



# SMART DOOR LOCK

Fingerprint Identification



Remark: ✓ is for locking outside

FCC ID: 2A4W4-HMI-2012

INSTRUCTION MANUAL

## INFORMATION & SAFETY WARNINGS

- This user manual will guide you through the functions and usages of our 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. 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.
4. 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.
5. Verify all surfaces are flat and level before beginning installation, 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.

6. Never apply any cleaner directly to any part of the lock.  
Only use clean water and mild cleaner on a soft non-abra-sive cloth when cleaning.
7. Potential shock warning: do not allow water or liquids to get into lock's electric parts.
8. The lock is used with TTLock 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.

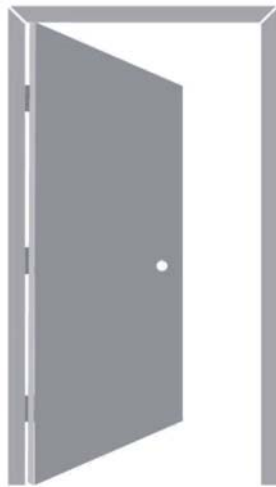
## PRE-INSTALLATION CHECKLIST

|                                                                                                                                                |  |
|------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 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. |  |

## CHECK DOOR OPEN DIRECTION



There are some differences between the left-side and right-side door. Check your door orientation and switch the toggle to the appropriate orientation.



LEFT HAND

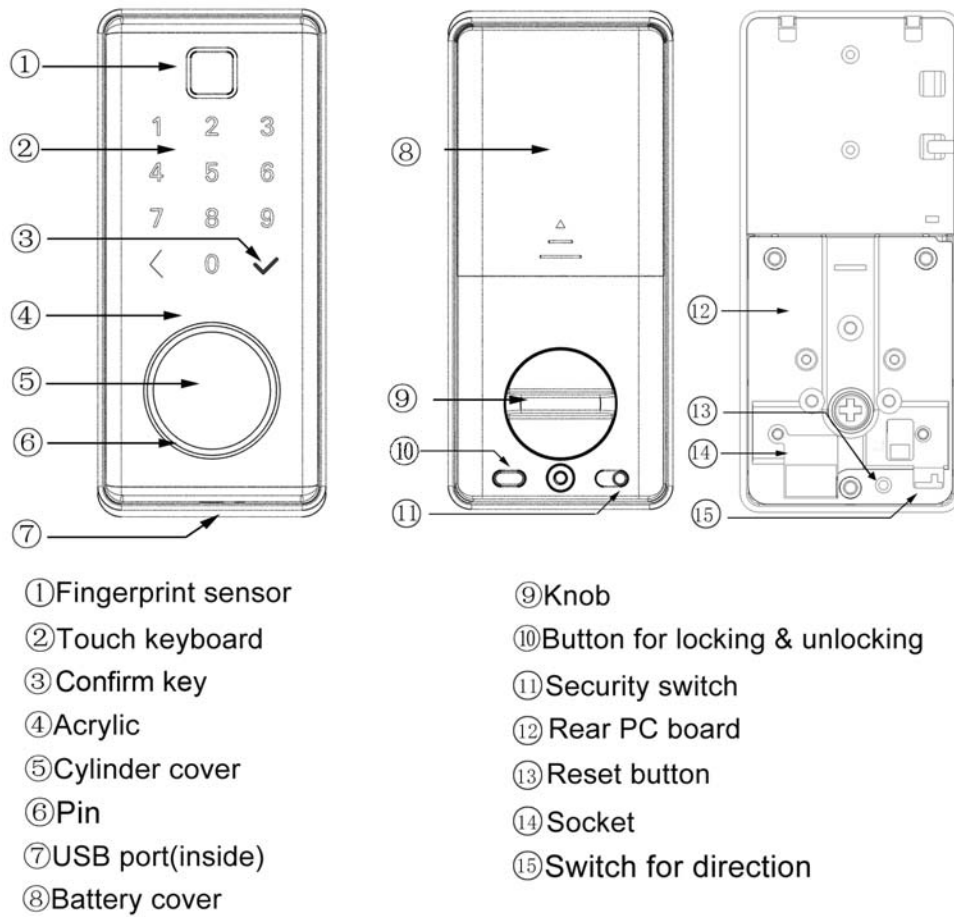


RIGHT HAND

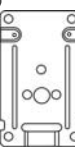
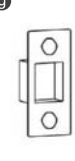
## 1 PRODUCT PARAMETERS

