

# PRODUCT MANUAL

● Please read the manual carefully before use and keep it properly.



- TLock System
- THotel System
- TRenting System



Fingerprint Unlock



APP Unlock



Key Unlock



Password Unlock



Card Unlock

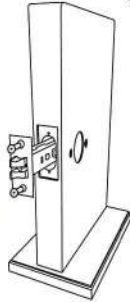
# Installation Manual



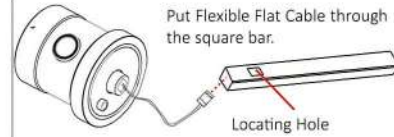
Accessories selection table

Door Thickness	Square Bar	Connecting Rod
35mm~50mm	73mm	30mm
50mm~65mm	88mm	40mm

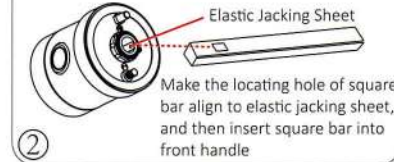
Step 1: Install Single latch and Select proper connecting rod and square bar according to door thickness.



①

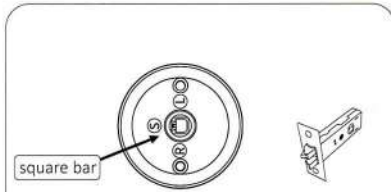


Put Flexible Flat Cable through the square bar.  
Locating Hole



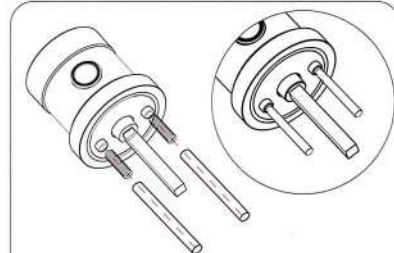
Elastic Jacking Sheet  
Make the locating hole of square bar align to elastic jacking sheet, and then insert square bar into front handle

②



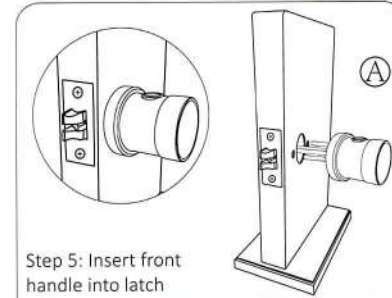
Step 3: Turn square bar and adjust the direction of locating hole to "S".

③



1. Screw black double-headed screws into front handle tightly  
2. And then screw connecting rod onto black double-headed screws

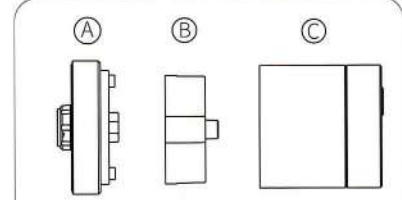
④



Step 5: Insert front handle into latch

⑤

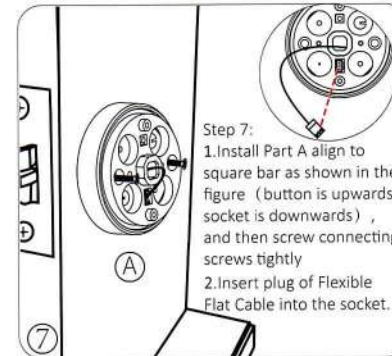
Note: Make sure square bar with Flexible Flat Cable through latch



Step 6: Disassemble rear handle to 3 parts, as shown in Figure A, Figure B and Figure C.

⑥

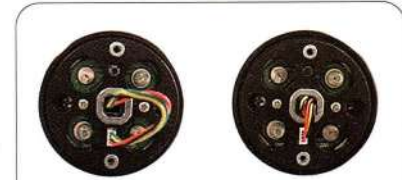
Note: Please don't lose screws



Step 7:  
1. Install Part A align to square bar as shown in the figure (button is upwards, socket is downwards), and then screw connecting screws tightly  
2. Insert plug of Flexible Flat Cable into the socket.

⑦

Note: Take turning screwing two connecting screws to avoid that the screw on one side is too tight and the screw on the other side is too loose.

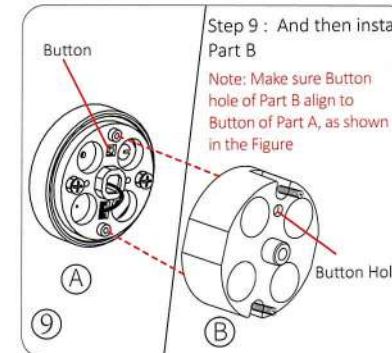


Before

After

Step 8: Organize Flexible Flat Cable and put it into square hole of Part A to avoid cable being crushed.

