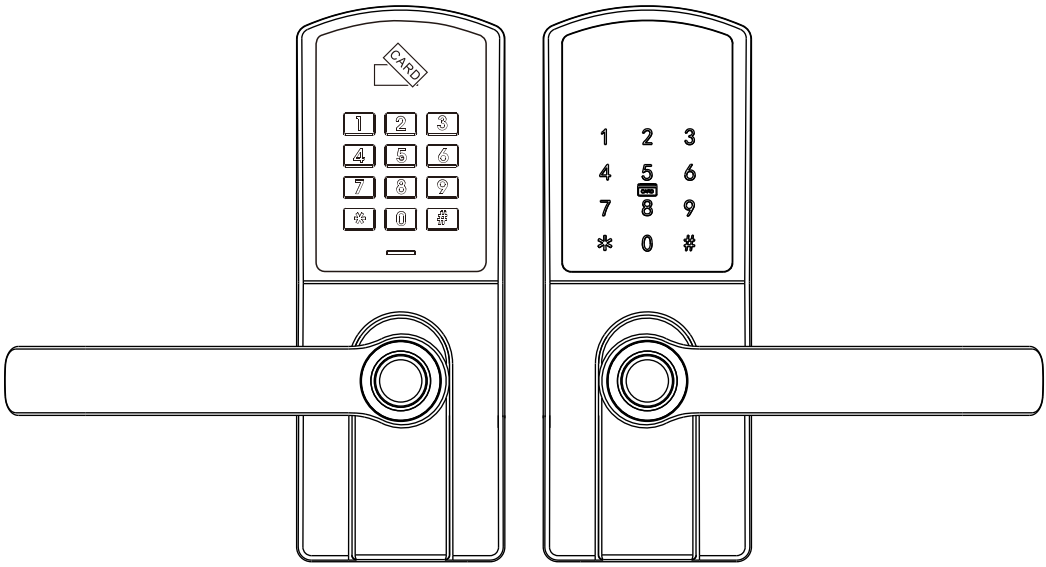
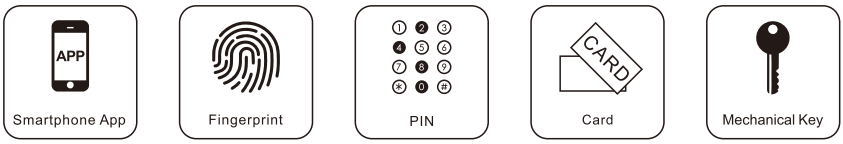
Smart Door Lock





User Manual

Note: For the new version waterproof mechanical keypad with fingerprint, it doesn't support card reading, other functions are all the same.

INTRODUCTION

The device is a smart semi-automatic deadbolt lock, with 3 models available:
Touch keypad with fingerprint: supports 155 cards/PINs, 100 fingerprint users;
Mechanical keypad with fingerprint: supports 155 cards/PINs, 100 fingerprint users;
(For this version, we suggest to use key fobs instead of cards.)
Waterproof mechanical keypad with fingerprint: front part of the lock is IP65 waterproof, supports 155 PINs, 100 fingerprint users.

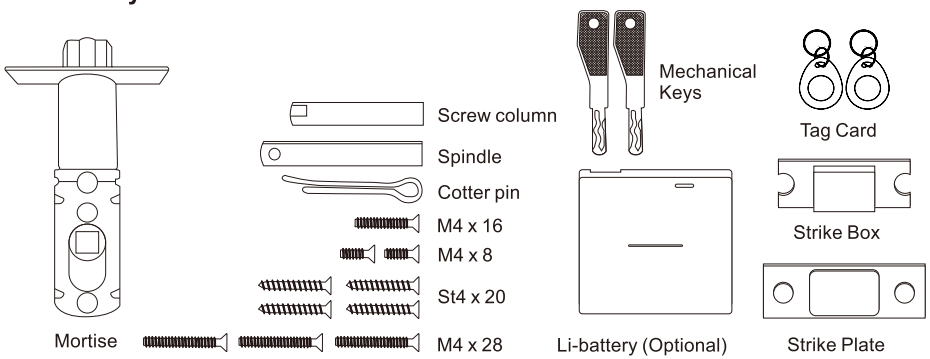
All above 3 models also have version with Tuya Bluetooth available, which support 100 mobile users and 500 temporary codes.

