

# SMART FINGERPRINT DOOR LOCK

BL-B07S



INSTRUCTION MANUAL

## INFORMATION & SAFETY WARNINGS

This user manual will guide you through the functions and usages of our BL-B07 Bluetooth enabled smart lock. Please read this manual carefully and keep it in a secure place.

Consult this manual before you attempt to use the lock. If you have questions not answered by this manual or are in need of non-routine service, contact our customer service

Notes with this  icon **MUST BE READ**, understood and obeyed to prevent injury or damage.



### IMPORTANT SAFETY INSTRUCTIONS

1. This lock shall only be used as described in this manual.
2. Verify that all parts of the lock are account for. If any parts are missing, contact our customer service.
3. In factory default status, the lock is on always open state after you install the lock (no power on). It means handle is free and lock can't be closed, you have to power on the lock with batteries or set admin and pair the lock with app, and then the open mode will be changed to private mode automatically.
4. Handle directions are reversible, please kindly follow chapter 5 (installation steps3) to change the direction. Should you have any problem, please contact our customer service.
5. There is a protective film on the front touch panel, if there are some scratches on the film, don't be scared. The protective film can be removed if you need.
6. Use only four AA batteries. Do not mix old and new batteries or batteries from different brands. Never insert objects into the lock other than batteries as described in this manual.
7. Verify all surfaces are flat and level before beginning in-

stallation, installation on doors or surface with any types of deformity such as gaps or warping may cause the lock to malfunction or fail to operate entirely.

8. Never apply any cleaner directly to any part of the lock. Only use clean water and mild cleaner on a soft non-abrasive cloth when cleaning.
9. Potential shock warning: do not allow water or liquids to get into lock's electric parts.
10. The lock is used with Tuya smart home app. The lock will function without the app but full functionality may only be achieved when the app is used.



## CORE AND MAINTENANCE

1. Please keep the lock away from corrosives.
2. Please replace batteries when the low power alarm is activated.
3. Please keep your mechanical keys in a secure place.
4. Please lubricate the lock body and the cylinder from time to time to ensure smooth operation.
5. Please check whether the lock is properly fastened every 6 months.

## PRE-INSTALLATION CHECKLIST

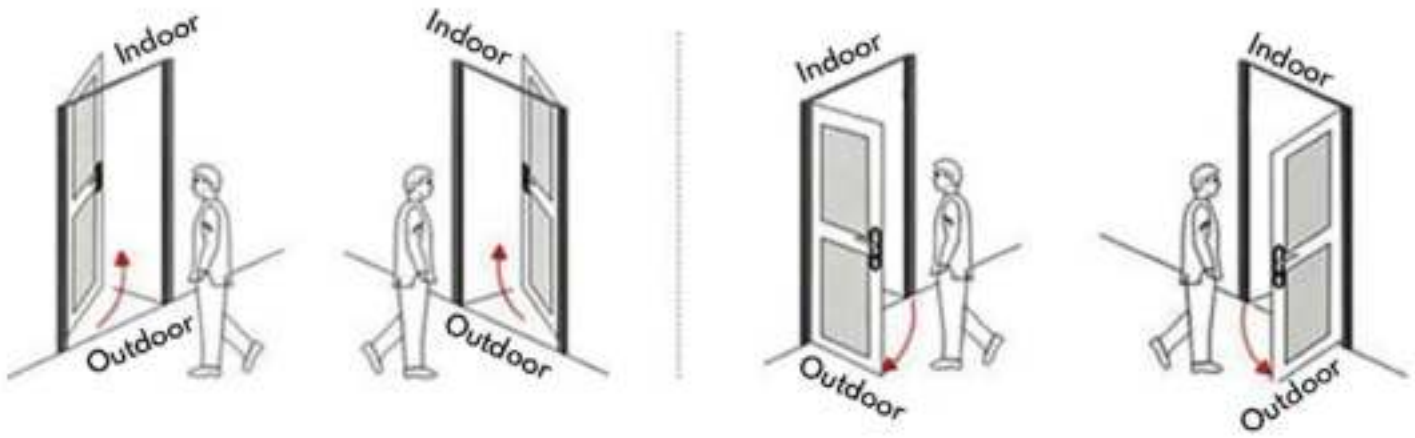
|  |  |
|--|--|
| Door lock stile must be greater than 110mm, and door thickness must be between 35-62mm.  |  |
| Before installing the lock, please check that all accessories are present.   |  |
| If drilling is needed, please drill according to the bore hole drawing or seek a professional assistance in order to avoid unnecessary damage. |  |
| Determine whether the handle direction of the lock is consistent with the opening direction of the door  |  |

# HOW TO DETERMINE HANDLE DIRECTION



The handle direction is determined from the secure side of the door.