⑧

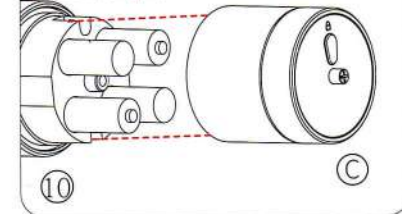


Step 9: And then install Part B

Note: Make sure Button hole of Part B align to Button of Part A, as shown in the Figure

⑨

Step 10: Insert 4 AA batteries according to positive and negative pole. Install Part C, and screw the screw tightly  
Note: make sure secure lock button upwards as shown in the Figure.



⑩

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## Product Introduction

This smart lock is a new type of intelligent door lock . It has 2 core patents and can be used in 25 languages worldwide. Currently, TTLOCK App can be download and applied in 159 countries and regions. Advanced electronic and biometric technology enables the smart lock to have intelligent recognition capabilities, making users' work and life easier and more convenient.

This smart lock can be used for private homes, commercial offices, residential buildings and more.

Please read this manual carefully before using this product.



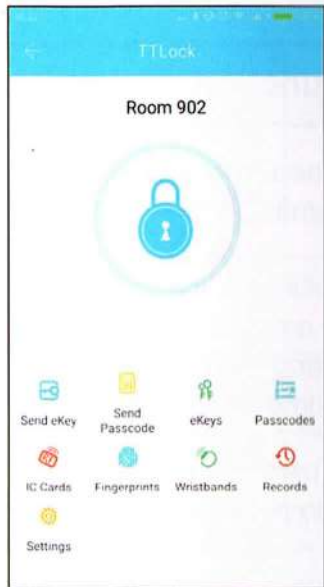
## Product Introduction

Unlock Modes	Fingerprint: 120 Max
	Passcode: 150 Max
	Card: 200 Max
	Bluetooth: Unlock by App
Power Supply	4 AA batteries
Scramble Code	16 digits total
Work Temperature	-25~70°C
Door Thickness	35mm-65mm
Fingerprint type	Semiconductor embedded fingerprint
Button type	Capacitive touch button

## Product Introduction

Safety Assistant Function		
1	Passage Mode	when you need to open/close the doors frequently
2	Low battery alarm	when the voltage is lower than 4.8V, the alarm is activated each time with the unlock, and the lock could be unlock 200 times after first alarm
3	Scramble code function	It supports front and back dummy passcodes to prevent from peaking
4	Secure Lock Mode	Except for the administrator, any other users can not unlock the door
5	Access records query	You can check access records at anytime by TTLOCK App
6	USB emergency interface	you can charge the lock to unlock the door when the battery run out.

## Download TTLock App



The software (iOS version) can be downloaded from the app store, and the Android version can be downloaded from many app stores, such as Google play, Aptoide and so on.



(Google Play)



(App Store)

## Add Lock by App



Add a lock



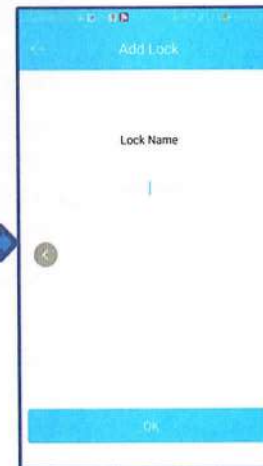
Select "Door Lock"



Light up touch screen



Select lock



Input lock name



Operation Successfully

## Set Administrator Passcode by APP

### 1. Set Administrator Passcode by App

After add lock, the new administrator password will be generated randomly. The new administrator password could be found by following the operation: main interface → Settings → Basics → Admin Passcode, and then click the Admin Passcode to modify the administrator passcode.