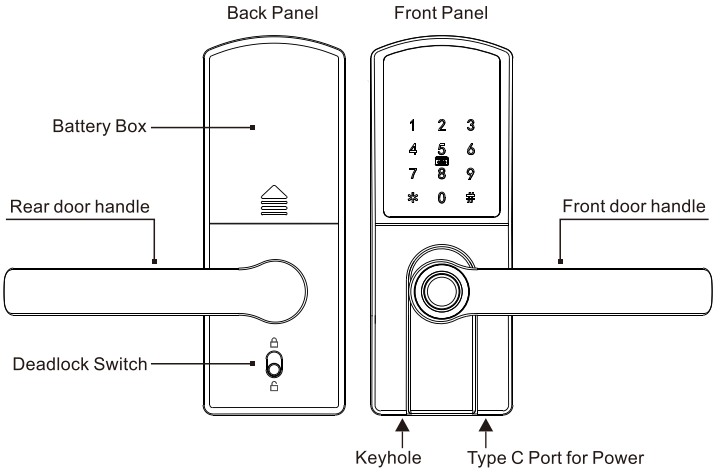
It has two types of power supply optional: AA battery or rechargeable Li-battery.
With 4pcs AA batteries, it can use about 6 months (bases on 30 times/day); with rechargeable Li-battery, it can use more than one year (bases on 30 times/day) after the battery is fully charged, and it will remind people to replace batteries intelligently if battery is low.

Specifications

Environment	IP65 Waterproof (for waterproof version only)
Bluetooth	BLE Bluetooth (BLE 5.0)
Mobile Phone	Android 4.3/IOS 7.0 above
Door Thickness	35~50mm
Mortise Type	60/70 adjustable deadbolt mortise
APP User Capacity	100 (Tuya version)
Temporary Code	500 (Tuya version)
Card /PIN User Capacity	155
Card Type	13.56MHz Mifare card, M1 card
Fingerprint User Capacity	100
Operating Voltage	4 Units AA Alkaline Dry Cell Batteries; Rechargable Li-battery (Optional)
Low Battery Alarm Voltage	4.8V±0.1
Voltage Range	4.5V~9V
Idle Current	60uA
Working Current	<300mA
Unlock Time	About 1.5 Seconds
Operating Temperature	-20°C~+60°C
Operating Humidity	10%RH～95%RH
Material	Aluminum, ABS, Arcylic
Color	Black Nickel / Satin Nickel

Carton Inventory



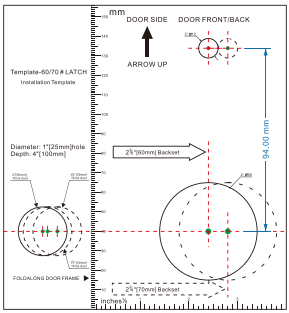


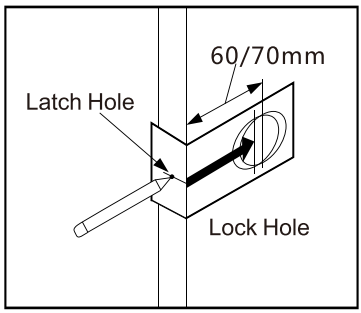
✱ Press this button once to log in the master code
Enter the valid passcode then press this button to unlock the door

INSTALLATION

Line Drawing

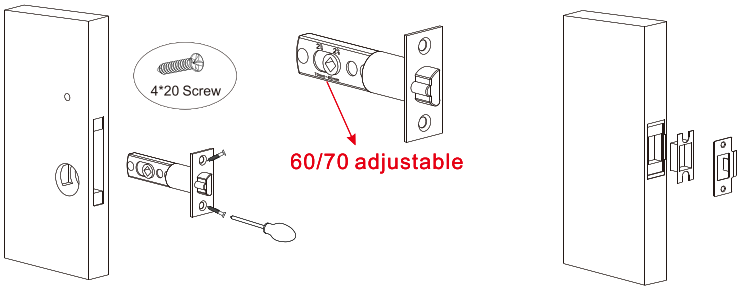
Draw a horizontal center line inside and outside the door at a height of 1 meter from the ground. Fold the template, make the handle's center line align with the door's horizontal center line, then draw the hole lines at front and side, and drill holes.





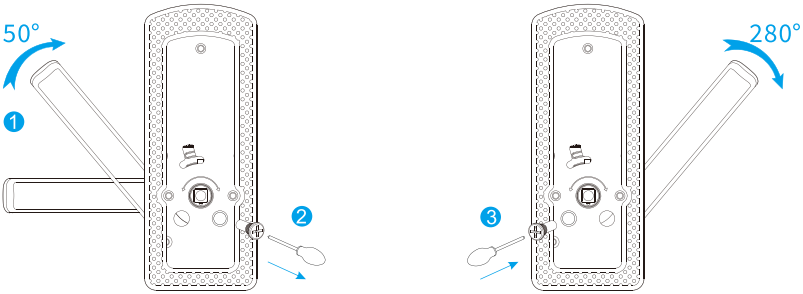
Assemble Mortise, Fix Strike and Strike Plate

Assemble the mortise into the slot which was drilled according to the template.



