



USER MANUAL

SMART DOOR LOCK



Thank you for purchasing our products. Please review this manual thoroughly before operating

WHAT'S INCLUDED

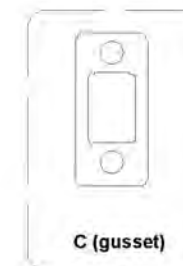
• Installation Accessories Kit



A (front panel)



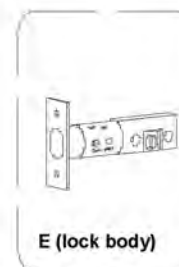
B (rear panel)



C (gusset)



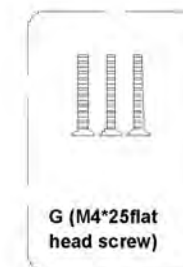
D (buckle box)



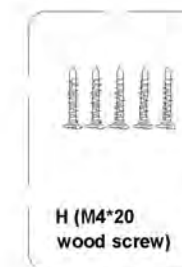
E (lock body)



F (M4*8 flat head screw)



G (M4*25 flat head screw)



H (M4*20 wood screw)



I (key)



J (Batteries)



K (punched paper)

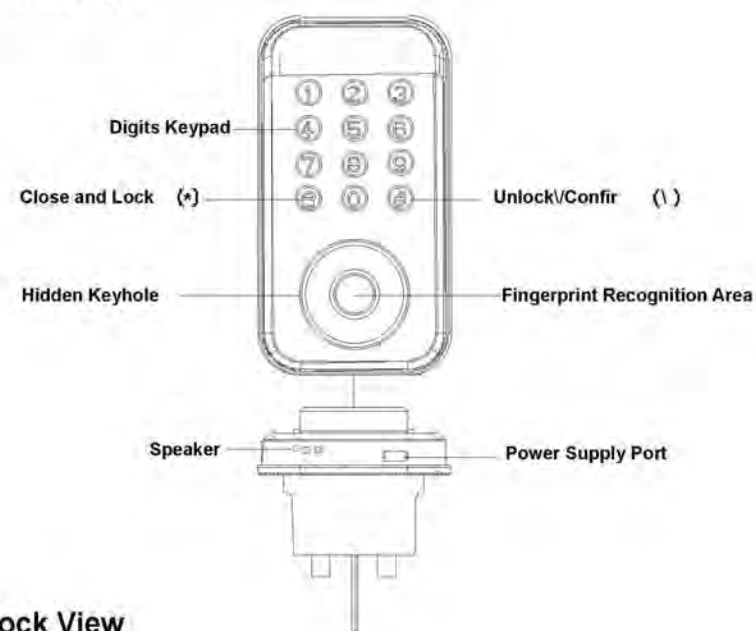


L (M4*M5*40 stud)

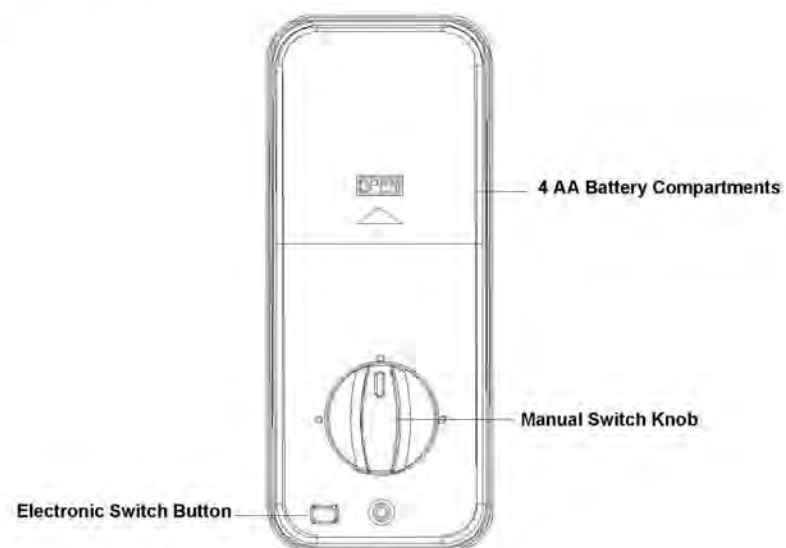
- TIPS: 1. If any parts are missing or damaged, please contact Customer Support.
2. Please keep the mechanical key outdoor for emergency open door!