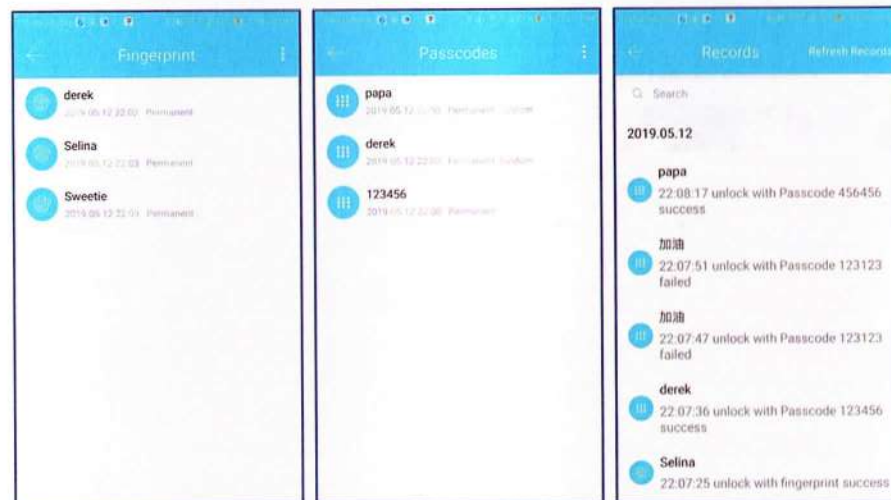
### 2. The Authority of Administrator

A. The administrator passcode has unique and highest authority,.

B. When secure lock mode is on, only administrator's App and Passcode can open the lock.

**Note:** After adding the lock for the first time, the lock time should be calibrated by App, and the operation is shown as follow: main interface → Settings → Lock Clock → Calibration time. Otherwise, some functions may not be available.

## Add Users by App

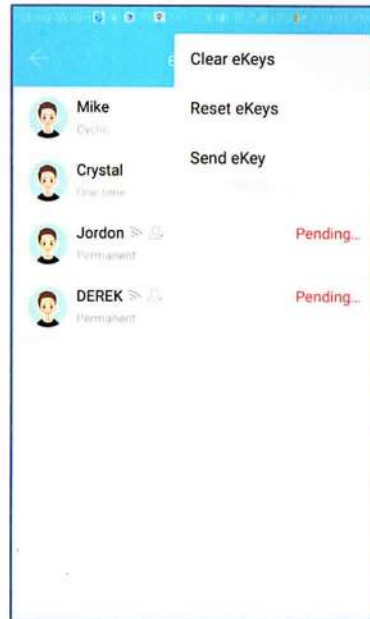
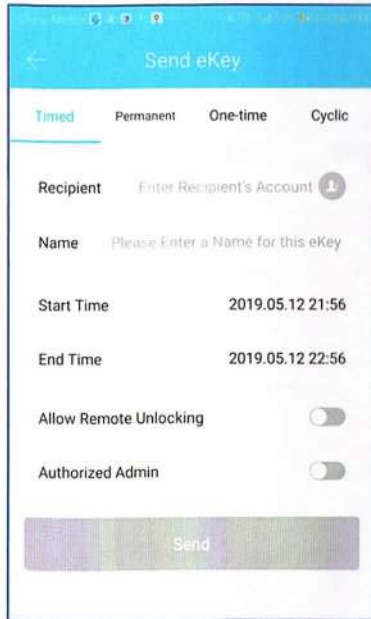


In the main interface of the TTLock App, select Passcodes, Fingerprints or IC Cards, and click on the upper right to add and manage fingerprints, passcodes and IC cards. You can add users for limited time or permanent access. The access records can be queried in the main interface.

For example: add fingerprint

When the user selects the “Add Fingerprint” function, the lock prompts “Please press your finger on the sensor” by voice. After the user presses the finger and recognizes it, the lock prompts “Please press again” by voice, after the recognition is successful, the lock prompts “Operation successful” by voice, otherwise it prompts "Operation failed" by voice.

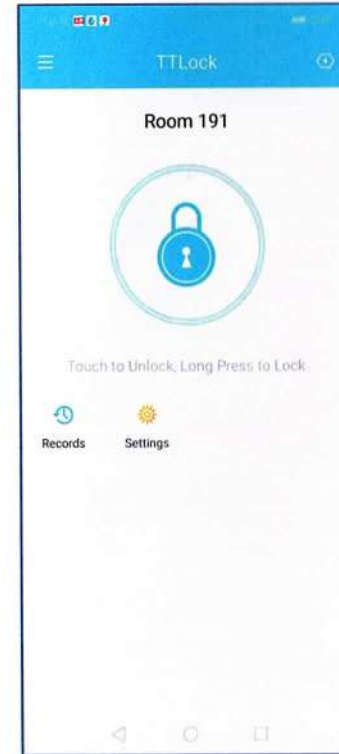
## Send Key by App



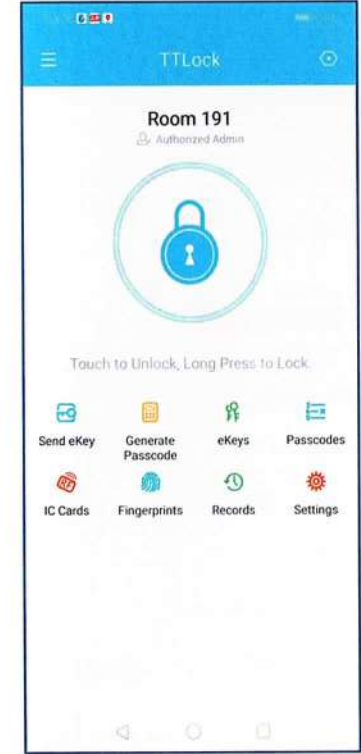
After adding the lock successfully, the user has the highest authority of the lock, which is the administrator of the lock. The user can send the bluetooth key to others with setting the time limit, and has the right to select the limited time, permanent or one-time Bluetooth key. The key is sent to 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.

