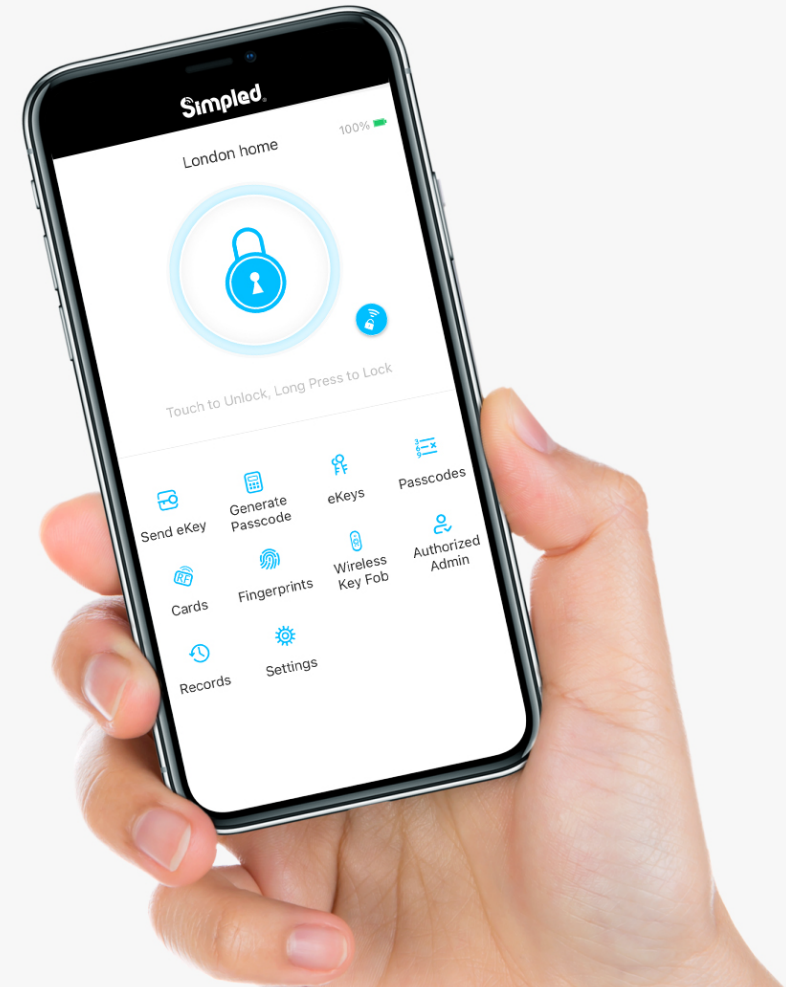


Simplified®

Smart Lock App



(I) Introduction

(II) Software installation

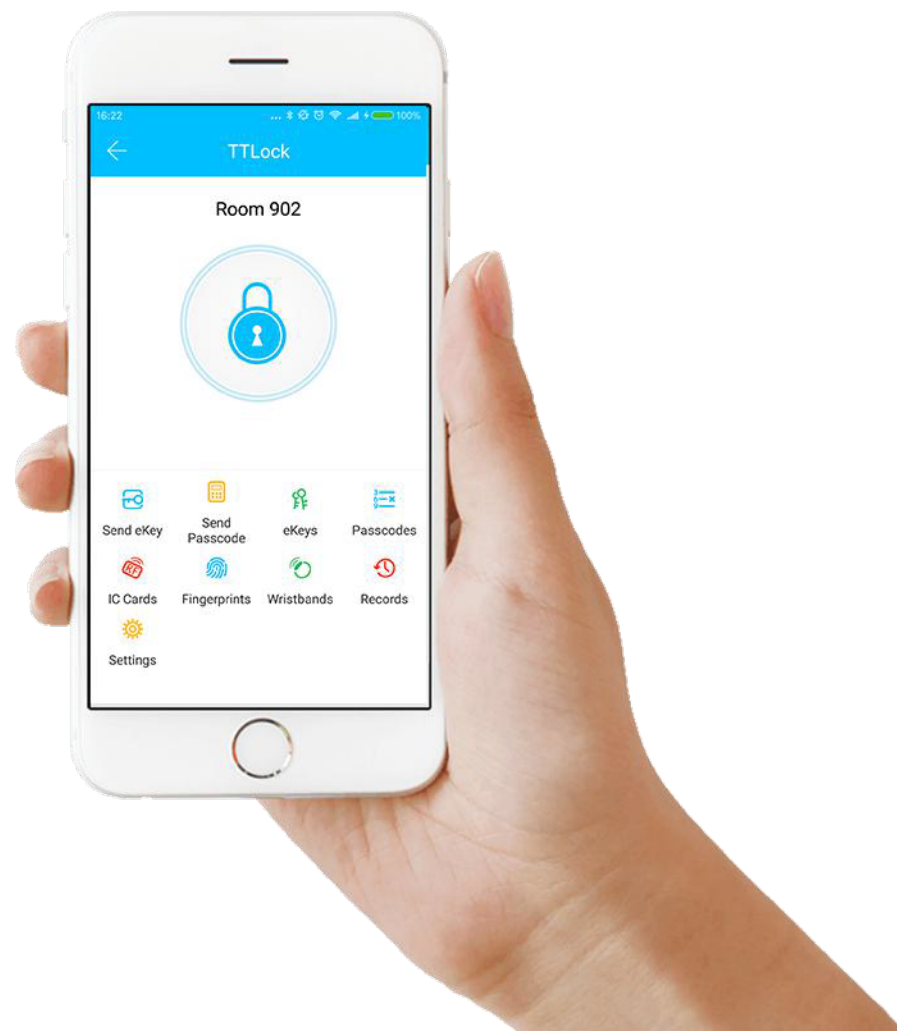
(III) Main functions

- **1 registration and login**
 - 1.1 security question settings
 - 1.2 login authentication
 - 1.3 ways of identifying
 - 1.4 login successful
- **2 key management**
 - 2.1 lock supporting
 - 2.2 lock adding
 - 2.3 lock upgrading
 - 2.4 error diagnosis and time calibration
- **3 key management**
 - 3.1 one-time passcode
 - 3.2 key management
 - 3.3 **deadline warning**
 - 3.4 search lock record
- **4 passcode management**
 - 4.1 permanent passcode
 - 4.2 time-limited passcode
 - 4.3 one-time passcode
 - 4.4 **clear code**
 - 4.5 cyclic passcode
 - 4.6 custom passcode
 - 4.7 passcode sharing
 - 4.8 passcode management
- **5 card management**
- **6 fingerprint management**
- **7 Bluetooth unlocking**
- **8 attendance management**
 - 8.1 attendance management
 - 8.2 staff management
 - 8.3 attendance statistics
 - 8.4 attendance check
 - 8.5 property settings
 - 8.6 time settings
 - 8.7 workday settings
 - 8.8 holiday settings
- **9 system setting**
 - 9.1 key groups management
 - 9.2 transfer lock
 - 9.3 AI customer service
 - 9.4 about the APP
- **10 gateway management**
 - 10.1 gateway adding
 - 10.2 manual