PRODUCT OVERVIEW

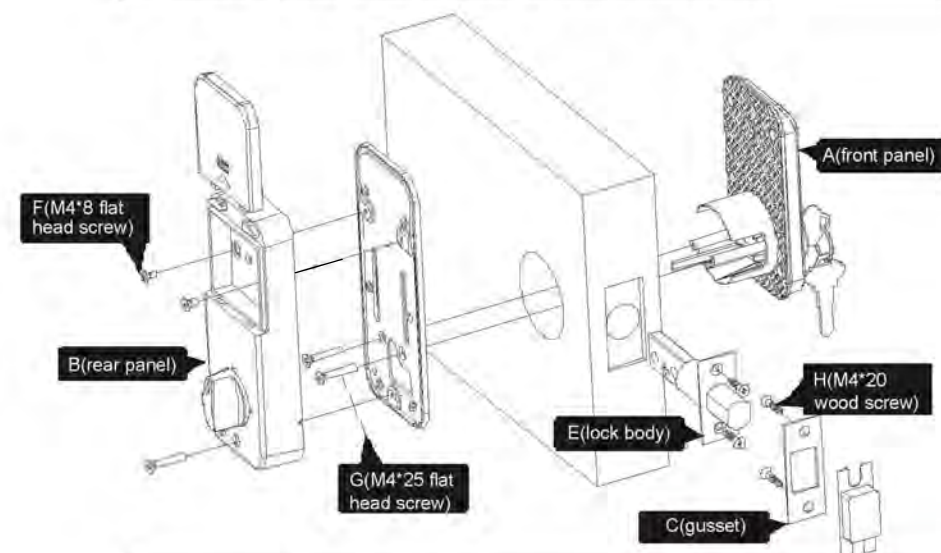
- Front Lock View



- Rear Lock View

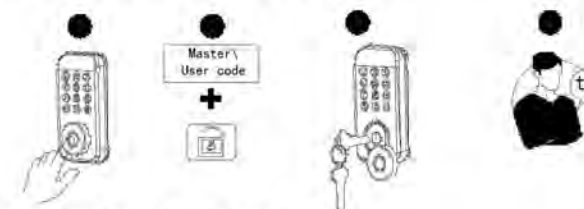


INSTALLATION EXPLODED VIEW



How to Lock / Unloc

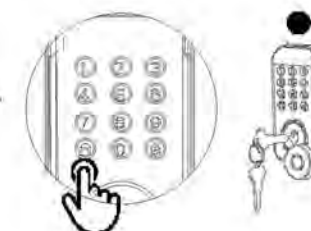
- UNLOCK the door from outside



- LOCK the door from outside

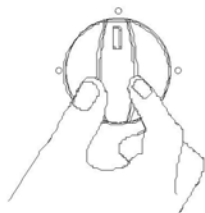
Auto Lock Mode
In Auto Lock mode, the bolt will extend out automatically in 5 seconds after unlocking.

Manual Mode
Touch panel to wake up the device, then press "✓".

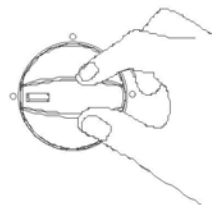


• UNLOCK the door from inside

Rotate the thumb turn to **unlock** position.



Left handed door



Right handed door

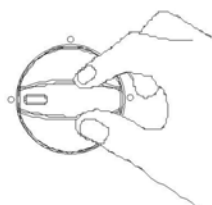
• LOCK the door from inside

Auto Lock Mode

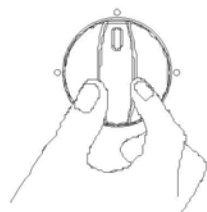
In **auto lock** mode, the device will be locked automatically.

Manual Mode

Rotate the thumb turn to **lock** position.

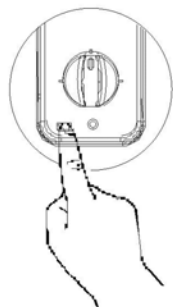


Left handed door



Right handed door

• Electronic Switch Button



Click it to switch between **unlock** or **lock**.

DEFINITIONS

• Master Code

The default master code is 123456.

Before pairing your lock in TuyaSmart App, please do not change the default master code. Required for programming and feature settings. The default master code needs to be changed before programming. Property owner & manager should keep this information confidential!

• Auto Lock

Automatically locks the deadbolt 5 seconds after unlocking. This feature is off by default. You can customize the Auto Lock time delay between 5 to 60 seconds.

• Key Unlock

Key Unlock is always available when the batteries are completely dead or valid User Codes are forgotten.

• Wrong Entry Limit

After 5 unsuccessful attempts at entering an invalid PIN code, the unit will shut down for 1 minutes.

• Silent Mode

The beep sounds when pressing keypad and prompt voice can be muted.

• Passage Mode

Enable Passage Mode, the lock will stay Unlocked until it's locked manually.