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| Model                        |                                                             |
| Dimensions (W×H×T)           | 6.22 x 2.76 x 1in (158 x 70 x 26mm)                         |
| Material                     | Zinc alloy                                                  |
| Gross weight                 | 3.75lb(1.7kg)                                               |
| Communication method         | BLUETOOTH                                                   |
| Supporting system            | Android 5.0 / IOS 7.0                                       |
| Stand-by current             | ≈ 35uA                                                      |
| Operating current            | ≈ 50mA                                                      |
| Working temperature          | - 4°F to 149°F (- 20°C to 65°C)                             |
| 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<br>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

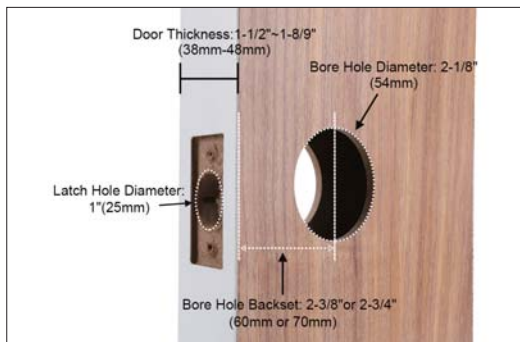


### 3 PRODUCT ACCESSORIES

|                                                                                                                                       |                                                                                                                 |                                                                                                                             |                                                                                                                   |                                                                                                                   |                                                                                                                   |                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|  <p>1 pcs<br/>Front Panel</p>                        |  <p>1 pcs<br/>Back Panel</p>   |  <p>2 pcs<br/>Rubber mat</p>               |  <p>1 pcs<br/>Mounting Plate</p> |  <p>1 pcs<br/>Lock Latch</p>     |  <p>1 pcs<br/>Strike Plate</p> |  <p>1 pcs<br/>Side Cover</p>    |
|  <p>3 pcs<br/>Back Panel<br/>(Inside Door) Screw</p> |  <p>4 pcs<br/>Wooden Screw</p> |  <p>3 pcs<br/>Door Thickness<br/>Screw</p> |  <p>2 pcs<br/>Card</p>           |  <p>2 pcs<br/>Mechanical Key</p> |  <p>4 pcs<br/>AA Battery</p>   |  <p>1 pcs<br/>Hole Template</p> |

## INSTALLATION STEPS

### ① Adjustable deadbolt length



1.1. If backset of door measures 2-3/4" (70mm), adjust latch by rotating face as shown.



2-3/8" (60mm)



2-3/4" (70mm)

1.2. Installing the deadbolt.



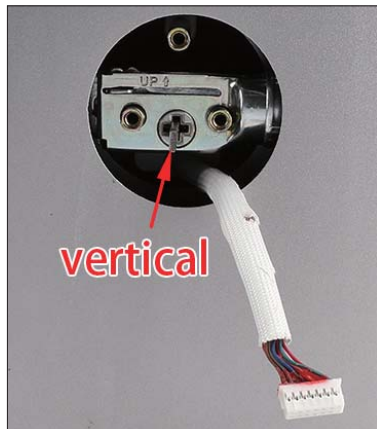
"up" is upward



Fixed with pointed screws

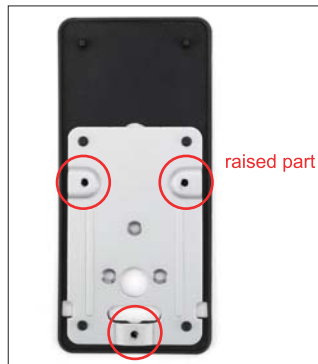
## ② Installing the front panel

2.1. Keep the pin of the cylinder vertical and insert the keypad into the latch.



## ③ Installing the mounting plate

3.1. Keep the raised part outward, Slide the mounting plate and thread the wire connector through, then tighten the screws.