Introduction

The SMARTLOCK app (TApp) is a management software for smart lock . This APP can be used to manage various types of smart locks, including door locks, parking locks, safe locks, bicycle locks, and so on. The App and the lock communicate via Bluetooth to unlock, lock, hardware upgrade, read operation record, etc. on the App. The Bluetooth key can also help open the door lock through the AI watch.

Currently, the App supports Simplified Chinese, Traditional Chinese, English, Spanish, French, German, Italian, Russian, Portuguese, Serbian, Malay, Japanese, Vietnamese.



5. Registration

Install the SmartPhone App

In the App or Play store, search for:
Smartlock Europe



Software installation

The software (iOS version can be downloaded from the app store, and the Android version can be downloaded from the Google Play store.

The image displays two side-by-side screenshots of a mobile application interface. The left screenshot is titled 'Reset Password' and features a blue header with a back arrow. It contains three input fields: 'Phone number/Email', 'New Password between 6-20 chars', and 'Verification Code'. A 'Get Code' button is positioned to the right of the verification code field. A large grey 'Reset Password' button is at the bottom. The right screenshot is titled 'Login' with a blue header containing 'Login' and 'Register' links. It features a blue hand icon with a key, followed by 'Phone number/Email' and 'Password' input fields. A large grey 'Login' button is at the bottom, with a 'Forgot Password?' link below it. Both screens show a status bar at the top with the time 16:58, signal strength, 4G network, and 74% battery.

1. Registration and login

TT lock users can register the account by mobile phone and Email which currently support 200 countries and regions on the world. The verification code will be sent to user' s mobile phone or email, and the registration will be successful after the verification.

1.1 Security question settings

You will be taken to the security question settings page when registration is successful. When log in on a new device, the user can authenticate himself by answering the above questions.

16:41

← Security Questions Setting

✓ Registration Successful.

You can Verify your Identity by Answering your Security Questions when using a New Device

Question 1 >

Please type in your Answer

Question 2 >

Please type in your Answer

Question 3 >

Please type in your Answer

OK

Skip

16:42

← Security Questions Setting

✓ Registration Successful.

You can Verify your Identity by Answering your Security Questions when using a New Device

Question 1 >

Please Select a Question

Where did you go the first time you flew on a plane?

What is your QQ number?

What was the name of your first pet?

In which year was your father born?

What was the first film you saw in the theater?

Cancel

16:43

← Security Questions Setting

✓ Registration Successful.

You can Verify your Identity by Answering your Security Questions when using a New Device

Where did you go the first time you flew on a plane? >

Please type in your Answer

What is your dream job? >

Please type in your Answer

In what city did you meet your lover? >

Please type in your Answer

OK

Skip

The image displays two mobile application screens side-by-side. The left screen is the 'Login' page, featuring a blue header with 'Login' and 'Register' tabs. It includes a blue hand icon with a key, a text input for 'Phone number/Email', a password input with a toggle for visibility, a 'Login' button, and a 'Forgot Password?' link. The right screen is the 'Reset Password' page, with a blue header and a back arrow. It contains a 'Phone number/Email' input, a 'New Password between 6-20 chars' input, a 'Verification Code' input with a 'Get Code' button, and a 'Reset Password' button. Both screens show status bars at the top with time, signal, and battery levels.

1.2 Login authentication

Log in with your mobile phone number or email account on the login page. The mobile phone number is automatically recognized by the system and does not input the country code. If you forget your password, you can go to the password page to reset your password. When reset the password, you will receive a verification code from your mobile phone and email address.

Verification is needed when the account is logged in on a new mobile phone. Once the verification is done, you can log in on the new mobile phone. All the data can be viewed and used on the new mobile phone.

17:06

← Identity verification

Verification Code

Get Code

Please get a verification code. The code will be sent to 137[redacted]69

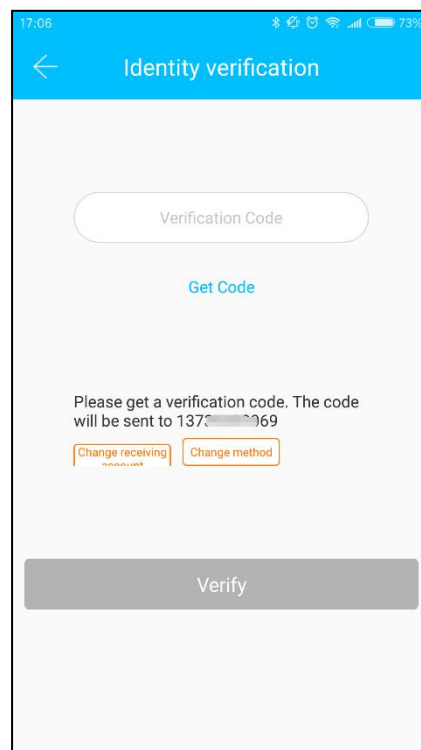
Change receiving account Change method

Verify

1.3 Verification mode

There are two ways of security verification. One is the way to get the verification code via the account number, and the other is the way to answer the question. If the current account verification is set as "answer the question" verification, when logged in, on a new device, "answer the question verification" option will be prompted.

verify with verification code
as shown :