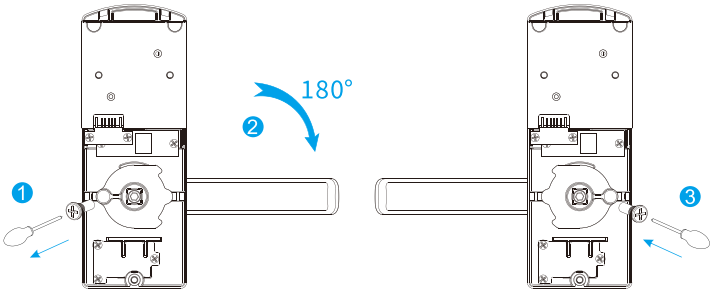
Adjust Direction

Front Panel - Adjust the Handle Direction from Right to Left
Step 1: Pull the front handle up to 50 degrees.
Step 2: Use a Phillips screwdriver to remove the reversing screw shown in the picture.
Step 3: Press the handle down and rotate it 280 degrees.
Step 4: Tighten the reversing screw.



Back Panel - Adjust the Handle Direction from Left to Right

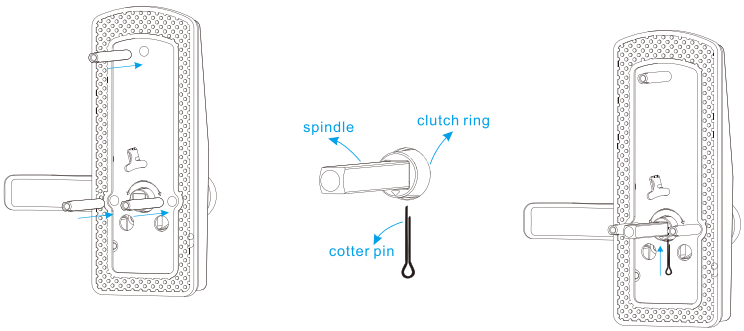
Step 1: Use a Phillips screwdriver to remove the reversing screw shown in the picture.
Step 2: Press the handle down and rotate it 180 degrees.
Step 3: Tighten the reversing screw.



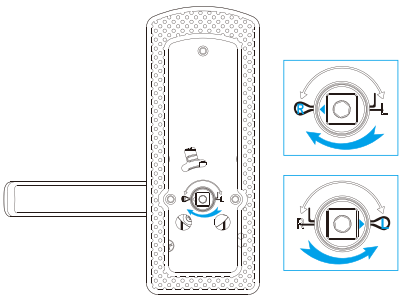
Fix the Front Panel

Step 1: Tighten the 3 screw columns on the front panel.

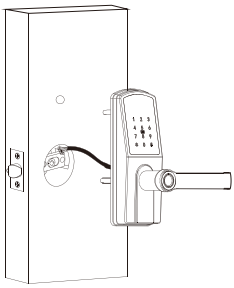
Step 2: Insert the spindle into the clutch ring, pass the cotter pin through the clutch ring and the spindle, fix the spindle with the clutch ring, and bend the cotter pin to avoid falling off.



Step 3: Determine the installation direction and align the triangle mark on the clutch ring with “R” (door open direction is Right) or “L” (door open direction is Left) on the panel.

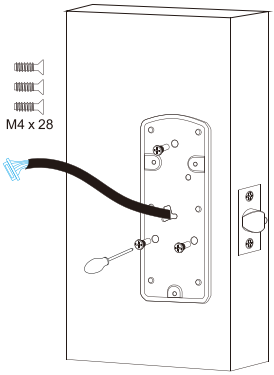


Step 4: Align the spindle of the front panel with the square hole of the mortise, align the two screw columns with the round holes of the mortise, cross the connecting cable through the door hole, and fix the front panel.



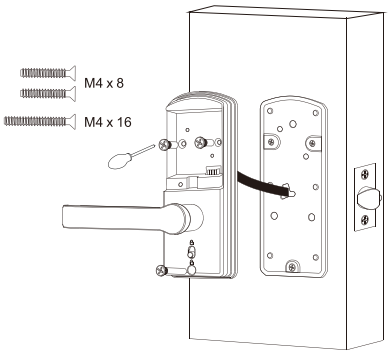
Fix the Gasket

Fix the back gasket with 3 screws



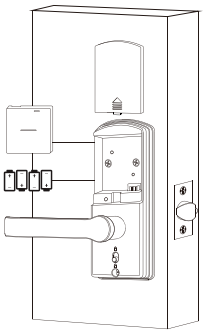
Fix the Back Panel

Remove the battery cover, cross the connecting cable, fix the back panel with 3 screws, then install the battery cover.



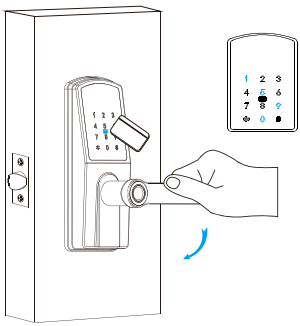
Assemble the Battery

AA battery version: Put 4pcs AA alkaline batteries into the battery box, notice the polarity(+/-), then fasten the battery box cover
Li-battery version: Put the Li battery box



Adjust the Lock Panel

After finishing installation, please adjust the position of the lock panel or the screws whether it is too tight. Test with password 123456 and turn the manual key and then press the handle to open.



