

Digital lock

Digital Smart Door Lock Manual

FCC ID: 2A4W4-HMI-2005

1. Product Introduction

This smart lock is a new type of intelligent door lock independently developed by our company. Currently, TTLOCK App can be download and applied in 159 countries and regions. Advanced electronic technology enables the smart lock to have intelligent recognition capabilities, making users' work and life easier and more convenient.

This smart lock supports application scenarios such as commercial office, apartment building, tenement and bedroom.

Please read this manual carefully before using this product.

2. Safety Assistant Function

Unlock Mode	Password: 100 PCS
	Card: 150 PCS
	Bluetooth: Unlock by App
Power Supply	4 AA batteries
Work Temperature	-40~70℃
Button Type	Capacitive touch button
Door Thickness	35~55mm
Passage Mode	When you need to open/close the doors frequently
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 unlocked 200 times after the first alarm
Access Records Query	You can check access records at anytime by TTLOCK App

3. Installation Instruction

1:Install latch on the door.

2:Fix the connection screws and square bar.(Tips:If the door lock is opened to the right, please point the arrow to “R”)



3:Install front panel on the door. Then remove the cover of the battery salver on the back panel, and connect the cables before install them.



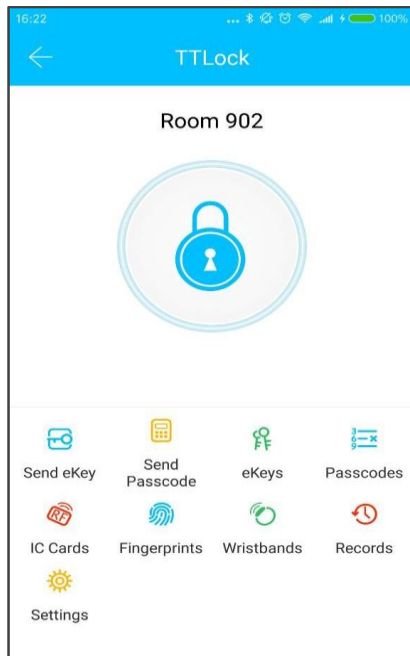
4:Put into battery and install cover back. Then you will hear a beep when the lock get into power. Finally, enter password to check if the lock works normmally.



4. Operation in APP

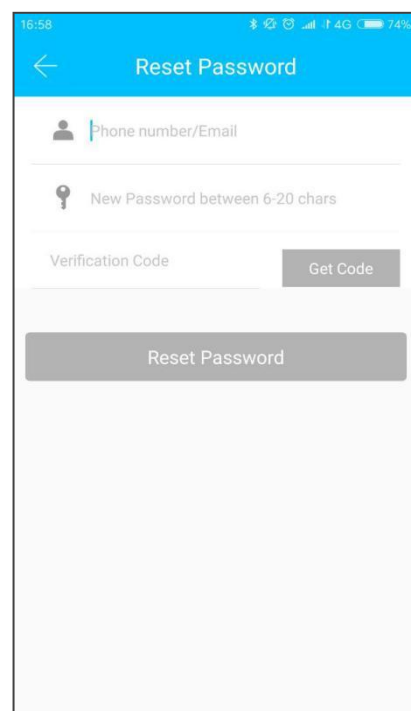
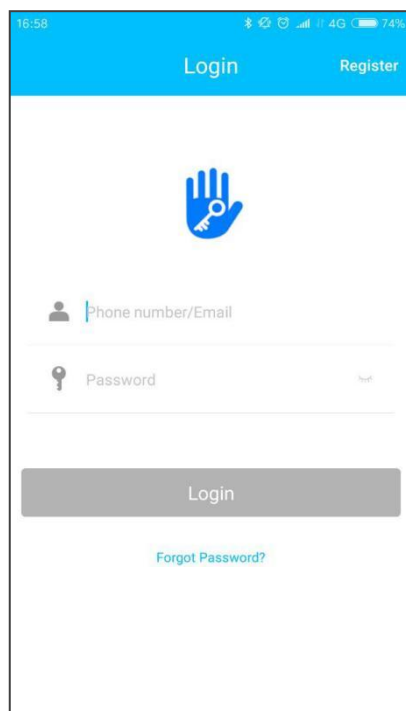
4.1. Add Bluetooth User

Download TTLock App from apple store and android market.