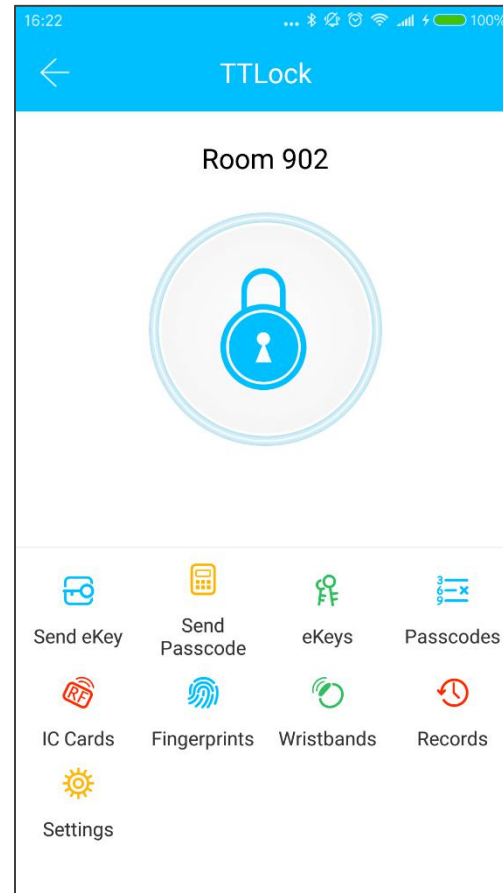


verify by answering questions
as shown :





no lock adding



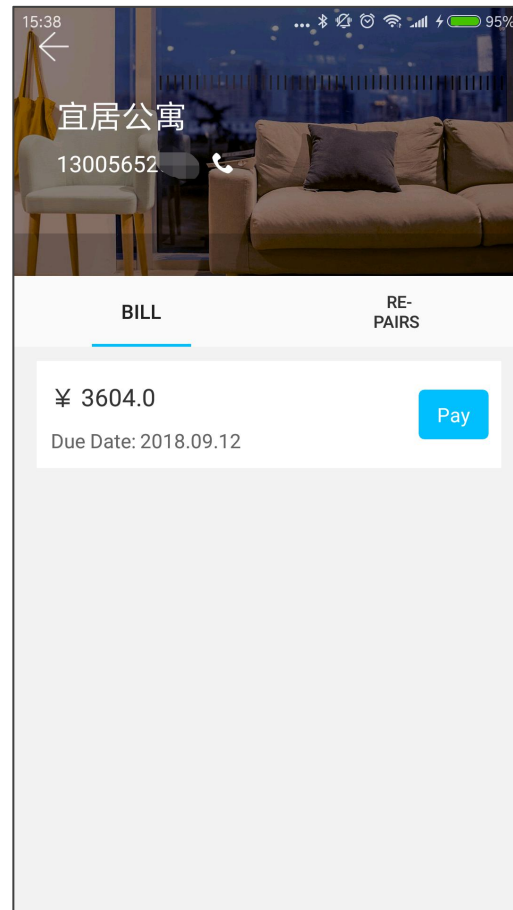
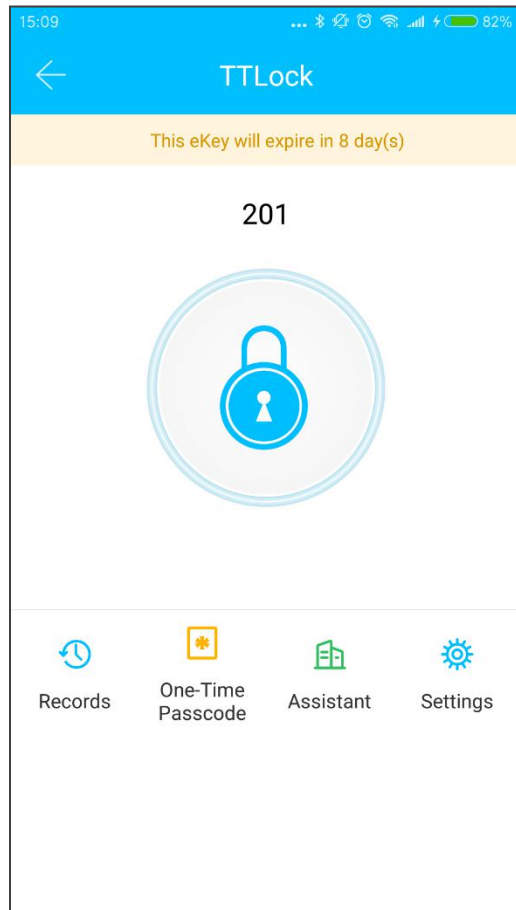
the account with lock

1.4 Login successful

The first time you use the app, if there is no lock or key data in the account, the home page will display the button to add a lock. If there is already a lock or key in the account, the lock information will be displayed.

(Ⅲ) Main functions-registration and login

TT lock function



Apartment assistant

The apartment assistant module can be seen in the lock app only when the key comes from the apartment.

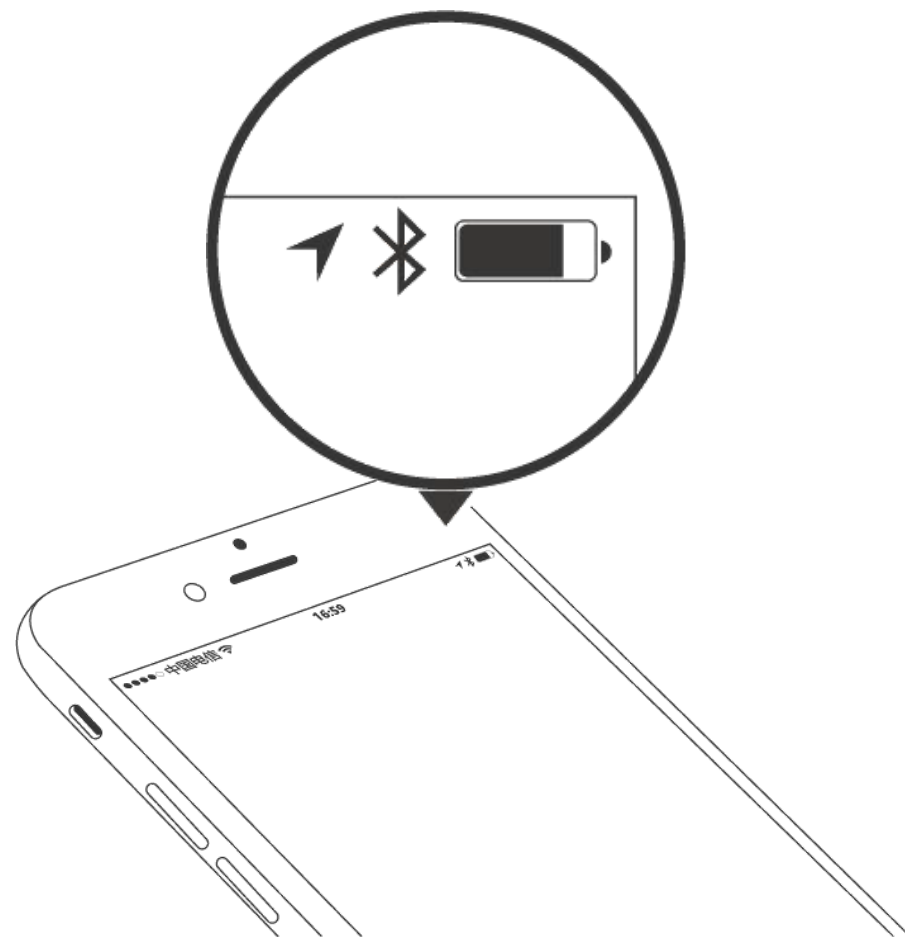
In the apartment assistant module, you can pay rent and repair. The landlord collects the rent from the Room Master APP and sends the rent bill to the tenant. According to actual usage, the bill includes rent, water and electricity, gas, property, broadband, etc.