Reset to Factory Default

> Remove the battery.

> Press the reset button and hold it.

> Reinstall the battery. After 3 seconds, the lock sounds "reset to factory default."

> Release the reset button.

Notes:

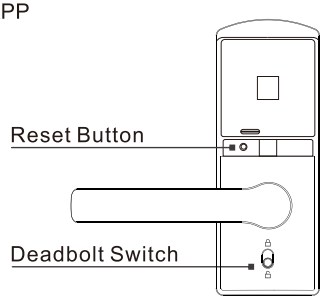
1.Door Open Time Setting, Language and Battery Type will not be reset.

2.It's only for resetting device settings, not unbind the device from APP (for Tuya version).

Dead Lock Function

There is one deadlock switch, push this switch to locked mode, it sounds "anti lock is on", then the lock is dead locked inside, only the master code (except default master code 123456) or mechanical key can access the door, other users become invalid.

To cancel this function, push this switch to unlocked mode, it sounds " anti lock is off ".



Operations on Lock

Set Master Code

Programming Step	Keystroke Combination
1. Enter Program Mode	* **(Master Code) #** (factory default:123456)
2. Change Master Code	**0 (New Master Code) # (Repeat New Master Code) #** (Code Length: 6 digits)
3. Exit Program Mode	*

Add Common Users

When adding users directly, the ID number will be automatically searched and increased from small to large.

User ID Number

Fingerprint user ID: 0~99

PIN/ Card user ID: 100-254 (PIN length:4~6 digits)

Programming Step	Keystroke Combination
1. Enter Program Mode	* **(Master Code) #** (factory default:123456)
Add Fingerprint User	
2. Using Auto ID (Allows the device to assign Fingerprint to next available User ID number) **OR** 2. Select the Specified ID (Allows Master to define a specific User ID to associate the fingerprint to)	**1 (Read Fingerprint 3 times)** Fingerprints can be added continuously. **1(User ID) # (Read Fingerprint 3 times)** Fingerprints can be added continuously.

Add Card User (Not available for the waterproof version)	
2. Using Auto ID (Allows the device to assign Card to next available User ID number) **OR** 2. Select the Specified ID (Allows Master to define a specific User IDto associate the Card to)	**1 (Read Card)** The cards can be added continuously. **1 (User ID) # (Read Card)** The cards can be added continuously.
Add PIN User	
2. Using Auto ID (Allows the device to assign PIN to next available User ID number) **OR** 2. Select the Specified ID (Allows Master to define a specific User ID to associate the PIN to)	**1 (PIN) #** (PIN Length:4~6 digits) **1 (User ID) # (PIN) #** (PIN Length:4~6 digits)
3. Exit	*

Tips for PIN Security (Only valid for 6 digits PIN):
For higher security we allow you to hide your correct PIN with other numbers up to 7-10 digits.
PIN must be consecutive.

Example PIN:123434
You could use *(123434) or (123434)**
****(123434) or (123434)****
(" * "can be any numbers from 0~9)

Delete Users

Programming Step	Keystroke Combination
1. Enter Program Mode	* **(Master Code) #** (factory default:123456)
2. Delete User- By Fingerprint/ Card **OR** 2.Delete User - By ID number **OR** 2. Delete User - By PIN **OR** 2. Delete ALL Users	2. **(Read Fingerprint) / (Read Card)** The users can be deleted continuously. 2. **(User ID) #** 2. **(Input PIN) #** 2. **(Master Code) #** (Use with caution, after done, all users including users added by APP will be ALL deleted.)
3. Exit Program Mode	*

Set Access Mode

Programming Step	Keystroke Combination
1. Enter Program Mode	* **(Master Code) #** (factory default:123456)
2. Single unlocking mode **OR** 2. Combination unlocking mode	**3 0 # (factory default)** Open the lock by Fingerprint or Card or PIN. **3 1 #** Example:PIN+Card/PIN+Fingerprint/Card+Fingerprint (Combination unlocking user type cannot be the same.)
3. Exit Program Mode	*

For Other Settings

Programming Step	Keystroke Combination
1. Enter Program Mode	* **(Master Code)** # (factory default:123456)
2.1 Backlit Light Setting (For touch keypad version)	**4 0 0 #** Keypad Backlit Always OFF **4 0 3 #** Keypad Backlit ON 3 seconds (factory default) **4 0 5 #** Keypad Backlit ON 5 seconds
2.2 Volume Setting	**4 1 0 #** Mute **4 1 1 #** Low Sound **4 1 2 #** Medium Sound (factory default) **4 1 3 #** High Sound
2.3 Language Setting	**4 2 0 #** English (factory default) **4 2 1 #** Other languages
2.4 Battery Type Setting	**4 3 0 #** AA Battery (factory default) **4 3 1 #** Rechargeable Li-battery
2.5 Door Open Time Setting	**4 4 #** 0-180 seconds (The factory default door opening time is 5 seconds.)
2.6 APP Binding Setting (For Tuya version)	**4 5 0 #** Unbind the Device **4 5 1 #** Add the Device
3. Exit Program Mode	*