The term "secure" means the side from which you initially unlock and enter from outside.



A



Left Push

B



Right Push

C



Left Pull

D



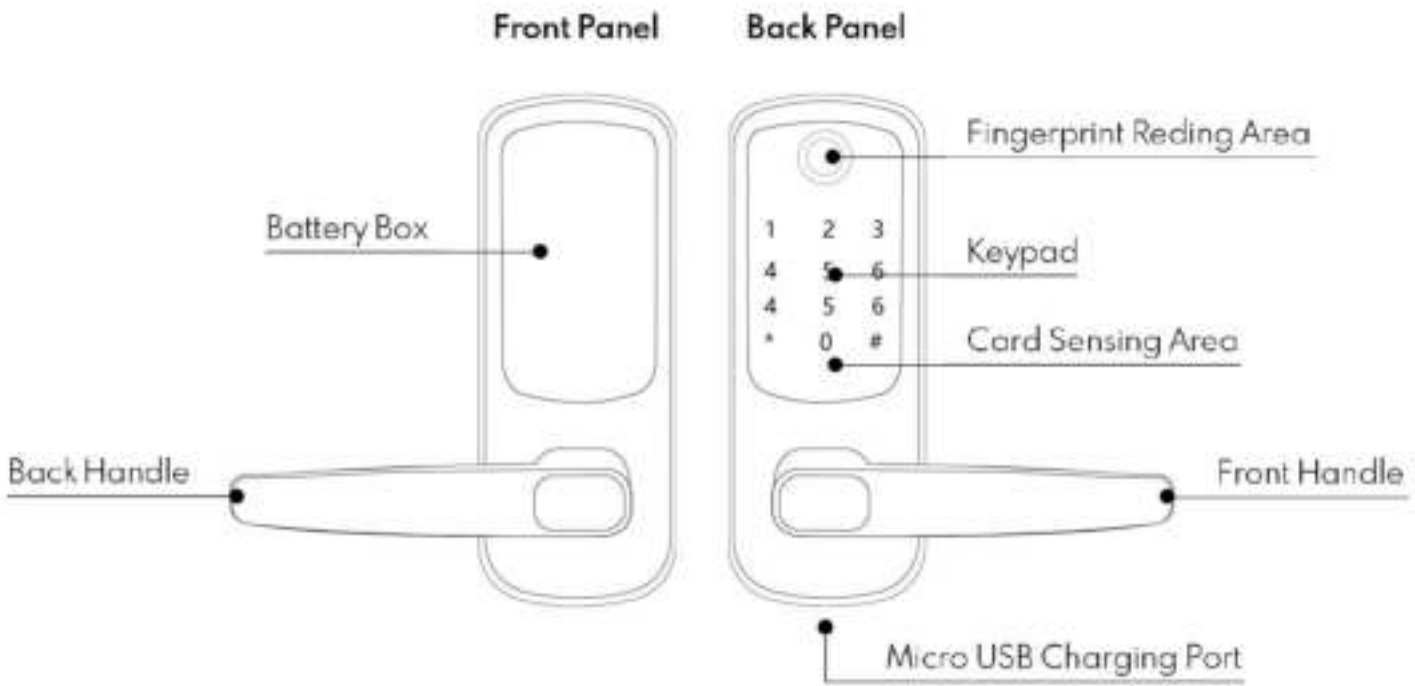
Right Pull

## 1













## PRODUCT PARAMETERS

|                              |  |
|------------------------------|--|
| Model                        |  |
| Dimensions (W×H×T)           | 178mm × 65mm × 26mm (including handle)                   |
| Material                     | Aluminium alloy / Single Latch Iron                      |
| Gross weight                 | 2.0KG  |
| Communication method         | BLUETOOTH  |
| Supporting system            | Android 5.0 / IOS 7.0                                    |
| Stand-by current             | ≈ 35μA   |
| Operating current            | ≈ 200μA  |
| Working temperature          | -20° to 65°  |
| Power supply                 | 4AA Alkaline dry batteries                               |
| Unlock time                  | ≈ 1.5S   |
| Unlocking method             | APP / Fingerprint / Password / Card / Mechanical key     |
| Number of fingerprint users  | 200pcs   |
| Number of password users     | User set-password: 150pcs APP sharing password: no limit |
| Number of card users         | 200pcs   |