• Low Voltage Alarm

When the voltage is lower than 4.7V, the red indicator light will continue to flash 5 times rapidly. And prompt "low battery, please replace the battery", can continue to unlock about 30 times, But mobile apps cannot control it.

NOTE:

Please replace with 4 brand new AA alkaline batteries and do not mix used and new batteries.

• Unlock with Fake Code

User can prevent pin code exposure from strangers by entering random digits before or after pin code.

The total password length is with in 16 digits.

83618 137192 14710

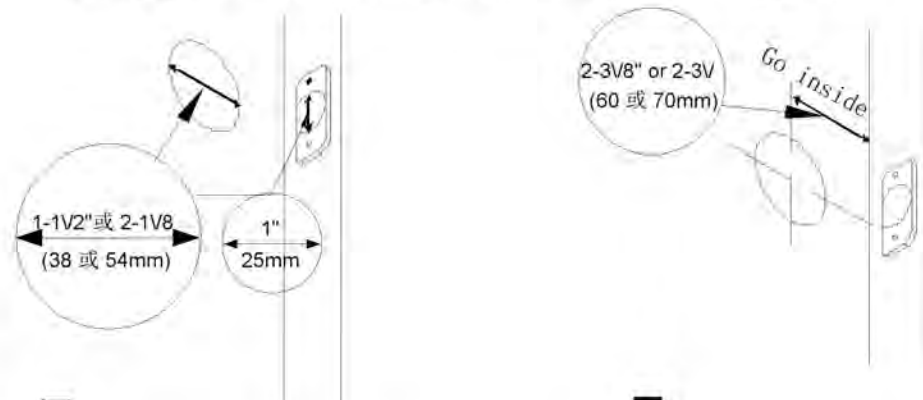
password

Random digits

INSTALLING THE SMART LOCK

• Prepare the door and check dimensions

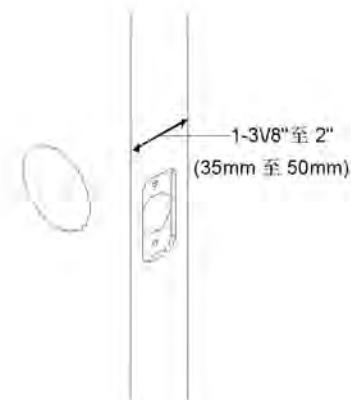
Check your door V frame dimensions to make sure that they fit the following gross bor



Measure to confirm that the hole in the door is 1-1/2" or 2-1/8" (38mm or 54mm)

Measure to confirm that the hole in the door edge is 1" (25mm)

Measure to confirm that the backset is either 2-3/8" or 2-3/4" (60 or 70mm)

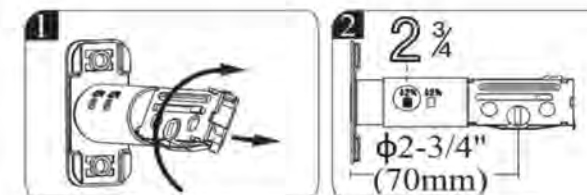
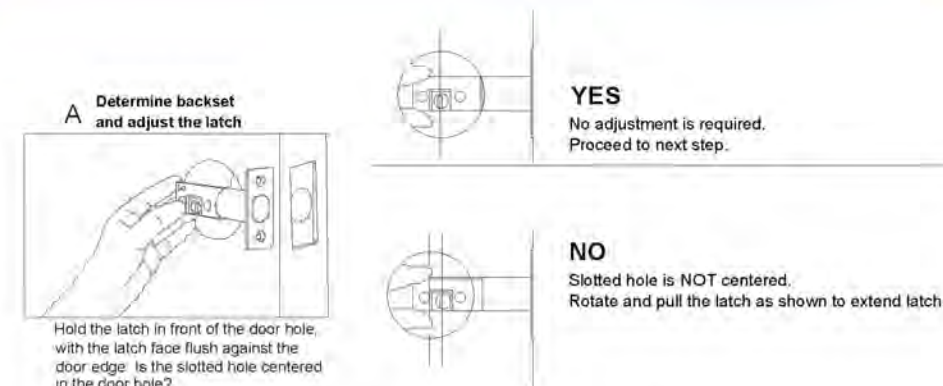


Measure to confirm that the door is 1-3/8" to 2" (35mm to 50mm) thick.