## Send Key by App



Ekey



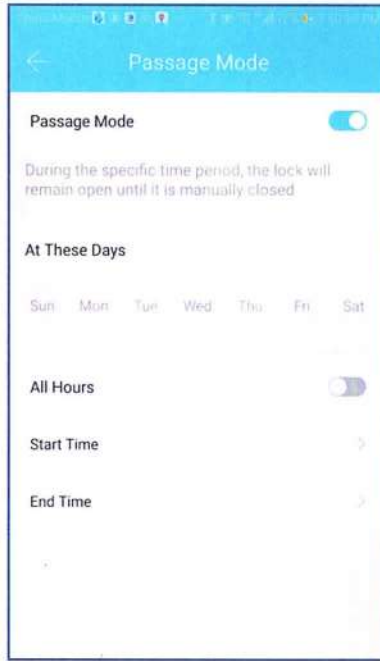
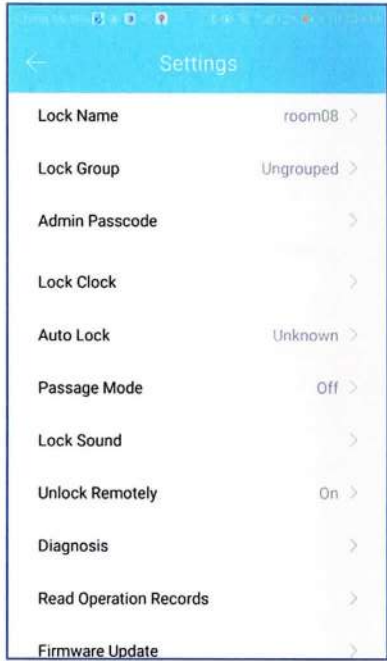
Admin Ekey

Note: The recipient can remotely receive Ekey.

A. Ekey has the rights of one-button unlocking, checking access records, and setting passage mode.

B. Admin key has rights of adding locks, managing users, and so on.

## Passage Mode

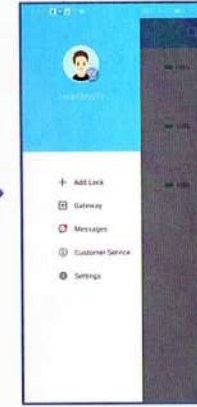


In the main interface of the app, select the passage mode in the settings, and the date of the passage mode can be set, and the start time and end time of the passage mode can also be set. After the passage mode is activated, everyone can directly unlock the door without any access permission. The passage mode can be turned off by clicking again.

## Transfer Administrator Authority



Click in the upper left corner



Settings



Transfer Locks



Select Locks



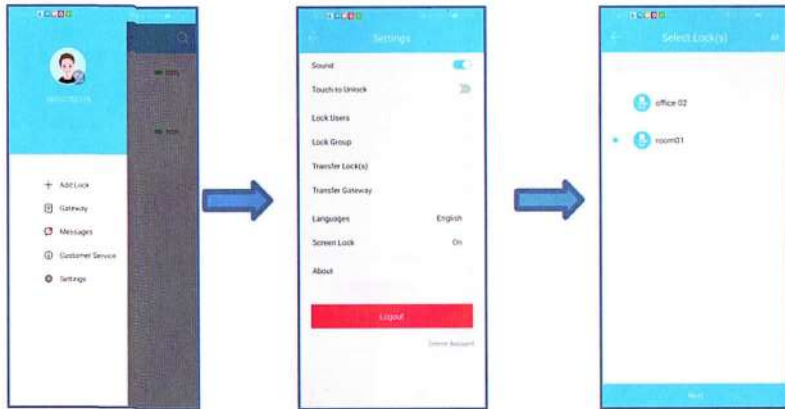
Input Account



Input Verification Code

The highest management authority of the lock will be transfer to another user. After the transfer operation, the lock is automatically removed in App.