#### ④ Adjusting the knob to the proper orientation

4.1. Switch the toggle switch to L/R based on your door orientation.  
Switch to L for a left-sided door / Switch to R for a right-sided door.



Right-sided door



Vertical for Right-side door



Left-sided door



Horizontal for Left-side door

- 4.2. Connect the IC wire to inside back panel, then plug the excess wire into the hole to facilitate installation.



## ⑤ Install inside back panel

- 5.1. Screw inside back panel to mounting plate (Demonstration of the right door).



5.2. Install 4pcs AA batteries, screw back the battery cover.



**Remarks:** After installation completed, please check if the keypad light on by touching the keypad, if not, please check the connection of the IC wire or change new batteries.

Please enter 123456 +✓ key, then unlock. Make sure if the lock can work.

## OPERATION BY APP VIA BLUETOOTH

### 1 ADD LOCK

- Download and install “TTlock” from Google Play or App Store.



Google Play



App Store

- Register account with phone number or e-mail and login, then add door lock.

[Login](#) [Register](#)



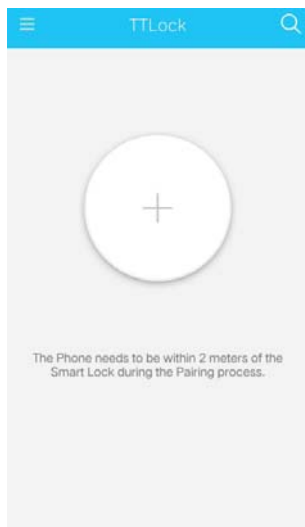
[Forgot Password?](#)

Login

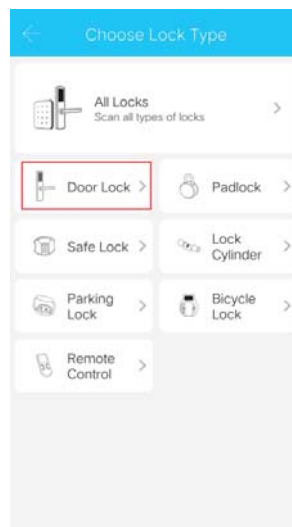
[←](#) [Reset Password](#)

[Get Code](#)

Reset Password



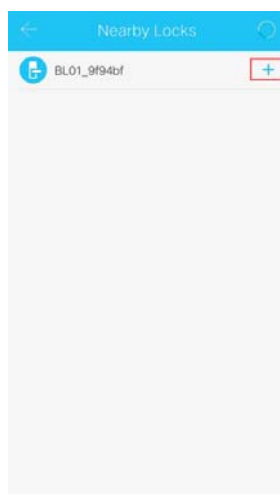
Click “+” in the center



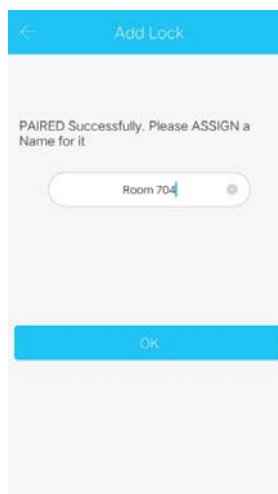
Select “Door Lock”



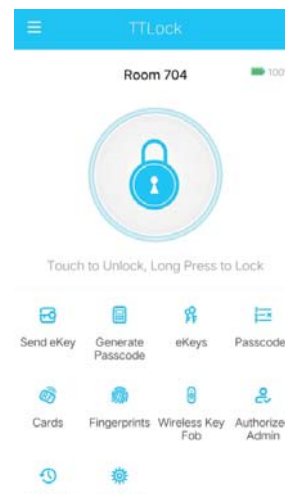
Touch keypad and click “Next”



Click “+”



Name your lock and click “OK”