2. Lock management

The lock must be added on the app before it can be used. The addition of a lock refers to the initialization of the lock by communicating with the lock via Bluetooth. Please stand beside the lock. Once the lock is added successful, you can manage the lock with the app including sending a key, sending a password, and so on.

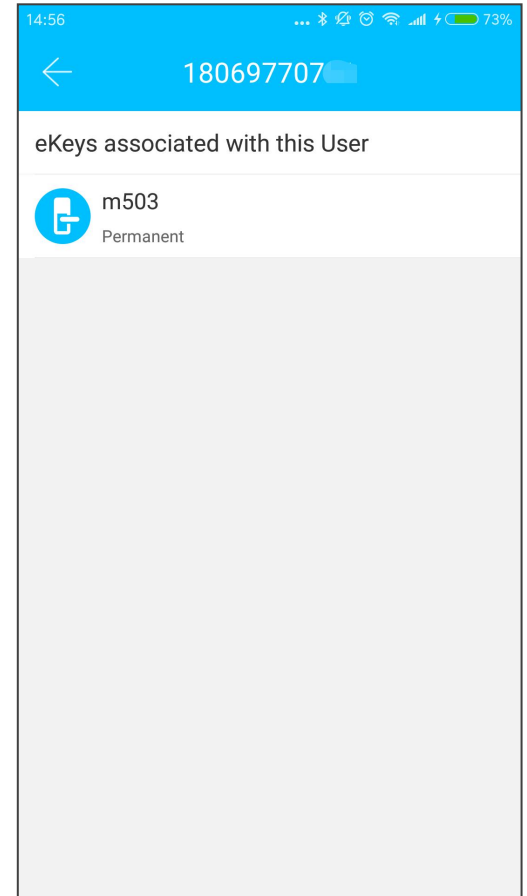
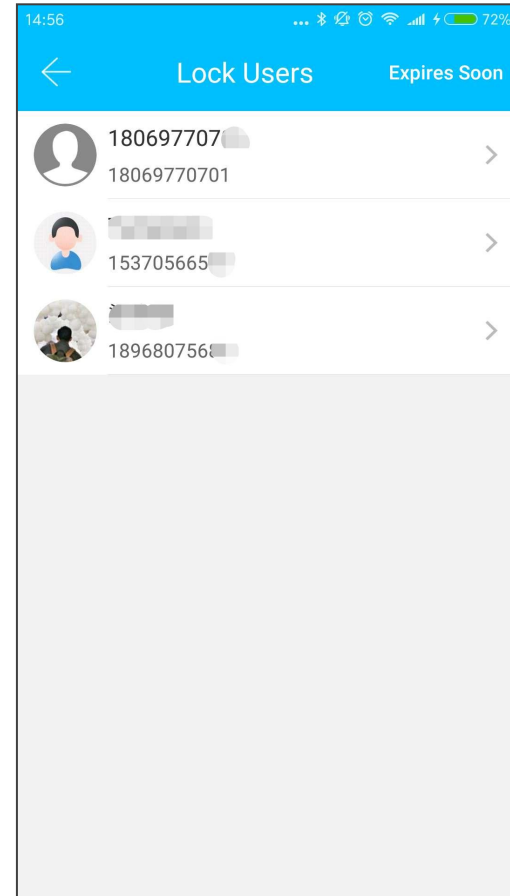


When the lock is added, the adder becomes the administrator of the lock. At the same time, the lock cannot enter the setup mode by touching the keyboard. This lock can only be re-added after the current administrator has deleted the lock. The operation of deleting the lock needs to be done by Bluetooth beside the lock.



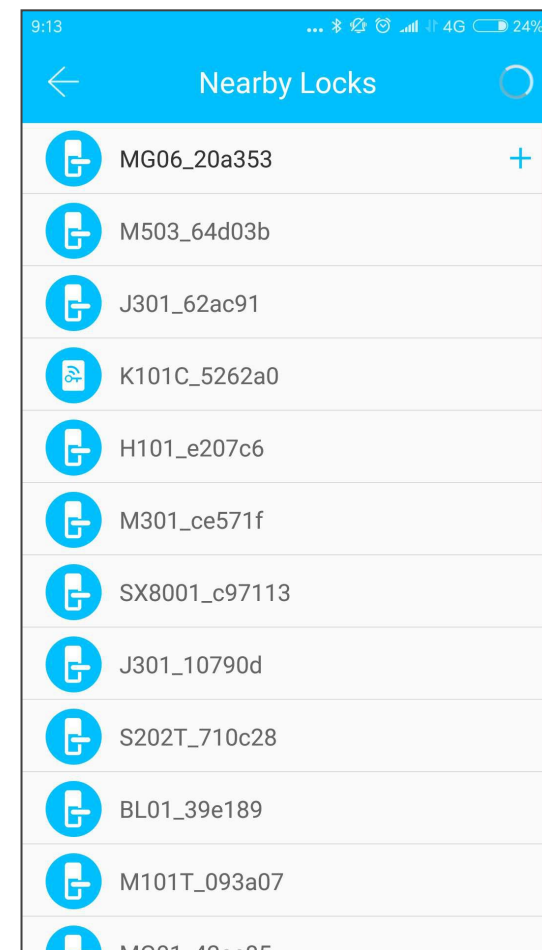
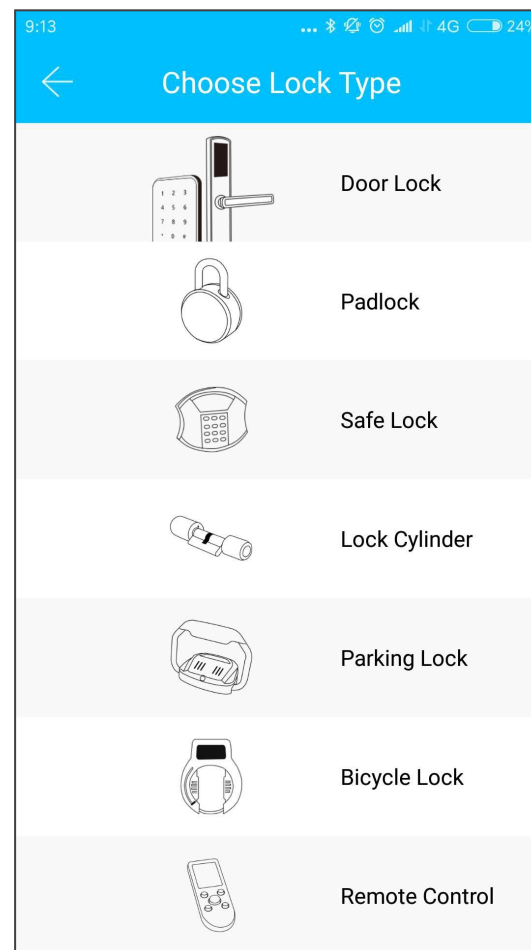
User management