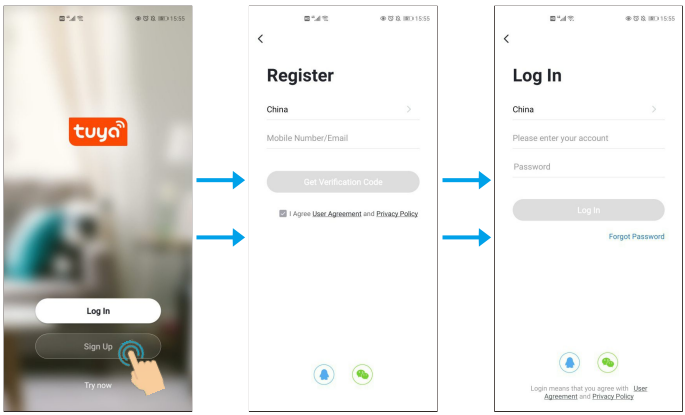
APP Operation (For Tuya Version ONLY)

Here are just a few steps to get you started.
1)Free APP Downloading
Search Tuya Smart or Smartlife on Google Play or APP Store.

2)Make sure WiFi works on your mobile phone.

1. Register & Login

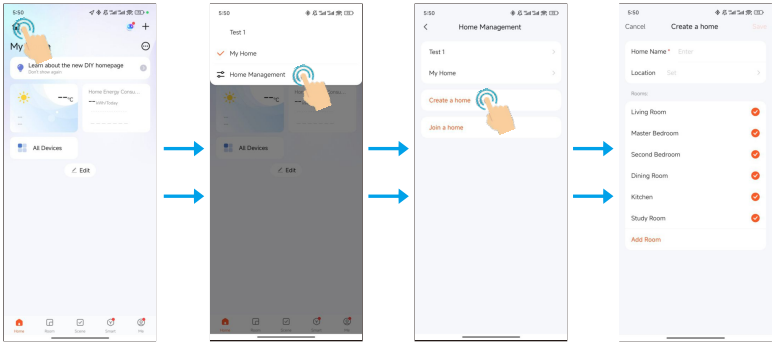
(Make sure the registered email is legal and valid, so that you can recover your password once forgotten. **Mobile Number is for China Mobile ONLY.**)



You will get a verification code in your mail box.

2. Create Home

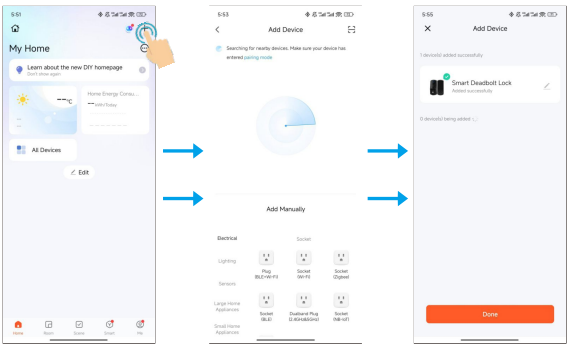
Note: To better manage the devices and family members, you can create a HOME.



3. Add Device

You can add device by clicking “+” or “Add Device” on the top.

Important Note: Firstly need operate on the lock as below to make the device in adding mode: *** master code # 4 5 1 #** (factory default master code: 123456)

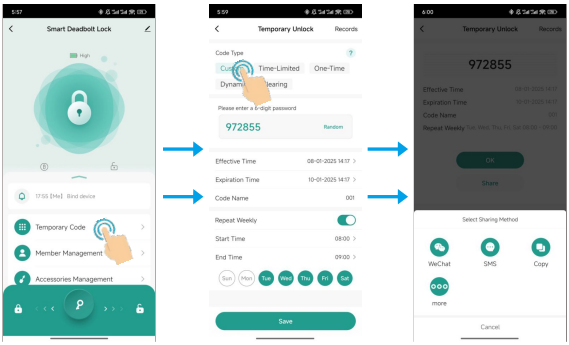


4. Temporary Code

The temporary code can be shared by SNS tools (WhatsApp, WeChat...) or email to the guests/users.
For Temporary Code, there are four types of it.

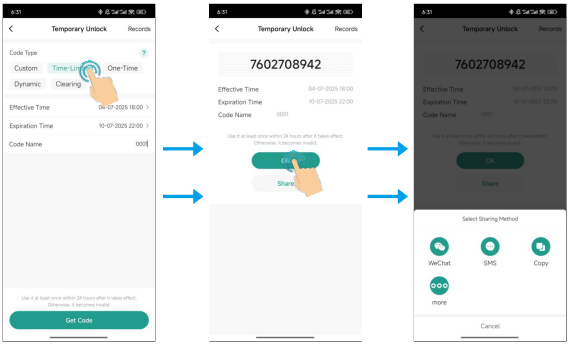
4.1 Custom Code (Include the Repeat Weekly)

For example, valid at 14:17pm~14:17pm every Monday~Friday during August~October.