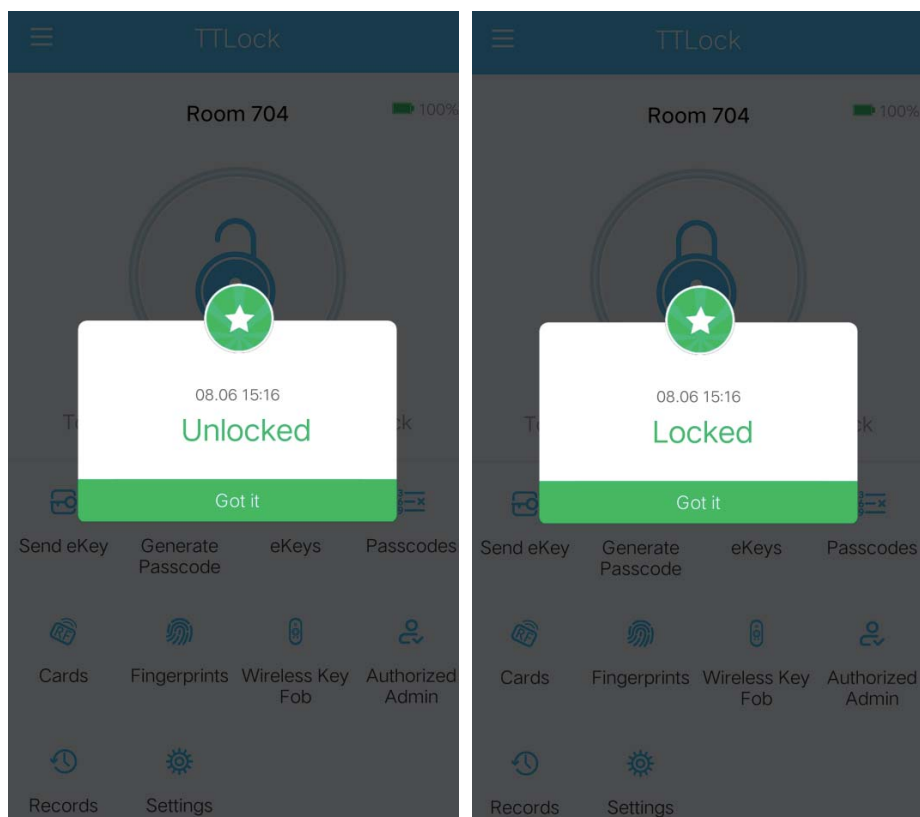


Add completed

**Note:** Touch the touch screen button of the smart lock to activate lock, the number keys indicator light will be bright and click "Next" on the app.

## 2 UNLOCK / LOCK BY APP VIA BLUETOOTH

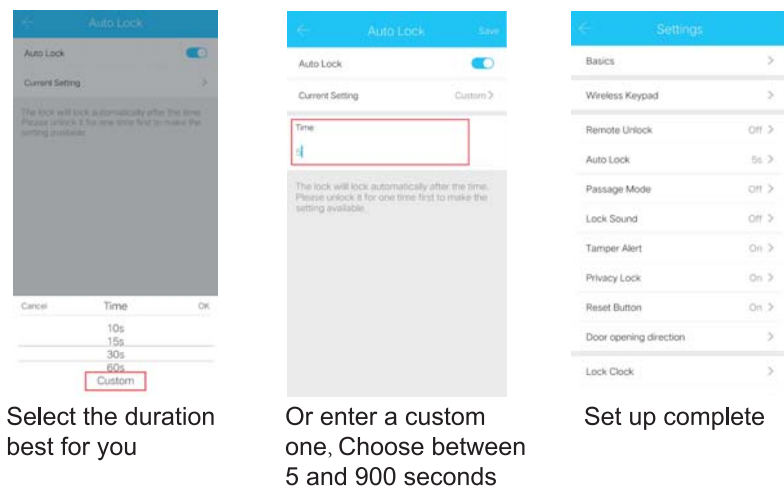
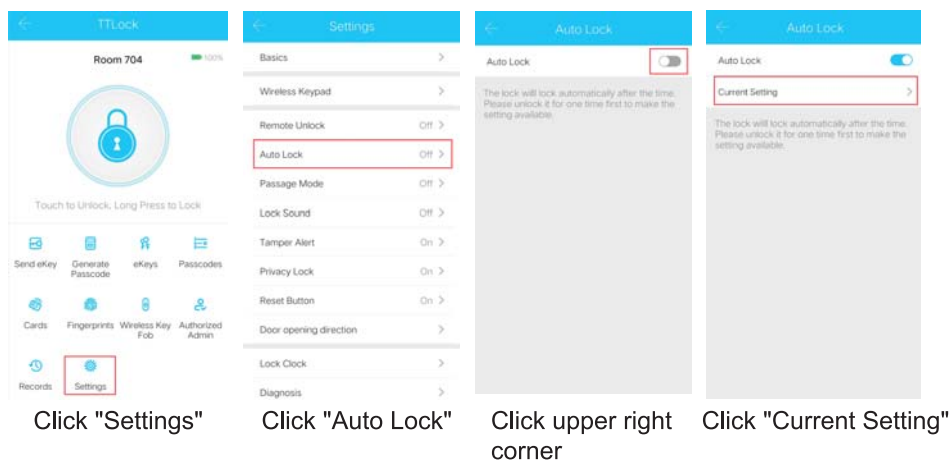
- Unlock by touching the lock button , it will pop up “Unlocked”.
- Lock by long-pressing the lock button , it will pop up “Locked”.