You can see the customer's name and phone number in the lock user list. Click on the customer you need, then it will display the door lock information and room number.



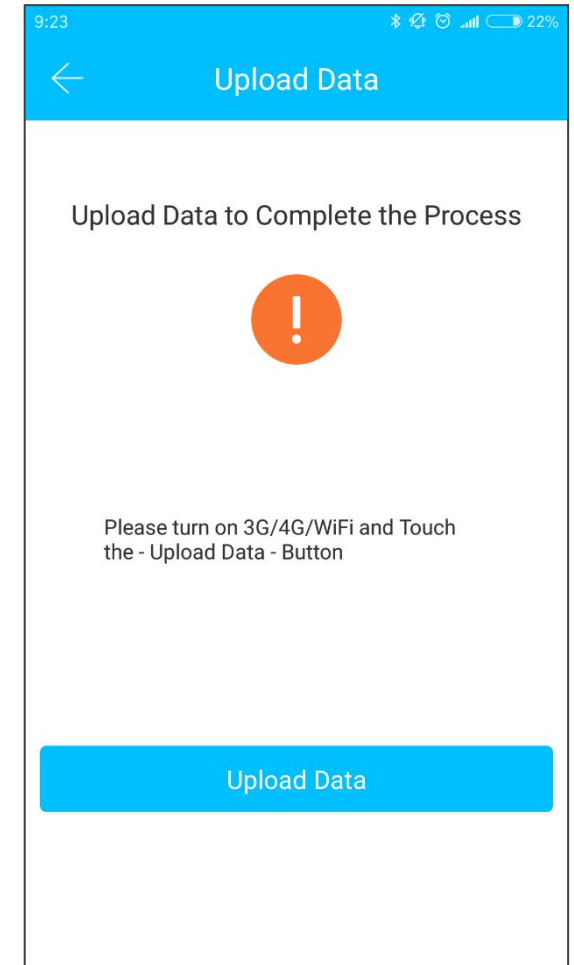
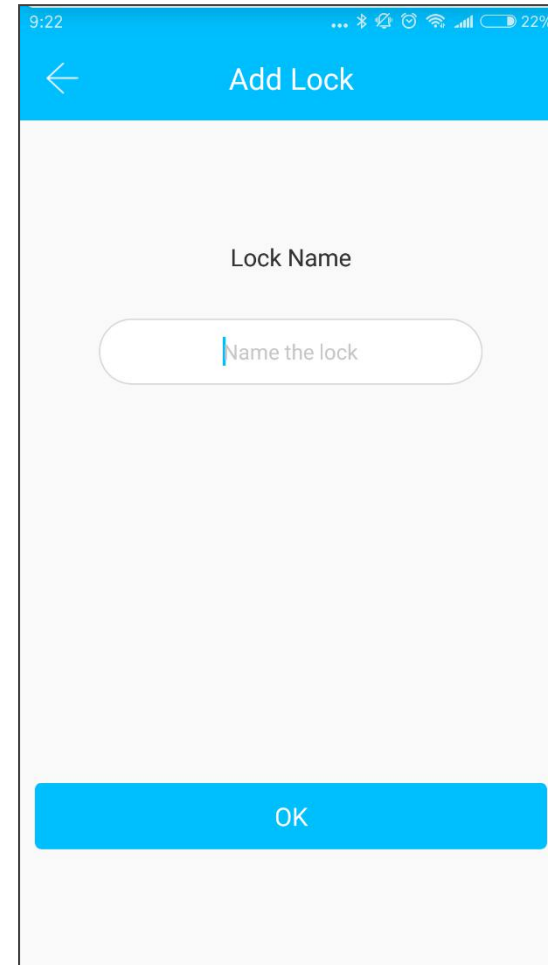
2.1 Supported Locks

The App supports multiple types of lock, including door locks, padlocks, safe locks, smart lock cylinders, parking locks, and bicycle locks. When adding a device, please first select the appropriate lock type. The lock needs to be added to the app after entering the setting mode. A lock that has not been added will enter the setting mode as long as the lock keyboard is touched. The lock that has been added needs to be deleted on the App first.