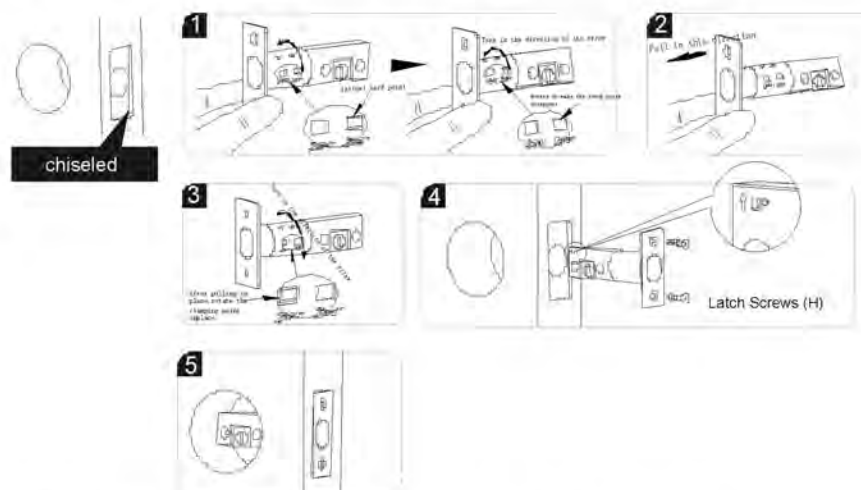


Make sure the hole in the door frame is drilled a minimum of 1" (25mm) deep, to leave enough space for the deadbolt to extend into the door frame when the door is locked.

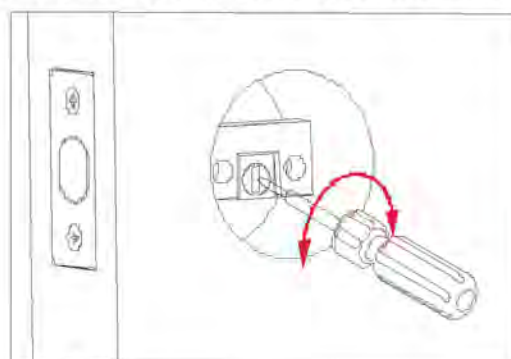
Notes: Make sure the door frame is aligned with the door. There are no obstructions stuck in the door frame.



B Install the latch



C Use a screwdriver to test if deadbolt works smoothly.

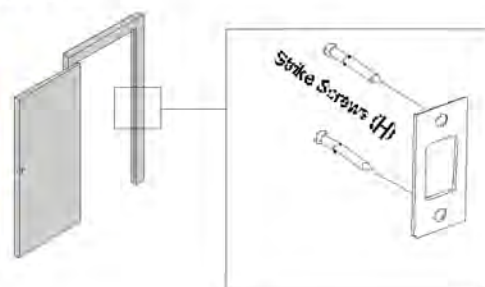


- 12 -

D Install strike on the door frame.

! IMPORTANT:

Make sure the hole in door frame is drilled a minimum of 1" (25mm) deep.



- 08 -

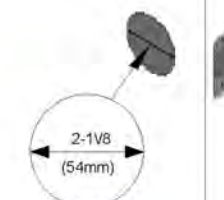
! IMPORTANT:

Before installation, make sure the latch is fully retracted (in the unlocked position)



B With the latch fully retracted (in the unlocked position), route the cable below the latch, and insert the tailpiece through the slot in the latch.

A Measure the diameter of the hole in the door.



Parallel to the edge of the door



C

A

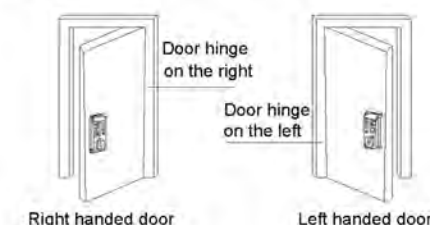
Push the battery cover out in the direction as illustrated.

! IMPORTANT:

Do not load batteries until lock is completely installed.



B Determine the door is right handed or left handed.



- 09 -



Right Door

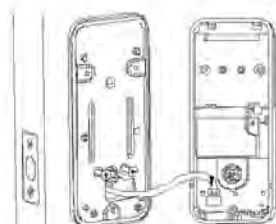


Left Door

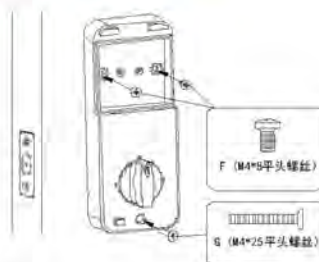
Turn the lock switch knob to "horizontal" direction. Turn the lock switch knob to "vertical" direction.

Notes: If the direction of the slide switch is set incorrectly, it can be reset in App.