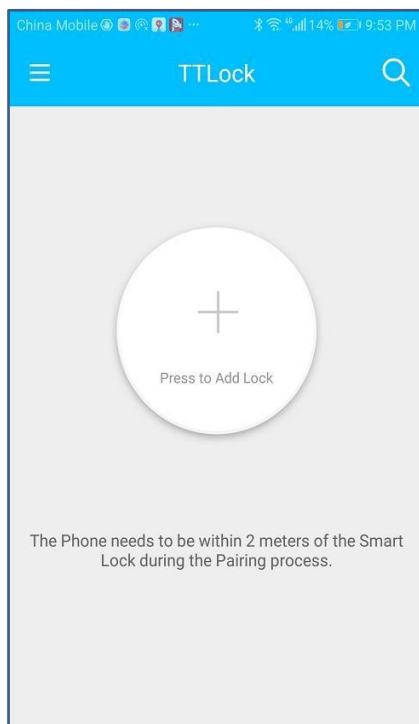
The software (IOS version) can be downloaded from the app store, and the Android version can be downloaded from the application store of Google play

Registration and Login By App

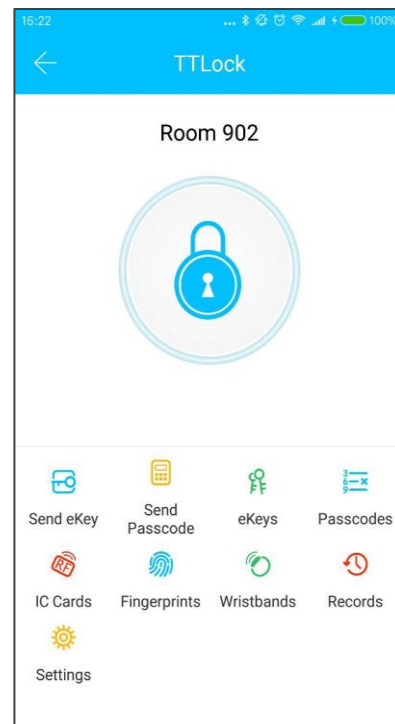


TTLock users can use their phone number and email to register their account. Currently, TTLock App has supported the phone number registration in 159 countries and regions. When users are registering their account, the

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.



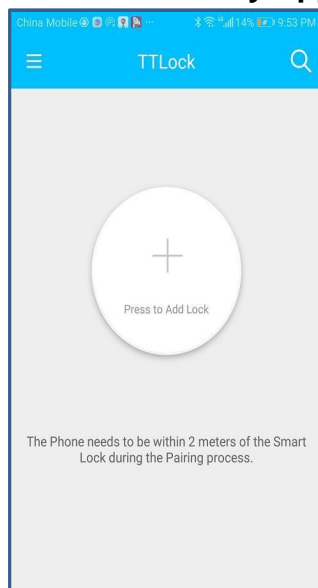
No lock bound with App



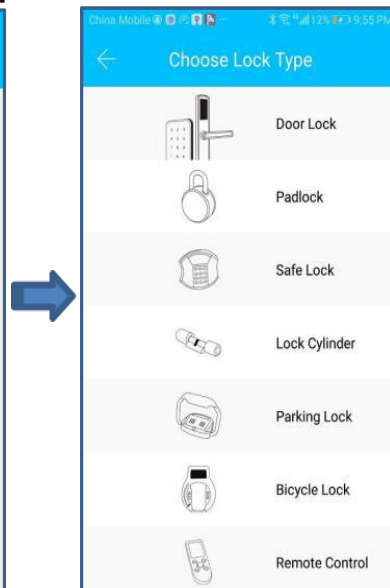
lock bound with App

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.