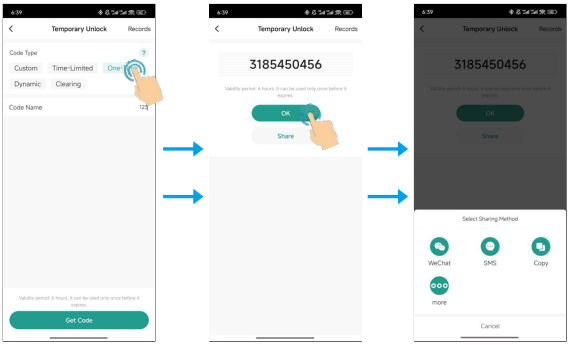
4.2 Time-Limited Code

For example, valid at 18:00 pm~22:00 pm during April~June.
Use it at least once within 24 hours, Otherwise, it will be invalid.



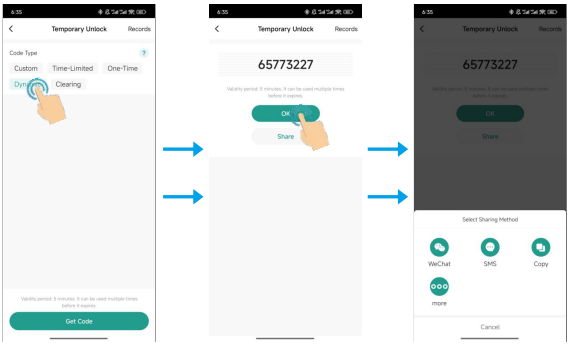
4.3 Once-Time Code

One-time code can be valid in 6 hours and can be used only for once.



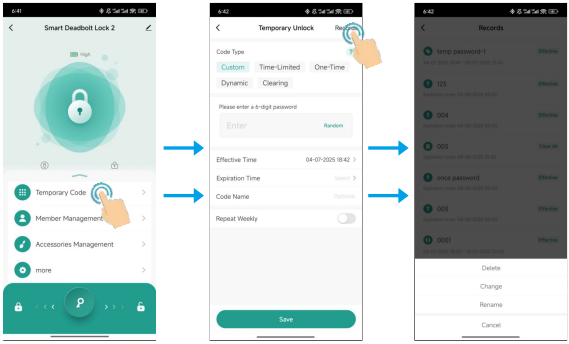
4.4 Dynamic Code

Every dynamic code will be expired after 5 minutes, it usually used for visitors.



4.5 Edit Temporary Code

The temporary code can be also deleted or renamed in the valid period.

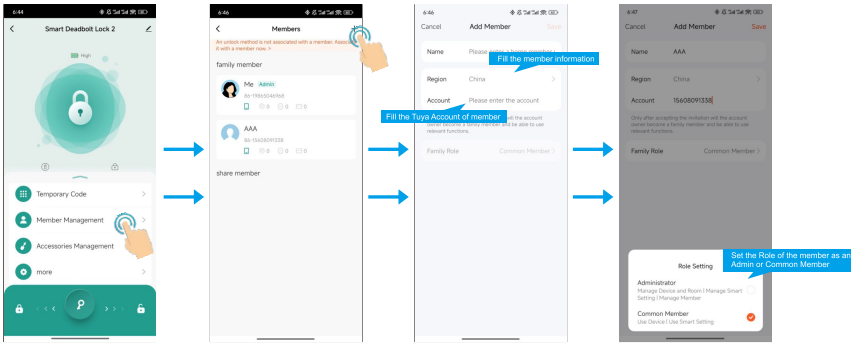


5. Member Management

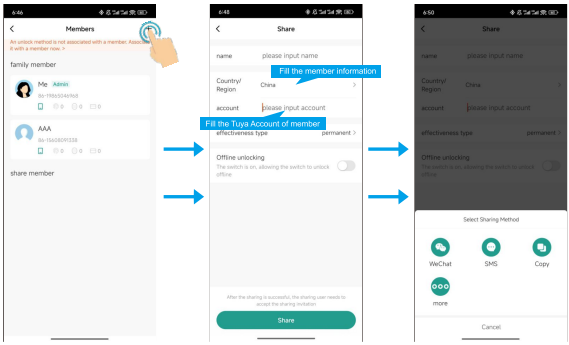
The APP supports to Add/Delete Fingerprint/PIN/Card users.