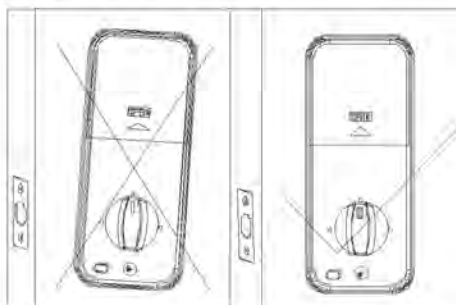
• Install interior assembly



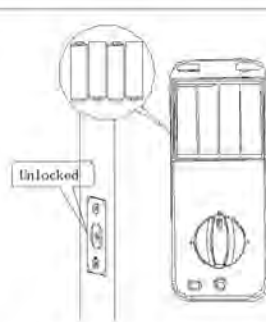
C Insert the cable connector to the socket. Push the connector in firmly until it is completely attached.



D Attach Interior Assembly to Mounting Plate and tighten 3 Screws.



E After installation, check whether the rear panel is parallel to the door edge, and adjust it if it is inclined.



F Insert 4 AA Alkaline batteries and put on the battery cover.

• How to adjust door open direction left/right

Method 1 : Touch to wake up the device, Command 666888\#, long sound "di" success

Method 2 : Long press this button for 5 seconds and when you hear a sound "DI" success.

TIP: Above methods should be performed under initialization state.



Method 3 : If the direction of the slide switch is set incorrectly, it can be reset in Tuya Smart App.

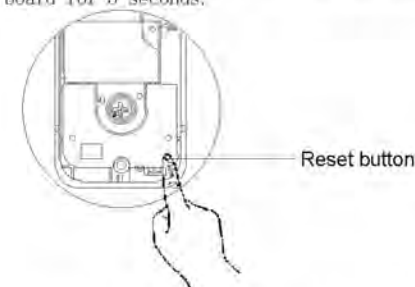
TIP: The device default is right open, if your door is right open no need set open direction

• HOW TO RESET THE LOCK

(All fingerprints\paddcode\IC cards\Bluetooth datas will be delet

Method 1: Press the random number key to wake up the device, press 888\# to verify the administrator, and voice "Initialization successful" (Defaults to 123456) if there is no administrator

Method 2: Screw out the (F\G.) Screw, remove the rear panel assembly, reverse the rear panel and press the reset button at the lower right corner of the circuit board for 5 seconds.



Method 3 : 1\# Enter the menu after verifying the administrator, press 4 to restore the factory settings, and then press \# to confirm

Operation Instructions of Tuya APP

Brief Introduction and Download of Tuya APP

"Tuya Smart APP is the smart device management APP provided by Tuya to end consumers, through which you can conveniently configure and control your purchased whole-house intellectual products, configure your favorite scenarios and automation programs, share your smart devices with your family and friends, and enjoy the fun of a smart home.

Download APP: Search "Tuya Smart" in mobile application market or "App Store" or scan the following QR code to download.

This document takes Smart Life APP as an example and explains Tuya APP & Door Lock Panel Function in detail.



I. Registration and Login



APP Registration: If you don't have an APP account, you can either register an account or log in via SMS authentication code.

Click "Create a New Account" to enter the account registration page. Follow the instructions to get the SMS authentication code and set the password.

If you already have an account, you can click "Login with Existing Account", which supports password, authentication code or social account login.

II. Append Bluetooth Door Lock (Bluetooth on cell phone must be on)



1. Click the "Add Device" icon on the home page of the APP.
2. Touch the fingerprint key or numeric keypad to wake up, wait for the phone to detect the device and press "Add", then press the "+" icon to add the device. (If you have entered the administrator in the lock terminal, you need to open the "Network Configuration" in the menu of the lock terminal, for details, please refer to the following Article 4)
3. Wait for the device to be added, and the smart lock interface will appear, indicating that the device has been added successfully.

III. Bluetooth Door Lock Panel- Home Page



1. The lower side of the homepage contains "Door Open Records and Device Alarms", "Member Management", "Smart Applications" and "Settings". The top side of the homepage displays the name of the door lock and the current battery status.

2. The center of the homepage will show the connection status of Bluetooth. If it is connected, you can slide right→ to "unlock" to open the door lock directly, and slide left ←to "lock" the door. (Please make sure that the phone Bluetooth has been turned on, and the phone and the door lock is within a reasonable distance recommended within 5 meters to operate); If the Bluetooth is not connected, it will show " Bluetooth can not be connected ", you can not open the Bluetooth door lock directly through the APP.

IV. Fingerprint or Password Management



- 1.Home page "Member Management" entrance→Select "Family Member Account" with corresponding privileges. Note: Associated administrators will have administrator privileges, while associated ordinary members will only have ordinary user privileges;
2. Click "Start to add", the blue light will be on and it will enter the fingerprint collection interface, press the fingerprint, the green light will be on and you can release your finger. This process shall be repeated 5 times for each fingerprint, then the light will turn off and the fingerprint will be collected successfully.
3. Click "Add Password", input 6-10 digits password;
- 4.Connect the door lock through APP Bluetooth, the administrator can collect fingerprints for himself/herself or other family members.