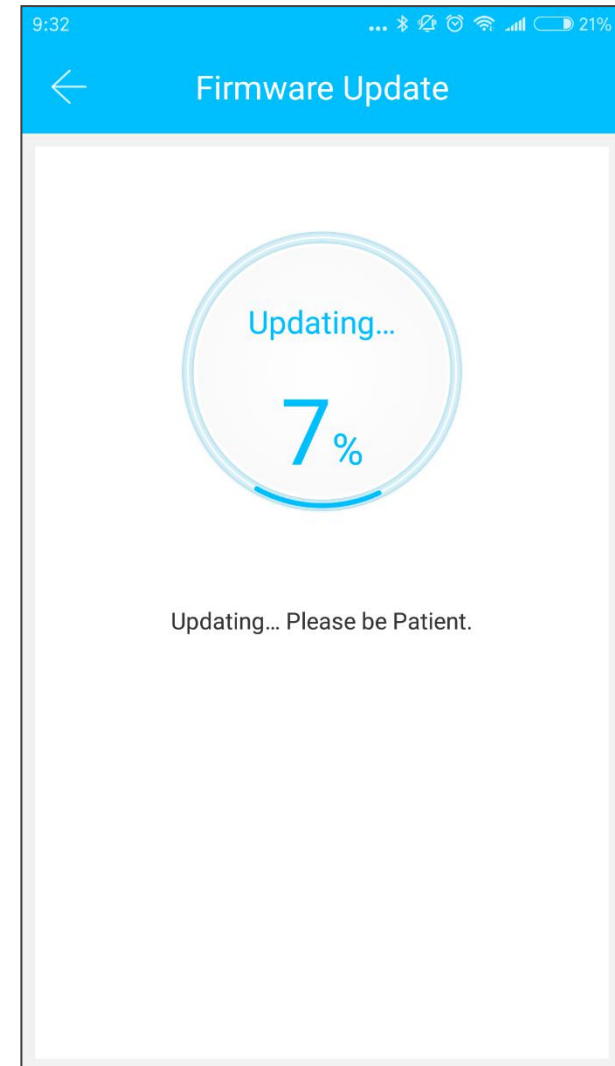
2.2 Lock adding

The initialization data of the lock needs to be uploaded to the network. The data needs to be uploaded when the network is available to complete the entire whole adding process.



2.3 Lock upgrade

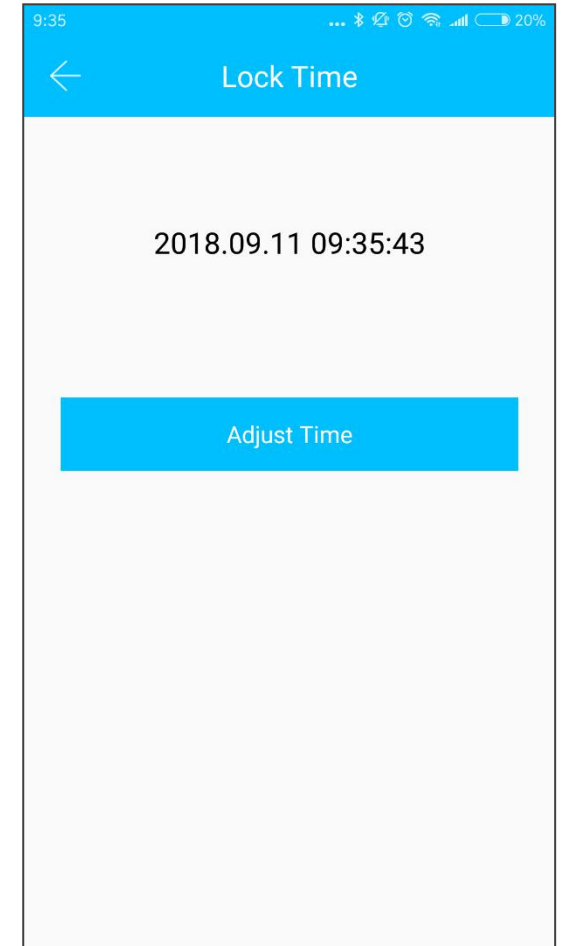
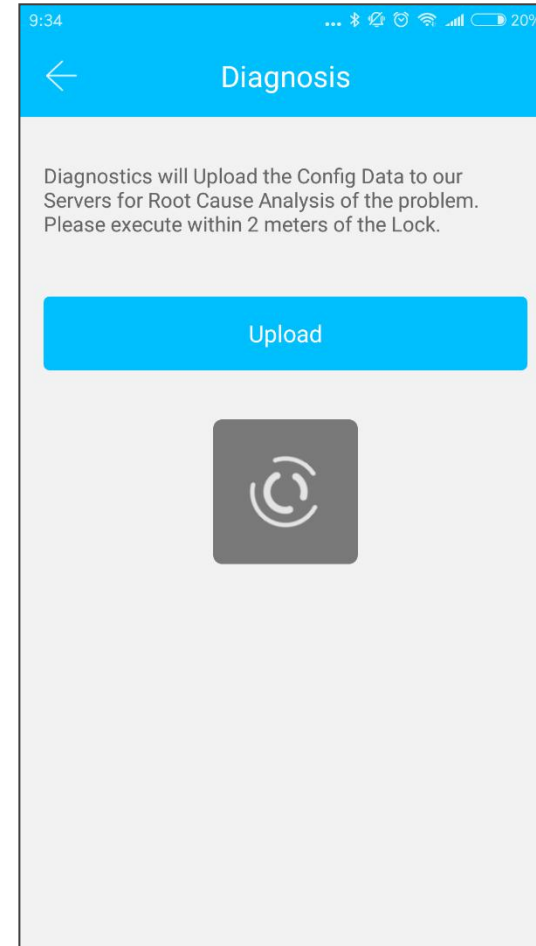
User can upgrade the lock firmware on the TT lock APP. The upgrade needs to be done via Bluetooth near the lock. When the upgrade is successful, the original key, password, IC card, and fingerprint can continue to be used.