5.1 Add/Share Member

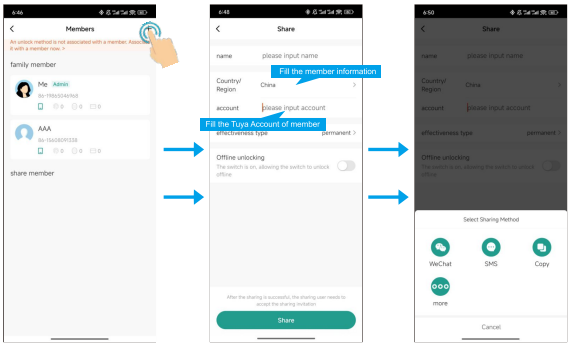
Note:
> The members you share or add must register their accounts first.
> When adding members, the Admin can decide to add the user as Admin or Common Member.
> Admin enjoys the Permanent Permission.



Or the members can be added by sharing (WhatsApp, WeChat..) or email.

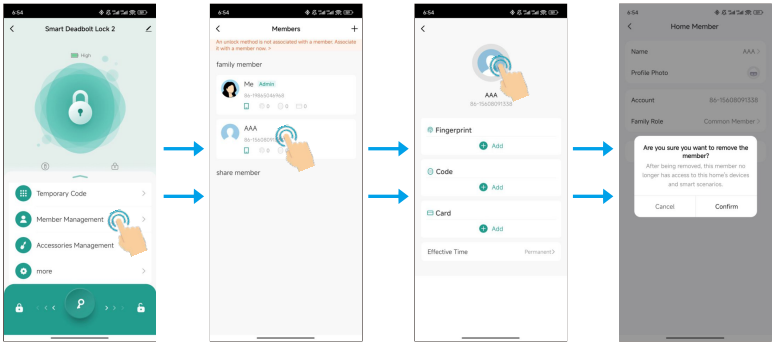


Or the members can be added by sharing (WhatsApp, WeChat..) or email.

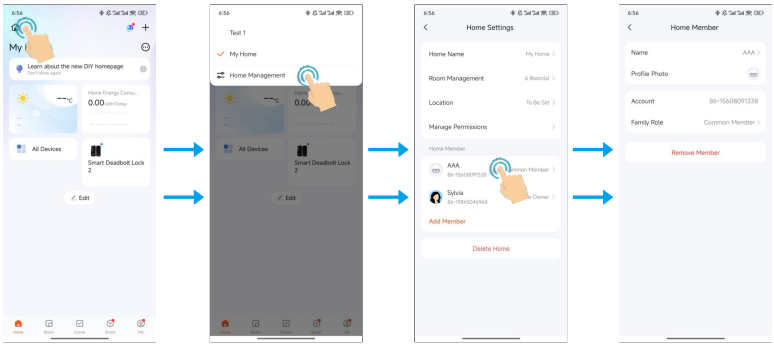


5.2 Delete Members

Method 1:

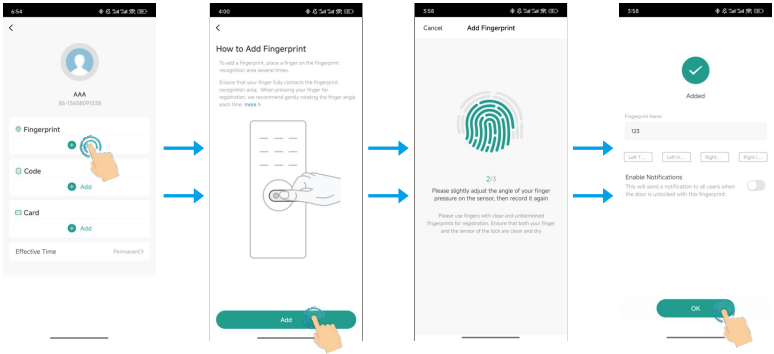


Method 2:



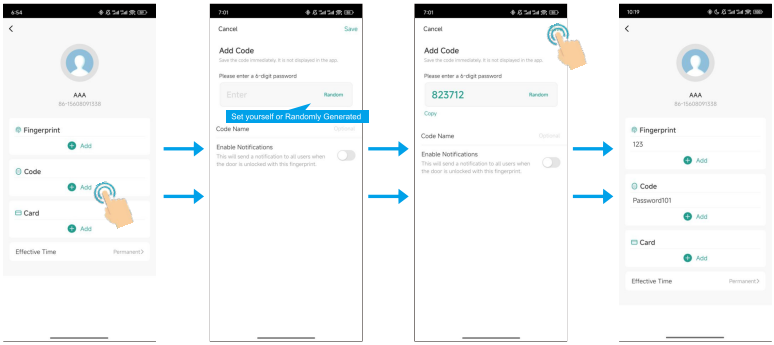
5.3 Add Fingerprint Users

You will need to press your fingerprint 3 times on the device and then you will be requested to name the fingerprint.