| Supporting card type         | Mifare M1 card   |
| Emergency Charging interface | Micro USB port   |
| Maximum stanby time          | About 1 year   |

## 2 PRODUCT SPECIFICATIONS



## 3 PRODUCT ACCESSORIES

|   |   |   |   |   |  |
|---|---|---|---|---|--|
| <p><b>a</b></p>  <p>1 pcs<br/>Front Panel</p> | <p><b>b</b></p>  <p>1 pcs<br/>Back Panel</p>   | <p><b>c</b></p>  <p>2 pcs<br/>Rubber mat</p> | <p><b>d</b></p>  <p>1 pcs<br/>Lock Latch</p> | <p><b>e</b></p>  <p>1 pcs<br/>Strike Plate</p>   | <p><b>f</b></p>  <p>1 pcs<br/>Side Cover</p>    |
| <p><b>g</b></p>  <p>1 pcs<br/>Spindle</p>     | <p><b>h</b></p>  <p>4 pcs<br/>Wooden Screw</p> | <p><b>i</b></p>  <p>2 pcs<br/>M4 Screw</p>   | <p><b>j</b></p>  <p>1 pcs<br/>Allen Key</p>  | <p><b>k</b></p>  <p>2 pcs<br/>Mechanical Key</p> | <p><b>l</b></p>  <p>1 pcs<br/>Hole Template</p> |

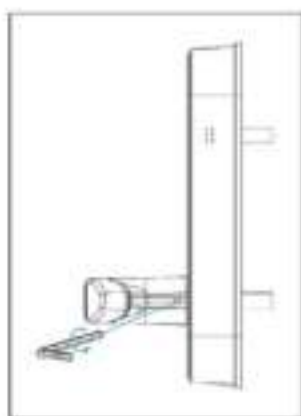
## 4 CHANGE HANDLE DIRECTION

Step 1: Use the allen key to take off the screw from the handle. ( Refer to picture ① )

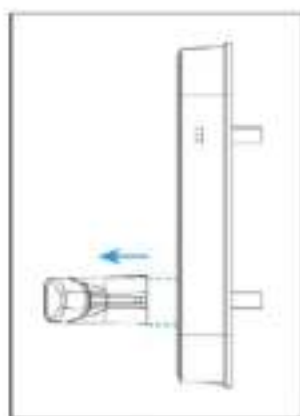
Step 2: Take off the handle. ( Refer to picture ② )

Step 3: Rotate the handle 180 degree and fix the direction that you need. ( Refer to picture ③ )

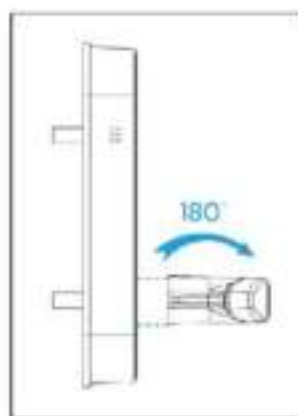
Step 4: Tighten the screw. ( Refer to picture ④ )



