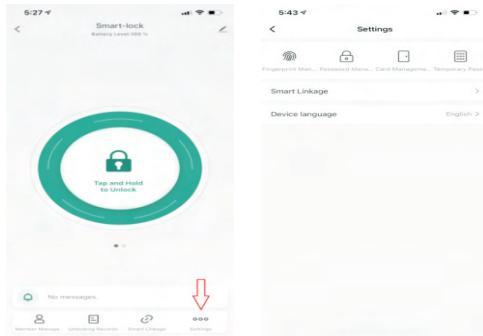
## 2.Unlocking method

1.The first method: You can directly add fingerprints, passwords, and dynamic passwords in the specific user interface under "Member Management".

2.The second method: add it in the setting interface.

3.The difference between the two methods: The first is to add an unlocking method (such as fingerprint, password) for a particular user; the second is to correspond to a certain unlocking method (such as fingerprint, password) under the specific unlocking method (such as fingerprint, password) to a particular user.

4.The second method is introduced below



a) Fingerprint management:

Add fingerprint: After selecting a user, follow the prompts to enter it. Total number of fingerprint groups that can be added: 40 groups (including fingerprints of administrators and ordinary users).

Note: Only after the administrator's fingerprint (at least one) is entered, can other users' fingerprints be entered (otherwise, the entry failure will be prompted), and the first fingerprint of the administrator cannot be deleted; The fingerprints under the administrator have administrator attributes (such as verifying the administrator's fingerprint when the factory is restored).

## b) Password Management:

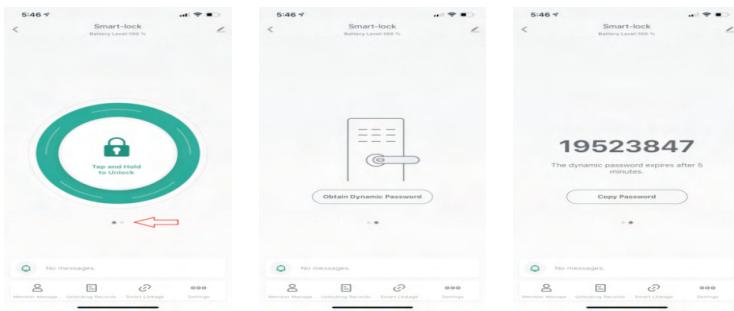
Add password: The password can be randomly generated or entered by the user. The password has 6 digits and a total of 40 groups of passwords.

5. If the user has a time limit (non-permanent user), and the battery has been changed or the lock terminal has been powered off, this user cannot unlock the lock, and can only operate after connecting to the APP to update the time limit.

### 3. Dynamic password

1. This function does not support virtual password.

2. The dynamic password operation process is as follows:

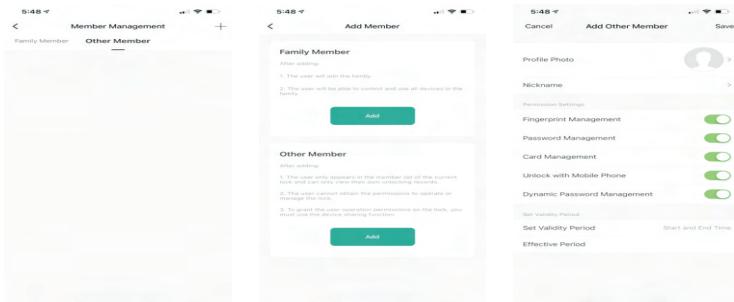


On interface 1: slide your finger to the left; enter interface 2; click "Obtain Dynamic Password" on interface 2 to generate a dynamic password;

3. Enter the password at the lock end to unlock.

### 4. Time Limit Password

1. You can set up a time limit password for the added members. This function is a necessary option for adding other members. Only when the time limit is selected can you add other members.



## Part 4: List of Indicator Light Status and Buzzer Working Status

State	Red LED indication	Green LED indication	Remark
Add fingerprint	Failure, short light 1 time; voice prompt "registration fails"	Blinking; once the input is successful, the voice prompts "registration again"; after 5 consecutive additions are successful, the green light is on and prompts "registration success"	When the administrator's fingerprint is not recorded, enter "2#" to enter the fingerprint and password recording state, and the voice prompts "Add user, registration starts"; When the administrator's fingerprint has been recorded, enter "2#" to enter the fingerprint and password recording state, the voice prompt "Add user, verify the manager", after the verification of the administrator fingerprint is passed, the voice prompt "operation success, registration starts"
Add password	Failure, short light 1 time; voice prompt "registration fails"	Blinking; first enter the password (support 6-digit password length), and then press the confirm key; when it prompts "registration again", you need to enter it again; after a group of passwords are successfully entered, the voice prompts "registration success"	When the administrator's fingerprint is not recorded, enter "2#" to enter the fingerprint and password recording state, and the voice prompts "Add user, registration starts"; When the administrator's fingerprint has been recorded, enter "2#" to enter the fingerprint and password recording status, and the voice prompts "Add user, verify the manager" after the verification of the administrator fingerprint is passed, the voice prompt "operation success, registration starts"
Fingerprint unlock	If the unlocking fails, it will light up 2 times; the voice prompts "operation fails"	Short light when unlocking is successful; voice prompt "unlocked"	Press the fingerprint successfully, the motor rotates forward to unlock, and the motor reverses automatically to lock
Password unlock	If the unlocking fails, it will light up 2 times; the voice prompts "operation fails"	Short light when unlocking is successful; voice prompt "unlocked"	After the password comparison is successful, the motor rotates forward to unlock, and the motor reverses automatically to lock
Low Voltage Alert	Flash 5 times		Any fingerprint operation

**FCC Warning Statement:** 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. 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 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.

#### **FCC Radiation Exposure Statement**

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co - located for operating in conjunction with any other antenna or transmitter.