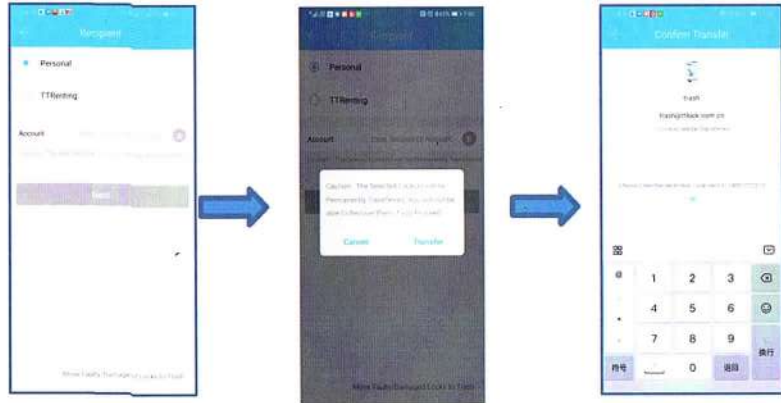
## Remove Faulty/Damaged Locks



Settings

Transfer Locks

Select Lock



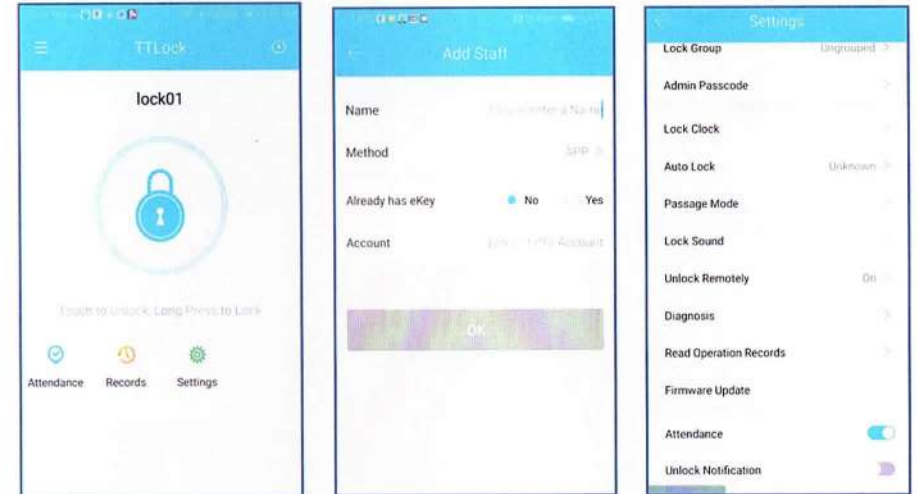
Remove Lock

Click Transfer

Input Verification Code

Use this method when the prompt is “this lock already exists on your device, please delete it first”.

## Attendance Management



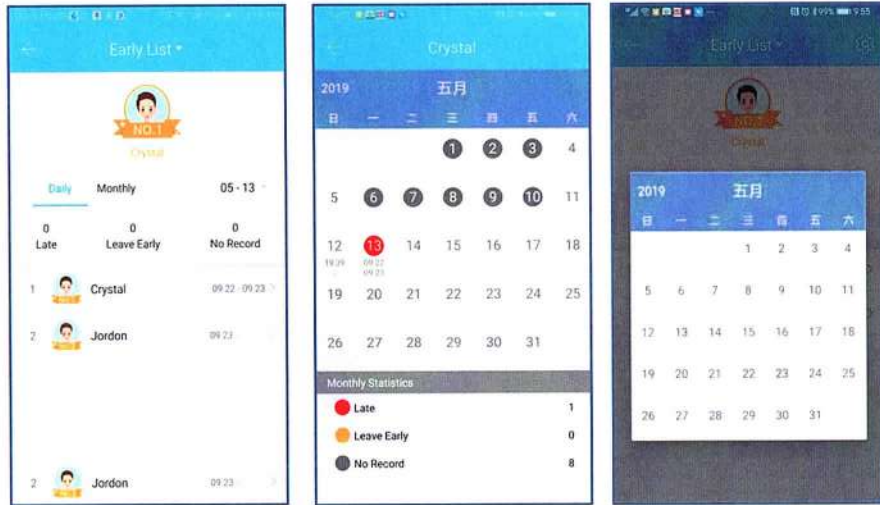
### A. Attendance Management

The attendance management includes staff management, attendance statistics and so on. This function can be turned on or off in the setting.

### B. Attendance Method

There are three ways to support attendance: App, passcode, IC card, which can be set in the staff management.

## Attendance Management



## A. Attendance Statistics

You can check the daily attendance of all staff. And the records can be sorted according to the time clocked. Lateness, leaving early and no clock-in can be identified in three different colors.