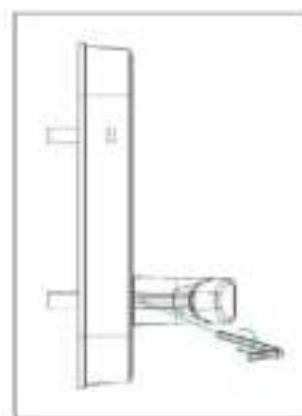
①



②



③



④

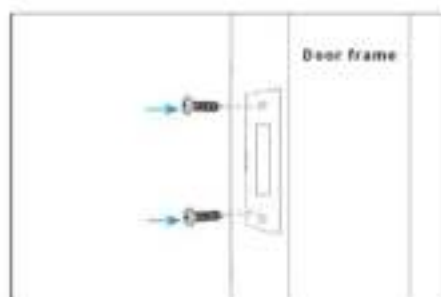
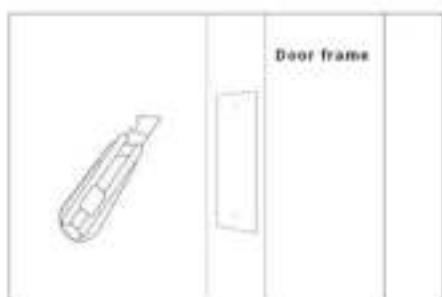
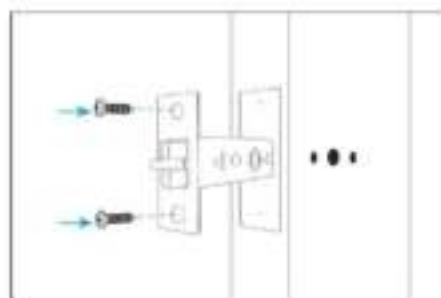
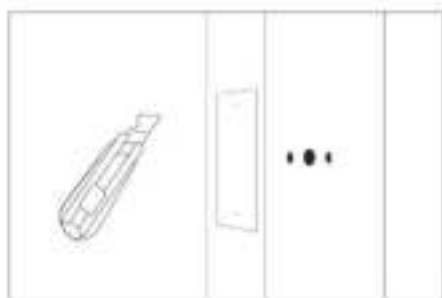


**DO NOT** use power tools to install this smart lock.

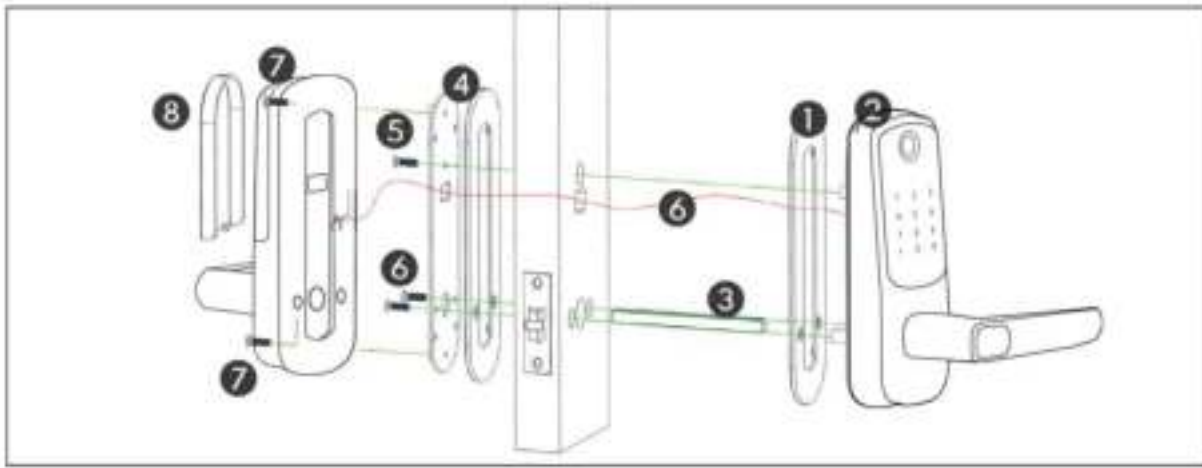
## 5 INSTALLATION STEPS

### 5.1 Line drawing & Hole drilling

Make out holes for lock panel and the mortise lock according to the hole template.