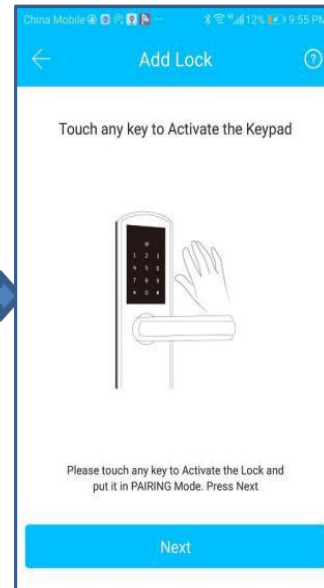
4.2. Add Lock By App



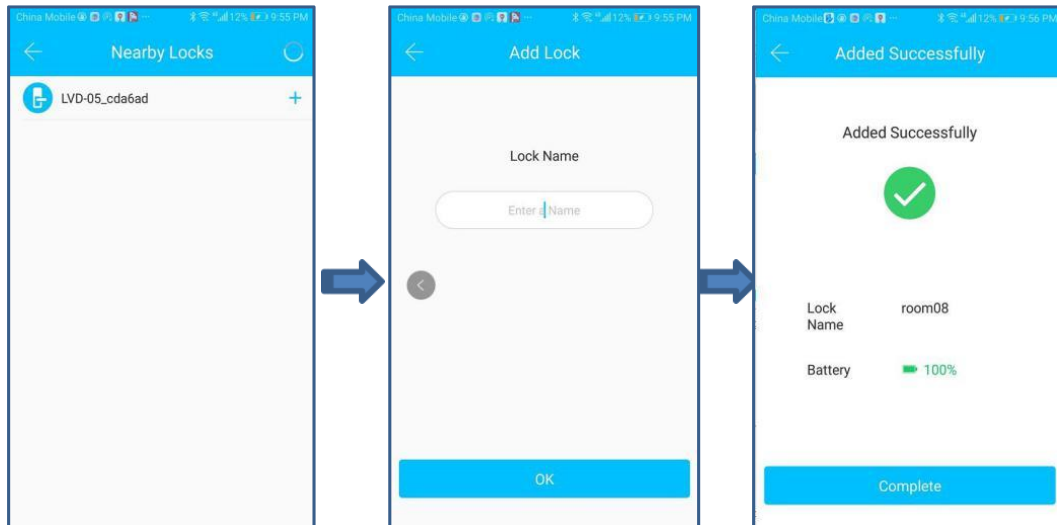
Add a lock



Select "Door Lock"