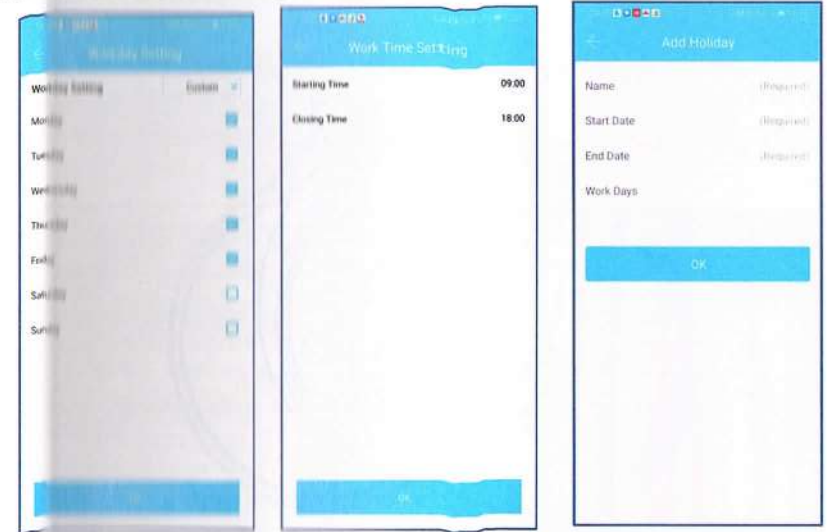
## B. Check Attendance

Select an employee to check the attendance of the employee for each month. Slide left and right to switch months. At the bottom of the page, there is the statistics of the number of lateness, leaving early, and no clock in this month.

## C. Set Attribute

The attendance function has a number of attributes that can be set, including company name, department, working hours, workdays, and holidays.

## Attendance Management



## A. Work time setting

Starting time and closing time can be set. Lateness and leaving early are based on these two data.

## B. Workday setting

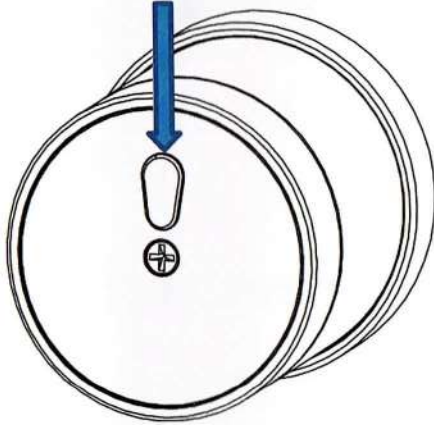
Workday of a week can be set. There are two modes for selection: custom and one-two-day weekend. Custom means that you can specify which days of the week are workday. One-two-day weekend means that one day weekend and two days weekend rotate.

## C. Holiday setting

The holidays can be set, such as Christmas, Thanksgiving Day and so on.

## Initialization

Secure Lock Button



A. Initialization by Handle and Secure Lock Button  
Turn Rear Handle left, and then push secure lock button, and hold for 10 seconds. Lock prompts "Please input initialization passcode", and input "000#". Lock prompts "Deleting administrator successful", and all fingerprints, passcodes, IC cards are deleted from lock.

B. Initialization by App  
Enter the "Settings" in the main interface of the TLock App, click on the "Delete" at the bottom, and input the login passcode to successfully release the administrator, and all fingerprints, passcodes, IC cards are deleted from lock.

(Note: This operation should be within the range of the Bluetooth )

## Secure Lock Mode

Secure Lock Button



A. Activate Secure Lock Mode  
Long press secure lock button for 3 seconds, and then the lock prompts "Secure lock is on". In this mode, the lock can only be open from the inside or from the outside using the Admin passcode and App. This function shows how the user can prevent the lock from being open from the outside using the fingerprint, passcodes, IC Cards or the app.

B. Deactivate Secure Lock Mode  
Short press secure lock button, and the lock prompts "Secure lock is off", the secure lock mode is closed.

## Modify Passcode using Touch Screen

A. Modify Administrator Passcode (Default passcode :123456)  
Input \*12#old passcode#new passcode#new passcode# to modify Admin passcode. In this process, after inputting \*12#, the lock prompts "Please input the original passcode", and then input passcode followed by #. If original passcode is wrong, the lock prompts "Wrong passcode", otherwise it prompts "Please input a new passcode". After input new passcode, the lock prompts "Please input again". And input same passcode again, if modification is successful, the lock prompts "Operation successful".