V. Member Management - Adding Administrators



1. Click the "+" icon in the upper right corner of the "Member Management" portal, select "Add Member", enter the member's name and Tuya account number, select the permissions and click save, then you can add the administrator. Note: (You must add the administrator account through the registered Tuya Smart account, otherwise it will not be able to add)
- 2.When you open the Mobile Tuya app, the account being added will receive an invitation message, and you will have administrative privileges of the device after accepting it;
3. All key information added to this account portal will default to administrator privileges.

VI. Member Management - Adding Ordinary Members



- 1.Click "+" icon in the upper-right corner of the "Member Management" portal, select "Add Member", enter the member name, no need to enter the account number, click save, you can add ordinary member users.
- 2.All the key information added in this account will be defaulted to ordinary user rights;

VII. Deletion of Family Members



1. Click your "Family Management" at the bottom right corner of the App, select "Family", you can delete the added family members or change the permission to use the app;

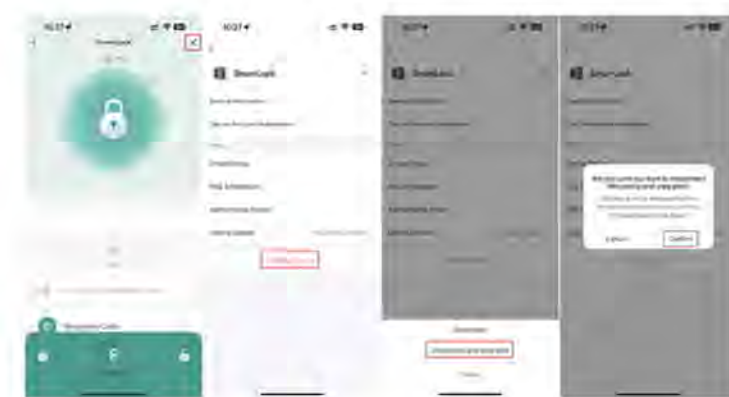
VIII. Door Opening Records and Device Alarms



1. Click the "Alarm" icon to view the door opening record and trial and error alarms and other information;

Note: When the door lock is connected to the cell phone Bluetooth, the door opening records and alarms will be displayed on the APP in real time, otherwise, the records will be cached in the door lock local file, awaiting transmission when the door lock is connected to the cell phone Bluetooth and opened in the next time.

IX. Restore Factory Settings



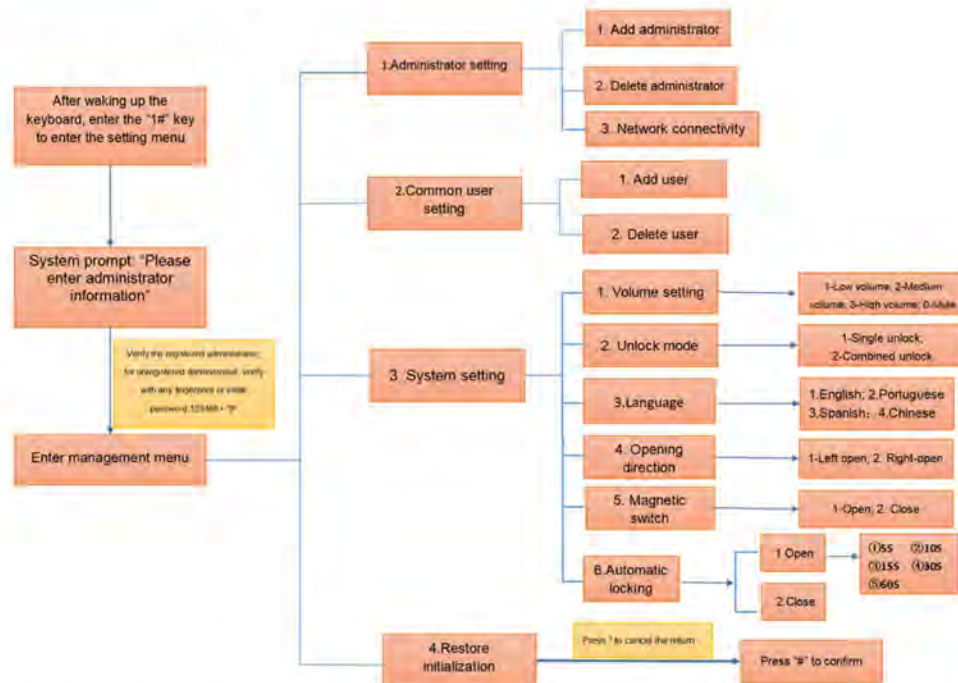
Click the icon in the upper right corner of the home page, enter the interface to find "Remove Device", select "Unbind and Clear Data".