## 5.1 Line drawing & Hole drilling



### Step 1: Install the front panel

- 1) Cover the rubber mat to the front panel. ( Refer to picture **1** )
- 2) Make the square shaft hole on the panel aim at the latch.
- 3) Insert the spindle and fix the front panel to the door. ( Refer to picture **2 3** )

### Step 2: Install the back panel

- 1) Remove the rubber mat and base plate from the back panel at first .
- 2) Cover the rubber mat to the back panel base plate, and fix them to the door. ( Refer to picture **4 5** )
- 3) Connect the 2 cables from the front panel to the back panel. ( Refer to picture **6** )
- 4) Fix the back panel to the door. ( Refer to picture **7** )
- 5) Install 4pcs of 1.5V AA alkaline battery and install the battery cover. ( Refer to picture **8** )

**After finished the installation, please enter 123456+ # key, then unlock.**

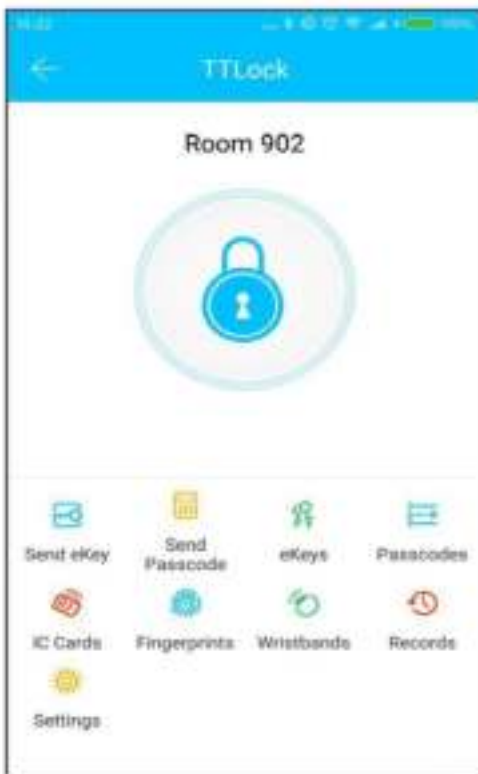
**Make sure if the lock can work.**



## 6. Operation in APP

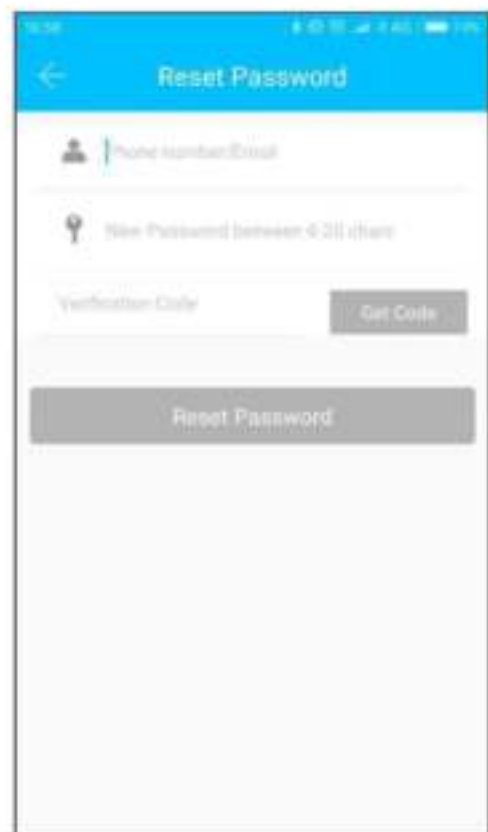
### 6.1. Add Bluetooth User

Download TTLock App



The software (IOS version) can be downloaded from the app store, and the Android version can be downloaded from the application store of Google play