**Remarks:** Check to see if your door lock operates in the correct orientation. If it does not switch the toggle switch to other side and re-install it.

### 3 AUTO LOCK SETTINGS

**Remarks:** Auto Lock can only be set through the program, but cannot inform you if your door is locked. Keep your phone while setting up the lock.

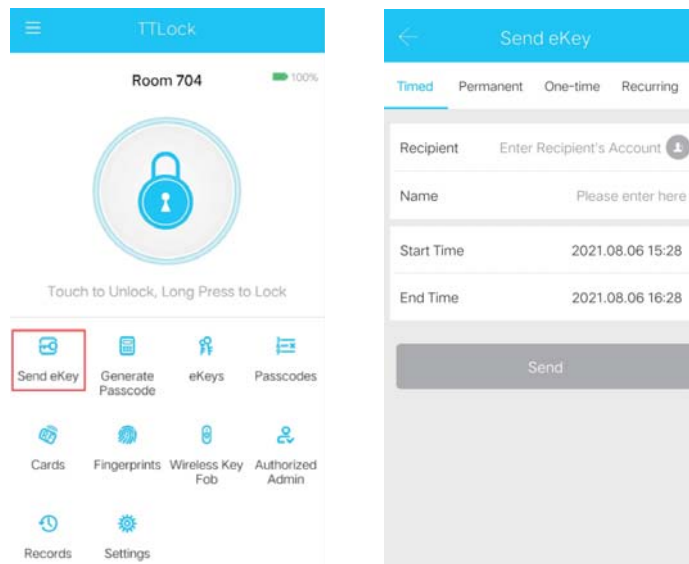


**Tips:** If you open the lock manually from inside the door, the lock will automatically close the lock by the time you set.

## 4 SHARE THE APP WITH YOUR FAMILY / GUESTS (eKey)

eKey is the function that authorizes your family members and guests to unlock / lock your door with the same app.

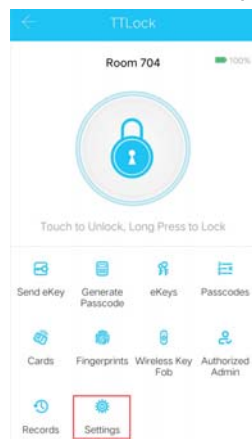
- Download the TTlock app and register a new account on other people's phones.
- Click “Send eKey” on the app screen with the admin account (the first account to add the lock).



- Select a Timed, Permanent, One-time, or Recurring eKey, then input the recipient account and name it.
- Select duration if necessary, then click "send".
- Refresh by pulling down on the app screen on the new smart phone app, and the smart lock will show up on the app screen.  
Remarks : Admin accounts can manage all guest accounts by tapping on "eKeys" in the app.

## 5 LOCK SOUND

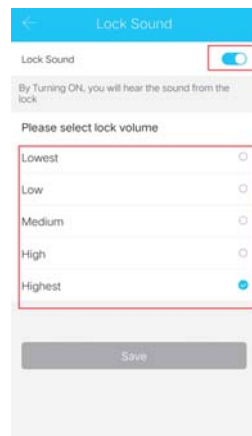
The original settings for this smart lock is "Lock Sound Highest", but you can disable it if you want.