1. When the cell phone APP is connected with the door lock by Bluetooth, use the operation of restoring factory settings. All the opening methods of the door lock in local sever will be deleted, and the door lock will be restored to the default state when it was just shipped from the factory, and other users can re-add the door lock through the APP.
2. When the cell phone is not connected to the door lock by Bluetooth, restoring the factory settings in the cell phone APP, the opening data of the door lock will still be retained and unaffected. However, the original unlocking data on the door lock will be invalid when other users can re-pair with the door lock through APP.

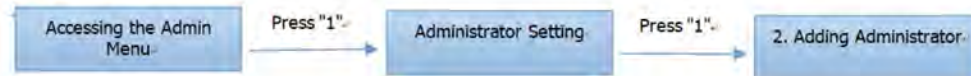
Instructions of Smart Lock Terminal Local Operation

Any fingerprint, and the initial password 123456 are able to unlock the door when nouser is recorded. After registering the administrator key, the illegal key will not be able to unlock the door; if the administrator has been registered in the smart lock, it is necessary to verify the administrator key to enter the menu settings before adding and removing users again.

I. Menu Structure Diagram

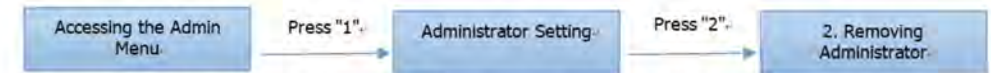


II. Operation of Adding Administrator



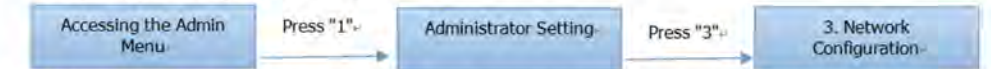
1. After entering the configuration operation, enter the fingerprints or passwords that need to be recorded, and the system will automatically assign the key serial number;
2. The valid digits of the digital password are 6-10 digits;
3. Each fingerprint shall be entered 5 times in a row, and each password shall be entered 2 times in a row;

III. Operation of Removing Administrator



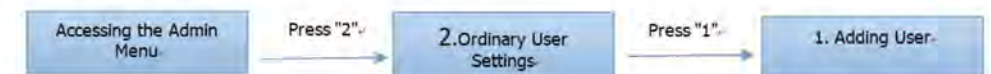
1. Enter the number, press the "#" key to confirm, for example: "001" + "#"
2. The first group of administrator key will not be deleted;
3. After deleting the other administrators' number, the system will replace the number automatically when you enter it again;

IV. Tuya App Binding Configuration



1. Before entering the administrator, press the fingerprint or password keypad to wake up the door lock, without opening this menu. You can directly open the cell phone APP and Bluetooth connection to bind according to the operation instructions;
2. The lock will be activated after the administrator is entered in the lock terminal, you need to verify the administrator and open this menu to connect and bind;
3. This menu will be hidden by default after the successful binding of your mobile APP.

V. Operation of Adding Ordinary Users



1. After entering the configuration operation, enter the fingerprints or passwords that need to be recorded, and the system will automatically assign the key serial number;
2. The valid digits of the digital password are 6-10 digits;
3. Each fingerprint shall be entered 5 times in a row, and each password shall be entered 2 times in a row;
4. After successful entry, you can continue to enter other "ordinary user" keys, please press the "*" key to return;

VI. Operation of Removing Ordinary Users



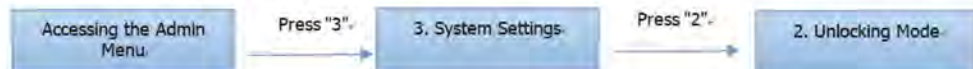
1. Enter the number, press the "#" key to confirm, for example: "001" + "#"
2. After deleting the other number, the system will replace the number automatically when you enter it again;

VII. Volume Adjustment Settings



1. Volume adjustment is a four-level selection: 1 for low, 2 for medium, 3 for high, and 0 for mute. Please select the number corresponding to the volume according to your needs

VIII. Unlocking Mode Settings



1. "Single Mode Unlocking" means that any one of the key information that has been entered can unlock the door;
2. "Combined Mode Unlocking" means that two different sets of key information need to be verified in order to unlock the door;

IX. Language Selection



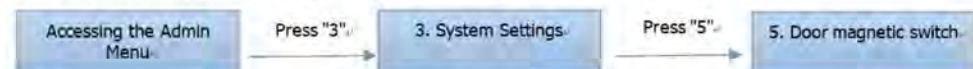
1. Please press "1" for English, "2" for Portuguese, "3" for Spanish, and "4" for Chinese.
2. Please select the corresponding number according to your needs.