B. Modify User Passcode  
Input \*10#old passcode#new passcode#new passcode# to modify user passcode. In this process, after inputting \*10#, the lock prompts "Please input the original passcode", and then input passcode followed by #. If original passcode is wrong, the lock prompts "Wrong passcode", otherwise it prompts "Please input a new passcode". After input new passcode, the lock prompts "Please input again". And input same passcode again, if modification is successful, the lock prompts "Operation successful".

## Add & Delete Users using Touch Screen

### 1. Add Users

Input \*85#, lock prompts "Please input administrator's passcode". Input Admin passcode followed by #, after the verification is successful, the lock prompts "Please input fingerprint or passcode".

#### A. Add Fingerprint

After admin's verification is successful, press finger on fingerprint reader 4 times, and lock prompts "Please press again" every time. After fingerprint identification is successful, it prompts "Operation successful".

#### B. Add Passcode

After admin's verification is successful, input passcode followed by #, lock prompts "Please input again", and input same passcode again, lock prompts "Operation successful".

#### C. Add IC Card

After admin's verification is successful, swipe card and recognizes it, lock prompts "Operation successful".

### 2. Delete Users

#### Delete All Fingerprints

Input \*70#. Lock Promts "Please input administrator's passcode". Input Admin passcode followed by #, lock prompts "Operation successful".

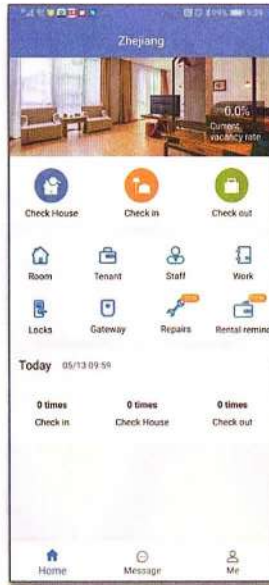
#### Delete All Passcodes

Input \*71#. Lock Promts "Please input administrator's passcode". Input Admin passcode followed by #, lock prompts "Operation successful".

#### Delete All IC Cards

Input \*69#. Lock Promts "Please input administrator's passcode". Input Admin passcode followed by #, lock prompts "Operation successful".

## TTRenting App Download

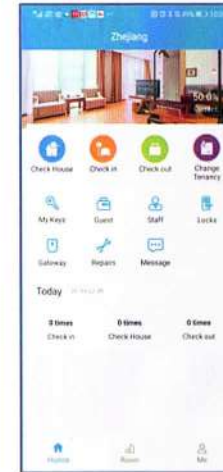


(Apply to apartment and rental building)

TT Renting App can send the temporary passcode directly, check in and check out, check the tenant list, check the access records, add the list of branches, and pay the rent and utility fees.

The landlord can send the rent bill to the tenant by TT Renting App. The bill can include: rent, water and electricity, gas, property and so on. This App provides a all-feared mobile management function for apartment and tenement.

## TTRenting App Introduction



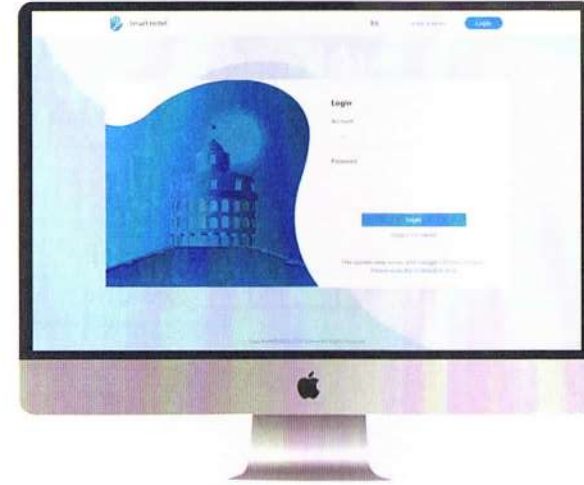
Functions	Creating Information	Managing Houses	Managing Locks
	Add Room	Check House	Manage Locks
	Edit Room	Check In	Manage Gateways
	Add Room Pictures	Check Out	Manage Ekeys
	Share Room Info	Unlock Record	Manage Passcodes
	Room Info	Staff System	Manage Cards
	Room Facility	Rent Management	Manage Fingerprints

## TTHotel System

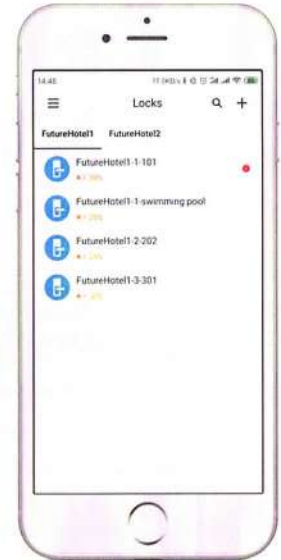
TTHotel System is suitable for centralized/distributed hotels and apartments. It is an intelligent hotel management software.