Light up touch screen

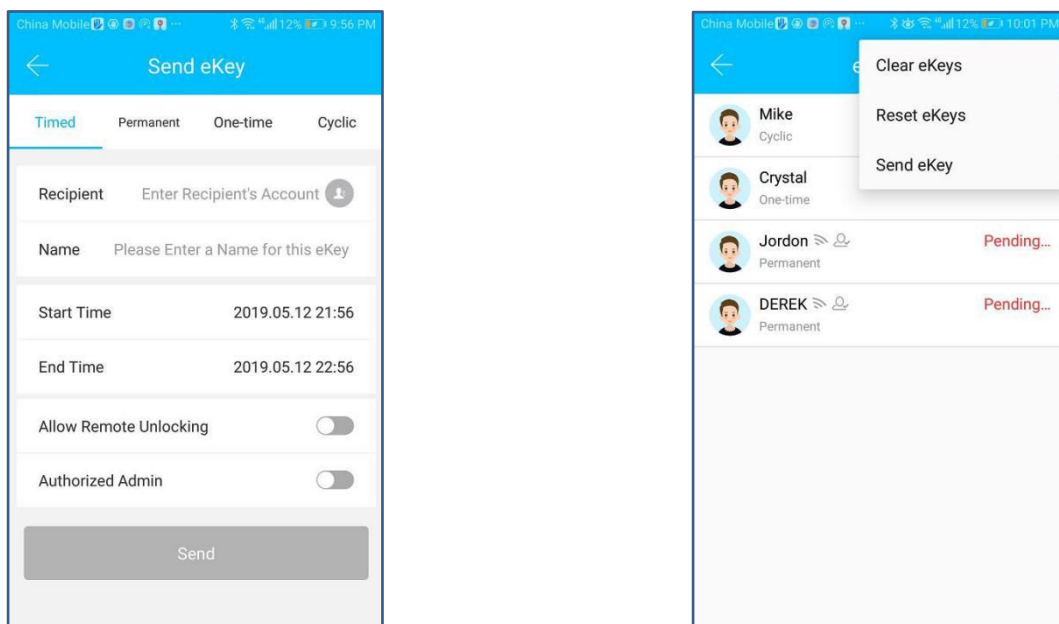


Select lock

Input lock name

Operation Successfully

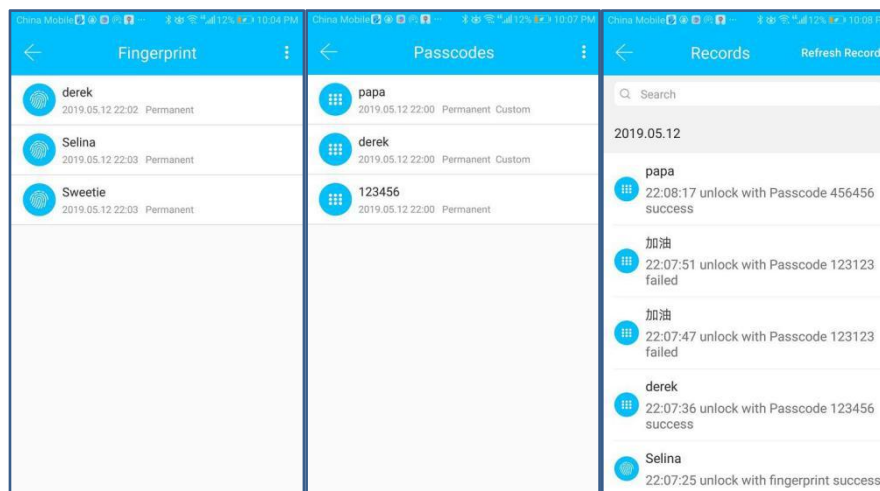
4.3. Send Key By App



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.

4.4. Add Users By App

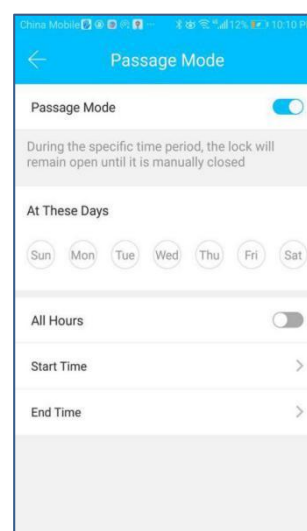


In the main interface of the TTLock App, select fingerprint ,Passwords, IC Cards, and click on the upper right to add and manage fingerprint , passwords and IC cards. You can add users for limited time or permanent access. The access records can be queried in the main interface.

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.

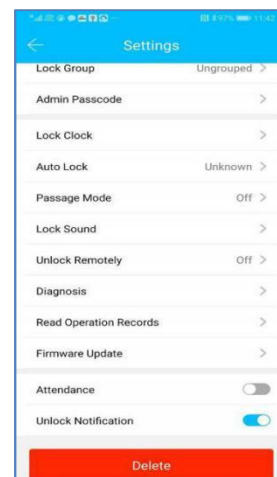
4.5. Passage Mode



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.

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.

4.6. 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.

5. Operation in Touch Screen

5.1. Add Users

A. Add Bluetooth Administrator

When the backlight is off, the user touches the button to wake up the door lock. And then add the Bluetooth administrator to the app. After the addition operation is successful, the user can hear a beeps.

B. Verify Administrator

After the user inputs "C85#", user can hear two beeps, then inputs the administrator password and "#", after the verification is successful, will hear two beeps, otherwise will hear three beeps.

C. Add Password

After the administrator's verification is successful, the user inputs the password and presses the "# "key, and then inputs the same password again, when the password is added successfully, will hear a beep.

D. Add IC Card

After the administrator's verification is successful, the user swipes the card

and recognizes it. Will hear a beeps if successful.

5.2. Delete Users

A. Delete All Password

The user inputs "C71#Administrator password#" to delete all the added passwords, including the password generated by the App (the administrator password will not be deleted). In this process, the user inputs "C71#", after that, the user inputs the administrator password and "#", when the verification is successful, will hear a beep.

B. Delete All IC Card

The user inputs "C69#Administrator password#" to delete all IC cards. In this process, the user inputs "C69#", after that, the user inputs the administrator password and "#", and when the verification is successful, will hear a beep.

5.3. Modify password

A. Modify Administrator Password (Default password :123456)

User inputs "C12#old password#new password#New password#" to modify the management password. In this process, inputting "C12#", and then the user inputs the password and press "#". If the original password is wrong, will hear three beeps, otherwise you can input new password. After the user inputs the new password twice. if the modification is successful, will hear a beep, otherwise will hear three beeps.

B. Modify User Password

User inputs "C10#old password#new password#New password#" to modify the password. In this process, after inputting "C10#", the user inputs the password and presses "#". If the old password is wrong, will hear three beeps, otherwise will hear a beep. After the user inputs the new password twice, will hear two beeps if the modification is successful, otherwise, will hear three beeps.

5.4. Passage Mode

A. Open Passage Mode

After successfully unlocking with password, IC card or Bluetooth, input "123#" in 5 seconds, before the lock automatically turned off. When the passage mode is activated, the user can directly turn the handle and unlock the door without, password, IC card or Bluetooth.

B. Close Passage Mode

After the passage mode is opened, it will be turned off automatically until the lock is unlocked with password, IC card or Bluetooth next 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).