X. Opening Direction Options



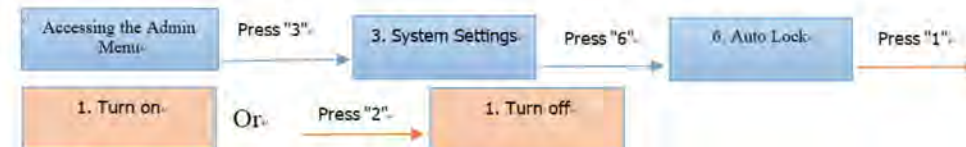
1. Please press "1" to set left-handed door, and press "2" to set right-handed door, the factory default is "right-handed door", please select the corresponding number according to your needs;
2. Before entering the administrator, please press and hold the "One-touch Lock and Unlock" button for 5 seconds to switch the left and right directions quickly (invalid after entering the administrator);

XI. Door Magnetic Switch Options(Optional Products)



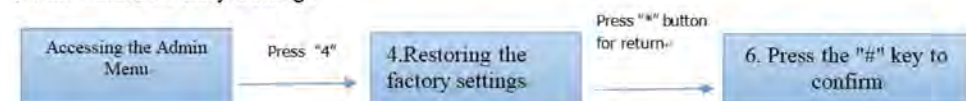
1. It is necessary to install the external wire door magnet first, and insert the interface into the rear panel terminal block;
2. Enter the system settings to select "1" to turn on the door magnet, press "2" to turn off the door magnet;
3. When closing the door, the door will be locked automatically when the door magnet senses it.

XII. Auto Lock



1. Please select "Auto Lock" function off or on according to your needs;
2. After turning on the "Auto Lock" function, please press the corresponding number to select the delayed time for auto locking: (1) 5 seconds; (2) 10 seconds; (3) 15 seconds; (4) 30 seconds; (5) 60 seconds;
3. After turning on the "Auto Lock" function, the door will be locked automatically after unlocking;
4. When the door lock is connected to the wired door magnet sensor, the "Auto Lock" function will be turned off by default;

XIII. Restore Factory Settings



1. All data will be cleared after restoring the factory settings, and the default door opening direction is "right-handed";
2. Input the number "888" + "#" to verify the administrator, you can quickly restore the factory settings;
3. When the administrator has been recorded, please press and hold the lock button on the rear panel for 6 seconds, and then press # to confirm to restore the factory settings. At this time, all the recorded fingerprints will be deleted, and the app will be unbundled automatically;

XIV. One-touch Lock and Unlock



1. Press the "One-touch Lock and Unlock" button on the rear panel to lock or unlock the door;
2. You can lock or unlock the door through the mechanical manual knob;

XV. Product Technical Parameters

Serial No.	Function	Content	Detailed Description
1	Unlocking method	Fingerprint + password + key+ Tuya APP	
2	Total number of	200	Including administrators and general users
3	Fingerprint	100	Fingerprints need to be repeated 5 times (please enter from multiple angles)
4	Password	100	Password need to be input 2 times with "#" key to confirm (6-10 digits password must be the same in these two times input)
5	Dummy password length	≤16	This product has a dummy anti-snooping password: you can enter a messy code at the front and end of the registered password
6	Low voltage alarm	4.8V ±0.2V	When the voltage is lower than 4.8V, the red indicator light will continue to flash 5 times. And a prompt "low battery, please replace the battery" will be given. You can continue to unlock the door for about 100 times, when the voltage is lower than 4.5V, the door lock will not work.
7	Static current	≤80uA	
8	Dynamic current	≤250mA	
9	Supply voltage	6V	Voltage at full charge of new batteries (please choose high quality #5 alkaline 1.5V batteries)
10	Emergency power supply	5VDC	USB type-C Interface
11	Operating temperature	-25°C ~ 70°C	
12	Operating humidity	20% ~ 90%RH	
13	Voice navigation	Four languages are available	1. English; 2. Portuguese; 3. Spanish; 4 Chinese
14	False alarm	Available	5 consecutive errors, 1 minute lockout
15	Quick lock	Quick lock from outside the door	Click the  on the panel to lock the door immediately, or use it as the back button.
16	Wired door magnet	(Optional products only)	After installing the door magnet, plug in the power cord and turn on the door magnet function in the system. When closing the door, the door is automatically locked immediately with magnetic induction.

WARNING: Please store your mechanical key outside for backup in case of emergencies.

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.

RF warning for Portable device: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.