### Registration and Login By App

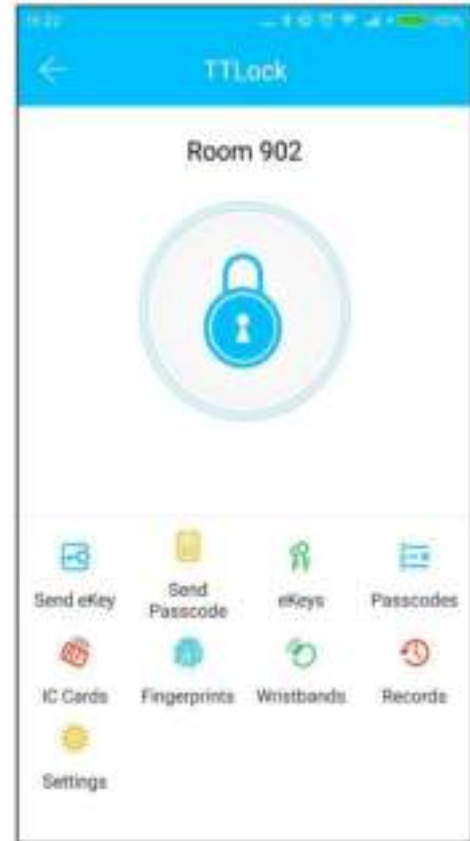


TTLock users can use their phone number and email to register their account. Currently, TTLock App has supported the phone number registration in 159

countries and regions. When users are registering their account, the verification code will be sent to the mobile phone or the email address. After the verification is passed, the registration is successful, and then the page will jump directly to the home page.



No lock bound with App



lock bound with App

There is no lock or key data in the user's account, when TTLock App is used for the first time. The user can add a lock in the front page. If a lock is already added in the account, the lock information will be displayed.

## 6.2. Add Lock By App



Add a lock



Select "Door Lock"



Light up touch screen

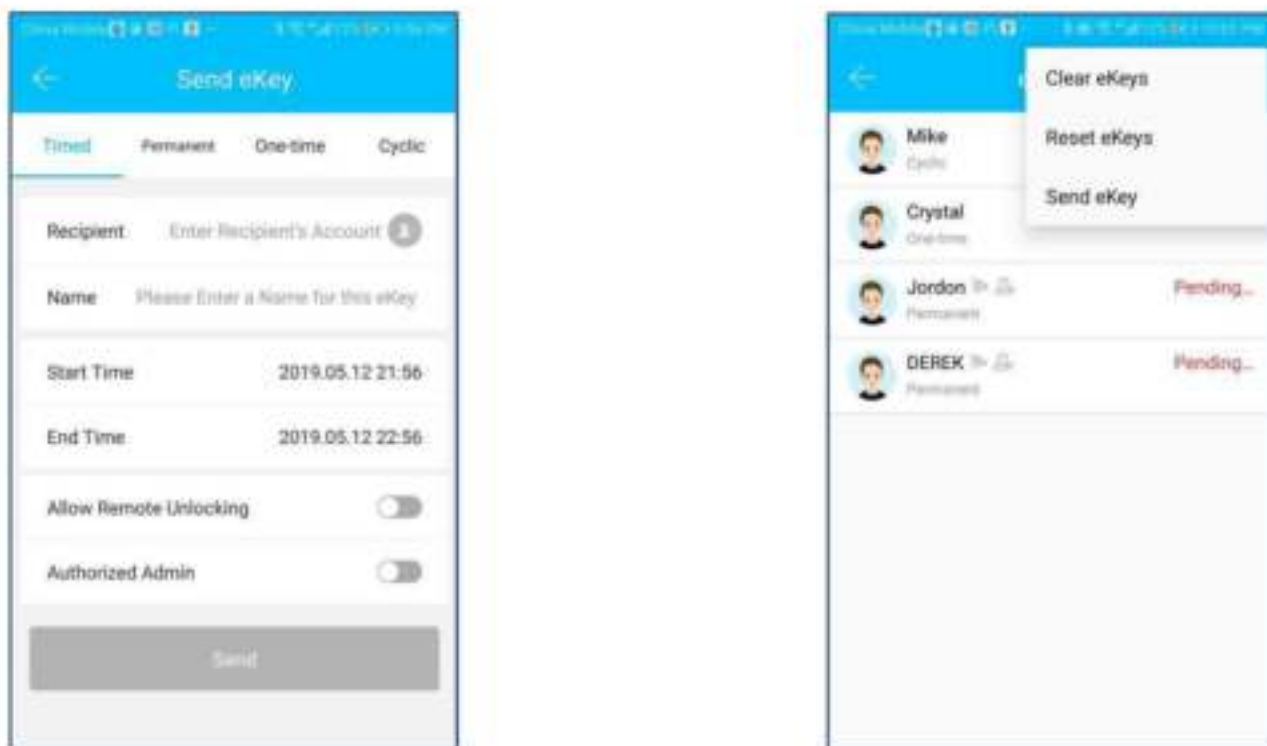


Select lock

Input lock name

Operation Successfully

### 6.3. Send Key By App



After adding the lock successfully, the user has the highest authority of the lock, which is the administrator of the lock. The user can send the Bluetooth key to others with setting the time limit, and has the right to select the limited time, permanent or one-time Bluetooth key. The key is sent to recipient's mobile phone or email and the recipient will get the key and authority of the lock in the TTLock App.