2.4 Error diagnosis and time calibration

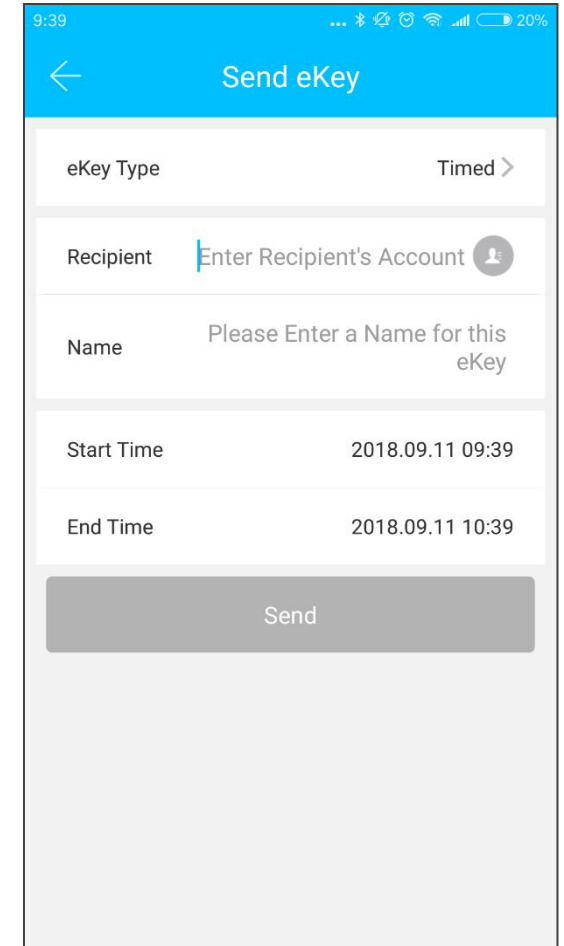
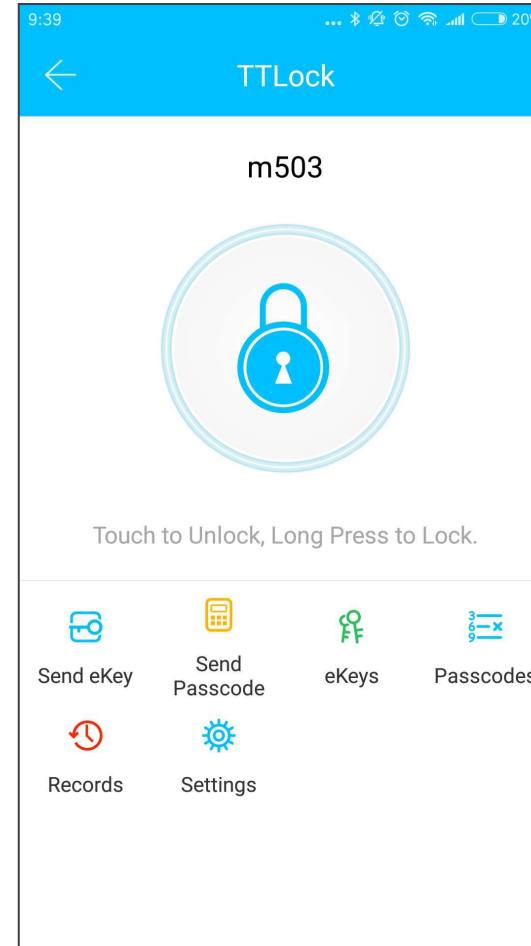
Error diagnosis aims to help analyse the system problems. It needs to be done via Bluetooth beside the lock.

If there is a gateway, the clock will be calibrated firstly through the gateway. If there is no gateway, it needs to be calibrated by the mobile phone Bluetooth.



3. Ekey management

After the administrator successfully adds the lock, he owns the highest administrative rights to the lock. He can send eKeys to others and manage them on the App.

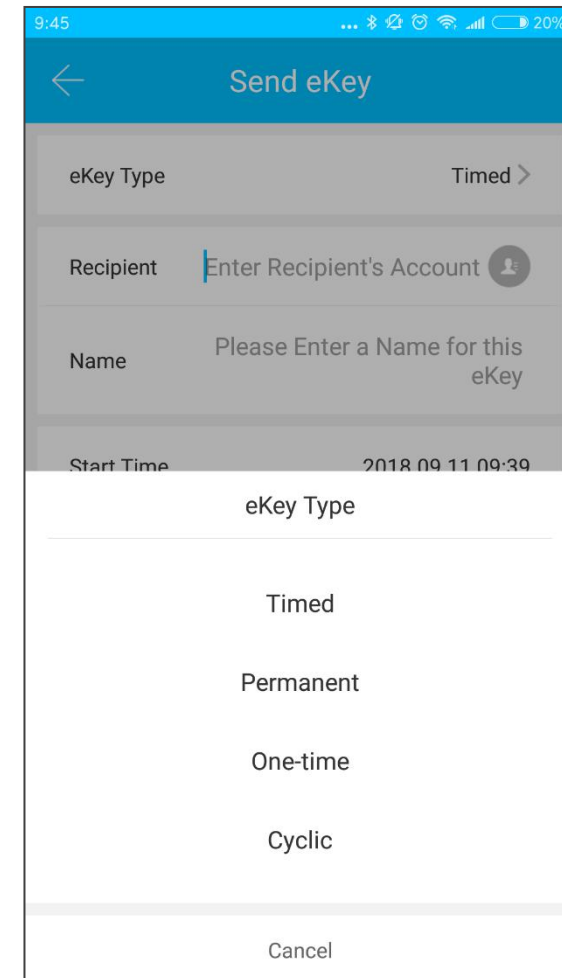


Click on “Send ekey” and it will show the time-limited ekey, one-time ekey and permanent ekey.

Time-limited ekey: The ekey is valid for the specified time.

Permanent ekey: The ekey can be used permanently.

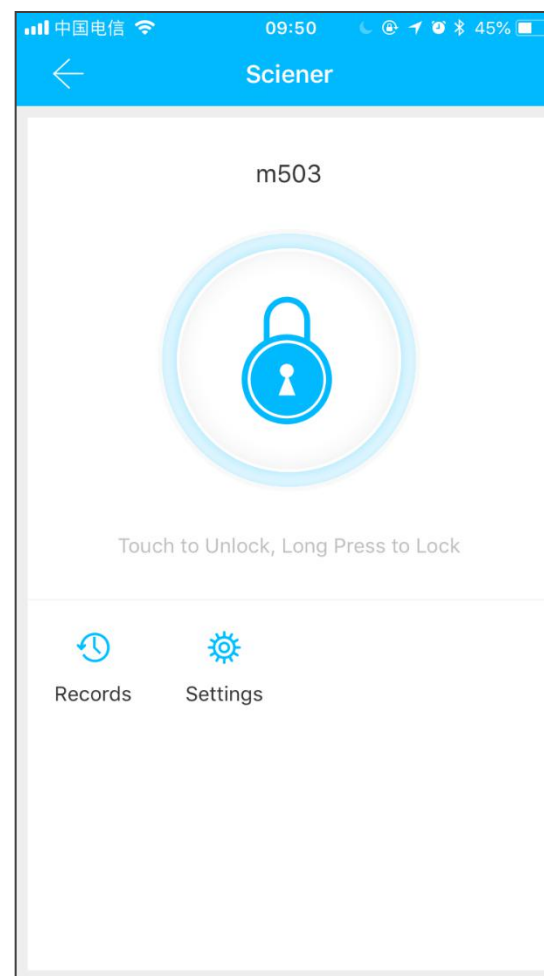
One-time ekey: the ekey will be automatically deleted once it has been used.