Click "Settings"



Click "Lock Sound"



Select type or Click upper right corner



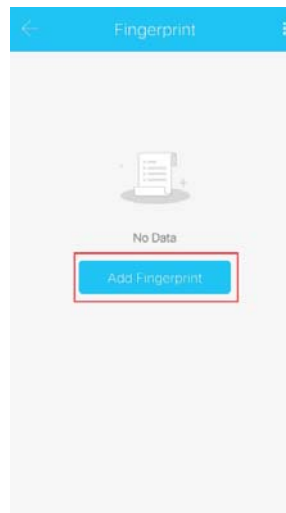
Click "Save", and you're done

**Note:** Please keep your phone close while setting up your lock.

## 6 FINGERPRINT UNLOCK



Click "Fingerprints"



Click "Add Fingerprint"



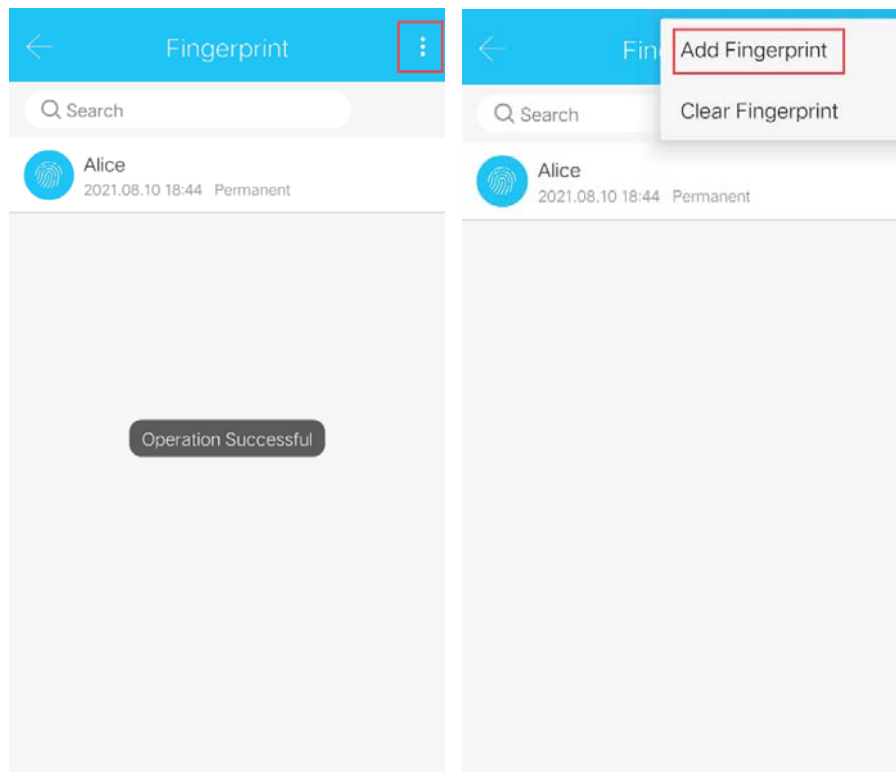
Select type, Named, then Click "Next"