Administrators can manage all the keys they send out, including clearing keys, resetting keys, sending keys, adjusting the time limit of the keys, and viewing the access records.

## 6.4. Add Users By App

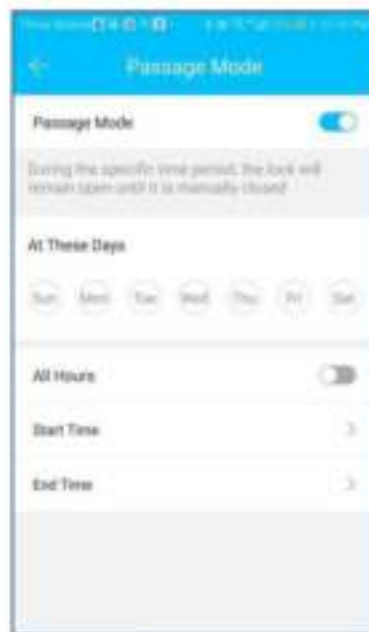
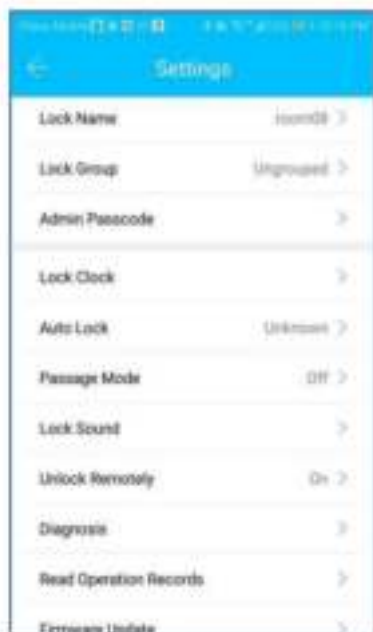


In the main interface of the TTLock App, select Passwords, IC Cards or Fingerprint, and click on the upper right to add and manage fingerprint, passwords and IC cards. You can add users for limited time or permanent access. The access records can be queried in the main interface.

For Example: Add Cards

When the user selects the "Add Cards" function, the lock screen will light and with two beeps. You will hear a beep when swiping card. That means operation successful.

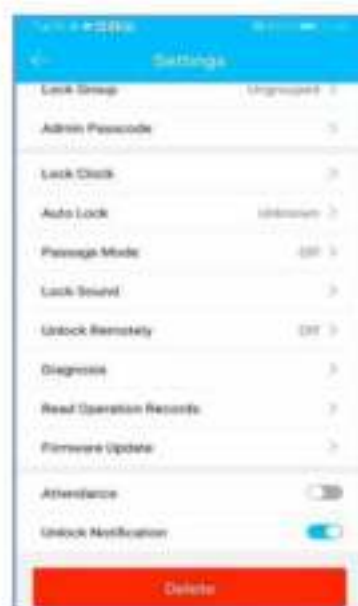
## 6.5. Passage Mode



In the main interface of the app, select the passage mode in the settings, and the date of the passage mode can be set, and the start time and end time of the passage mode can also be set.

Once you set a time for the passage mode. It needs to be activated by a verified fingerprint or code first at that time, after verified, everyone then can directly unlock the door without any access permission. The passage mode can be turned off in the APP through a simple click.

## 6.6. System Initialization



### TTLock Release Administrator

The phone must be operated within the range of the Bluetooth of the lock to initialize the lock and APP administrator at the same time. Enter the "Settings" in the main interface of the TTLock App, click on the "Delete" at the bottom, and input the login password to successfully release the administrator.