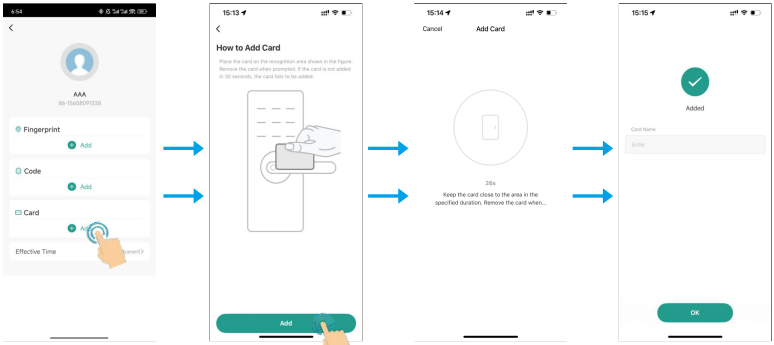


5.4 Add Code / PIN (PIN length for APP is 6 digits only)

You can set your own PIN or generate random one.
The code can be changed again.

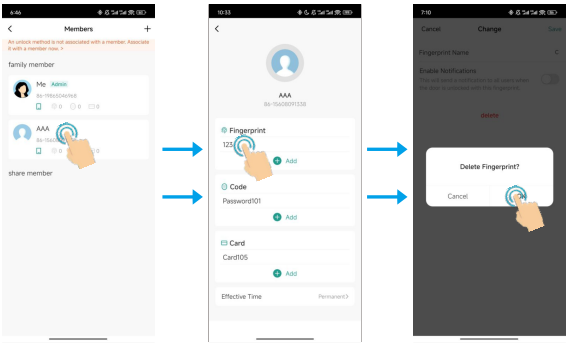


5.5 Add Card Users (Card type: 13.56MHz Mifare M1 card) - Not available for the waterproof version



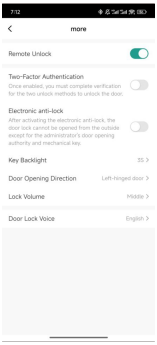
5.6 Delete Users (Fingerprint / PIN /Card Users)

Click the member that you would like to delete, then you can delete specific users.



Note: For deleting PIN & Card users, same operation as deleting Fingerprint users.

6. More Settings



6.1 Remote Unlock Setting

Default is ON.

6.2 Two-Factor Authentication

Default is OFF. Once enabled, you must complete verification for the two unlock methods to unlock the door.

6.3 Auto Lock & Auto Lock Delay

Default is ON and 5 seconds. Can be set to OFF or 0-180 seconds.
If auto lock is off, the door will not lock automatically.

6.4 Electronic anti-lock

Default is OFF. After activating the electronic anti-lock, the door only can be opened by master code (except 123456) and mechanical key.

6.5 Key Backlight (For Touch Keypad version)

Default is 3 seconds. Can be set to OFF or 5 seconds.

6.6 Lock Volume

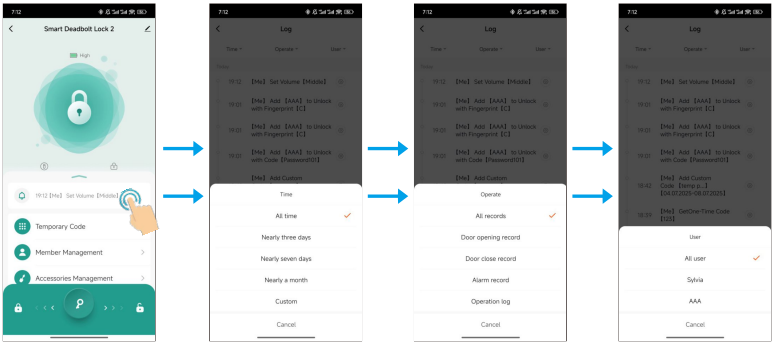
Default is Middle.It can set to Lock Volume Mute, Low, Middle or High.

6.7 Door Lock Voice / Language

Default is English. It can set to other languages.

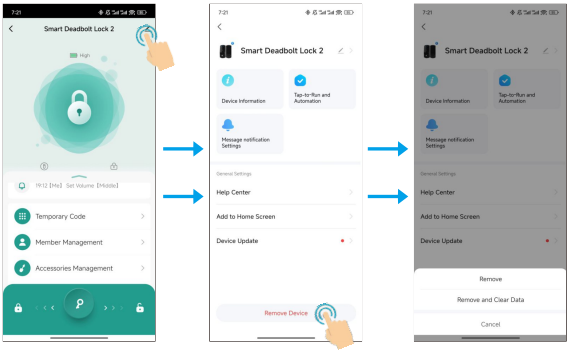
7. Log (Including Time, Operate and User)

Only the Admin can view all the records. Common members can view their own records only.



8. Remove Device

If Admin removed the device, all other members can′ t access the lock by APP.



Note:

> **Remove:** After done, all the users (card /fingerprint /code) added to the members are still retained.

> **Remove and clear data:** After done, all the users (card /fingerprint /code) added to the members will be deleted.

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