Click "Start", and Put the finger against the fingerprint of the lock



Press 4 times according to the prompt, and you're done

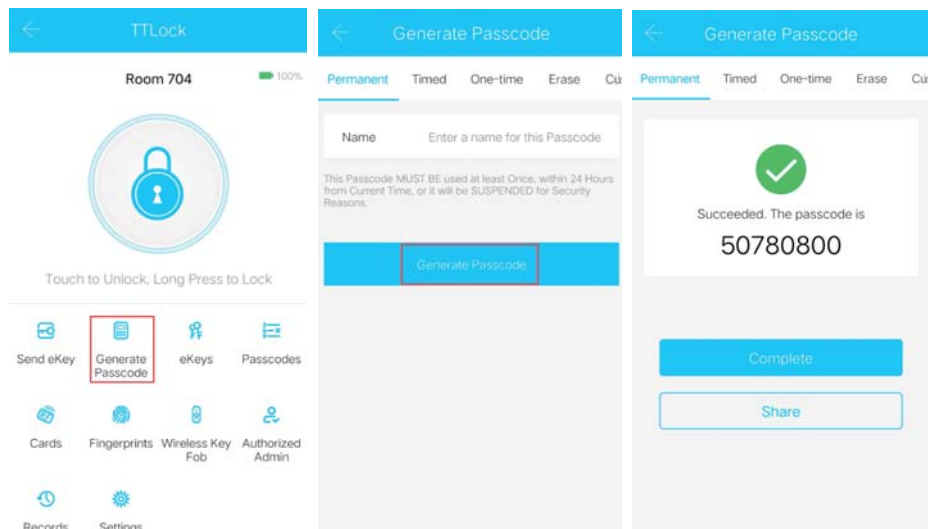


If you need to set more people's fingerprints, click the upper right corner.

Click "Add Fingerprint"

**Tips:** Please don't worry. The fingerprint is only stored in the smart lock and will not be leaked. It absolutely ensures your privacy and security.

## 7 GENERATE PASSCODE



Click “Generate Passcode” in the app      Select the type and named      Passcode generated

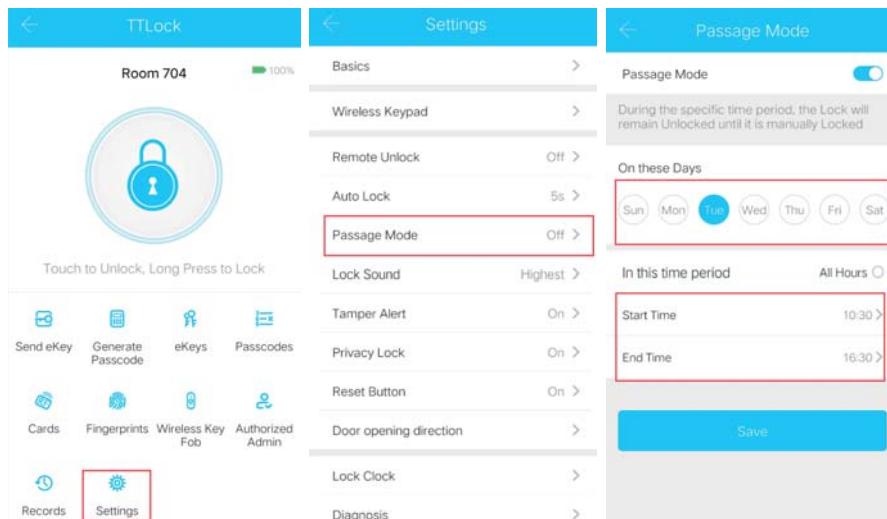
### Unlock/lock with keypad

- Unlock by inputting the passcode, then press the lock button“✓”.
- Lock by long-pressing the lock button“✓”.

**Note:** For your safety , this smart lock supports Virtual Passcode (add anydigit in front of or behind the passcode . If your Passcode is 12345678 , you can unlock it with 5612345678 or 1234567802.)

**If you need to lock the door from outside, press and hold "✓" on the keyboard.**

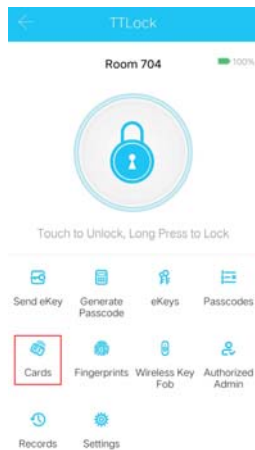
## 8 PASSAGE MODE



- 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 .
- After the passage mode is activated, everyone can directly unlock the door without any access permission. The passage mode can be turned off clicking again.

## 8 CARD INSTRUCTIONS

- Card can be used to unlock your door but cannot be used to lock it.