The software consists of a web-side management system and a tool APP, which includes various practical functions such as room, staff, intelligent hardware control and convenient check-in. It solves all kinds of problems encountered in hotel management and improves management efficiency. It is centralized. The best choice for intelligent management of hotels and decentralized apartments.

## TTHotel System



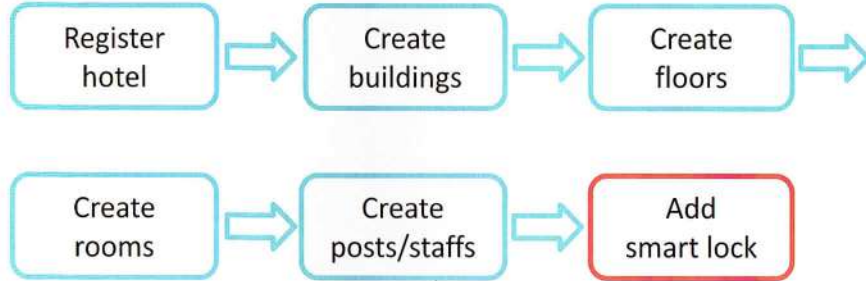
PC-side System



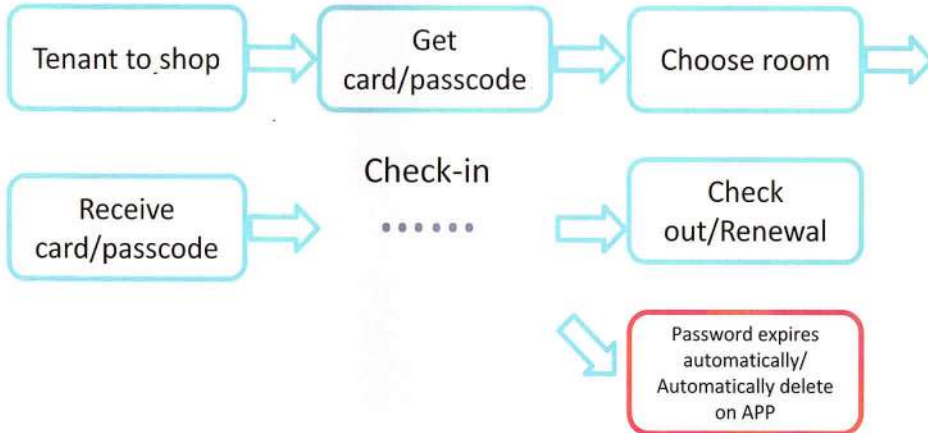
TTHotel APP

## TTHotel System

### Create Hotel Data:

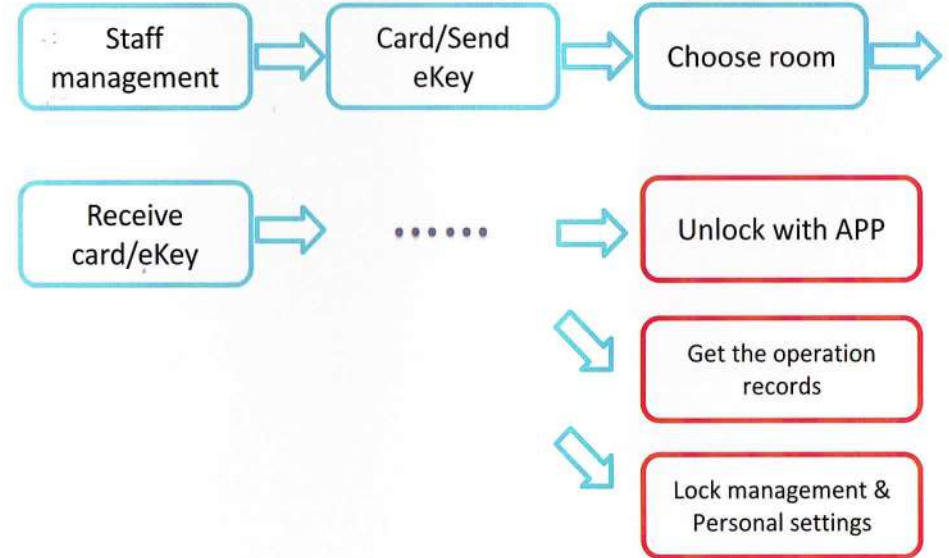


### Check-in:



## TTHotel System

### Staff Management:



  PC-side System

  APP



LIFE



AESTHETICS



RIGOROUS



RESEARCH