Tap “Cards” in the app



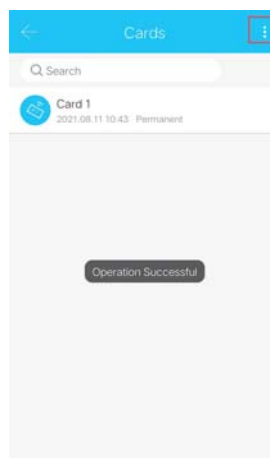
Click “Add Card”



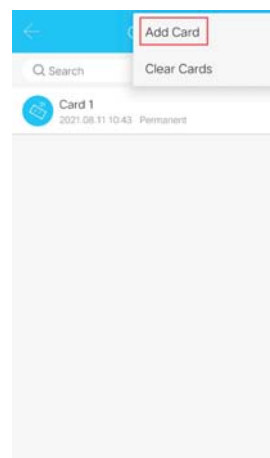
Select the type and named, then Click “OK”



Place the Card on the keypad , and you're done



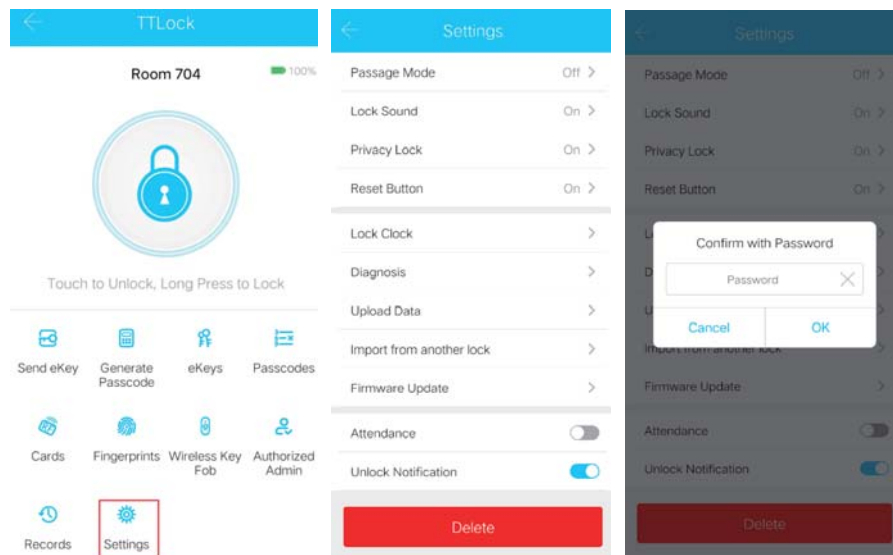
If you want to add more cards, click the upper right corner



Click “Add Card”

**Note:** Keep your phone nearby while setting up your lock.

## 9 SYSTEM INITIALIZATION



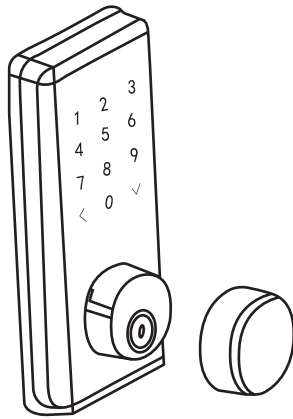
### TTLock Release Administrator

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.

## MECHANICAL KEY INSTRUCTIONS

There are two compatible mechanical keys included. Please keep them available for backup.

- Take the cover off by turning the cover.
- Insert the keys to unlock / lock your door.



## OTHER FUNCTIONS

### Alarms

**Anti-theft Alarm:** If someone enters the passcode or fingerprint incorrectly five times, it will sound an alarm and lock for 5 minutes.

**Low Voltage Alarm :** Once the batteries are almost dead, this smart lock will send an alert , and if you forget to replace the batteries before they are dead ,you can use USB backup power to power it (at the bottom of keypad).

### Security Lock

The Security Switch is under the knob, and only the Manager Account can unlock when you switch it to RED. It can't be locked by keyboard, or unlocked by password, card and fingerprint.



### WARRANTY

Thank you for choosing HBODIER smart lock. We provide 60 days of free exchange and return & 12 months product quality guarantee for your gate lock. If you have any question like installation, or you have problems with our APP, feel free to contact us. Our customer service team will be available to assist you at any time.

## **FCC WARNING**

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.

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).