3.1 One-time passcode

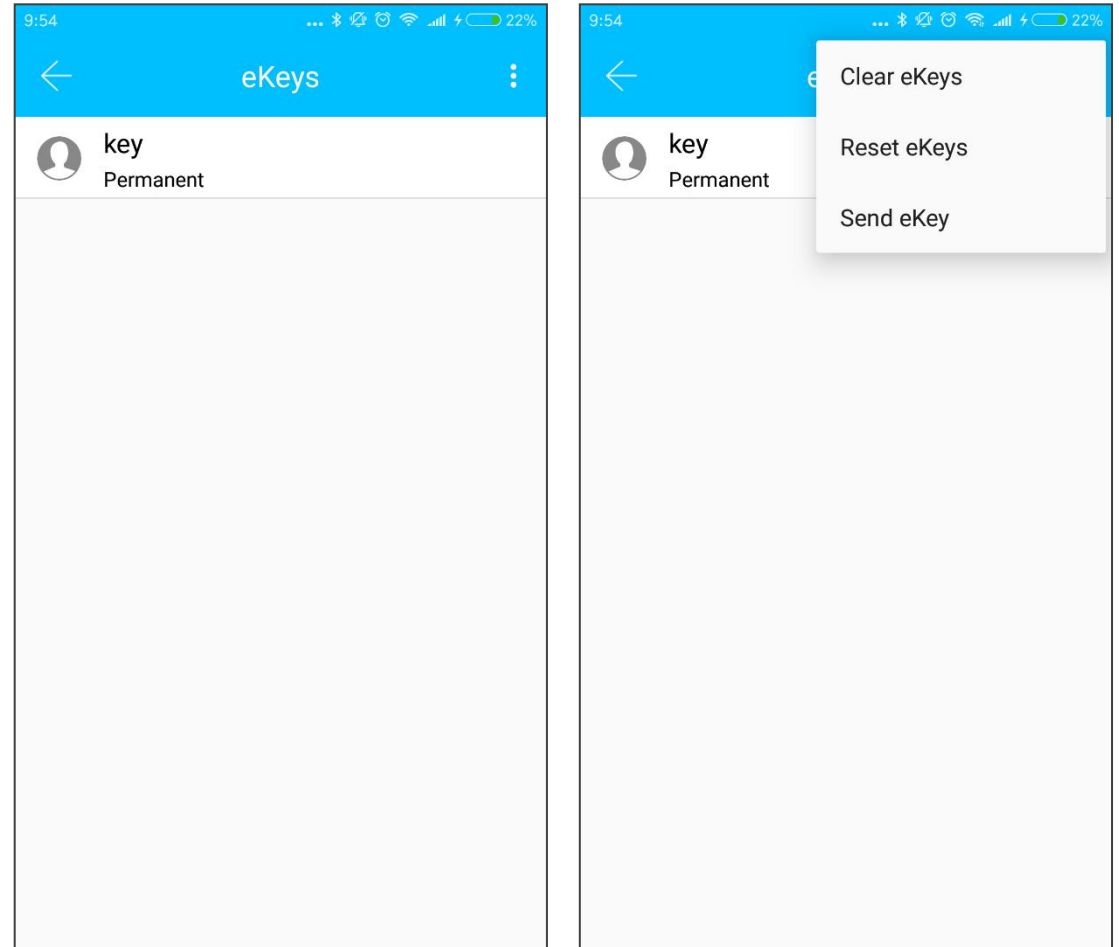
The ekey sent from the Room Master APP has the function of obtaining a one-time passcode.

as shown:



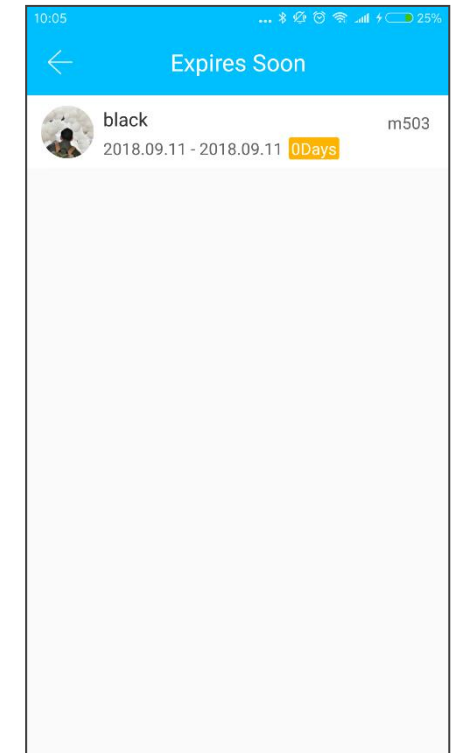
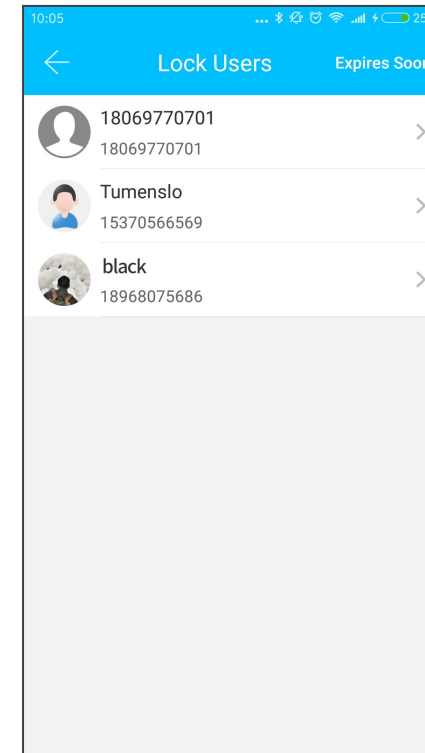
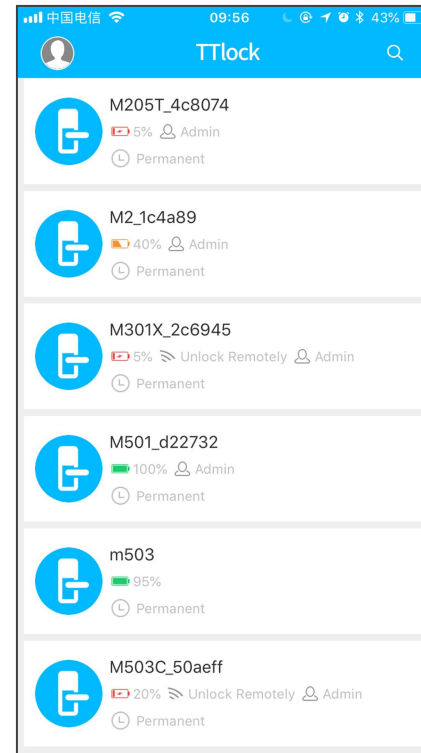
3.2 Ekey management

The manager can delete ekey, reset ekey, send and adjust the ekey, meanwhile he can search the lock record.



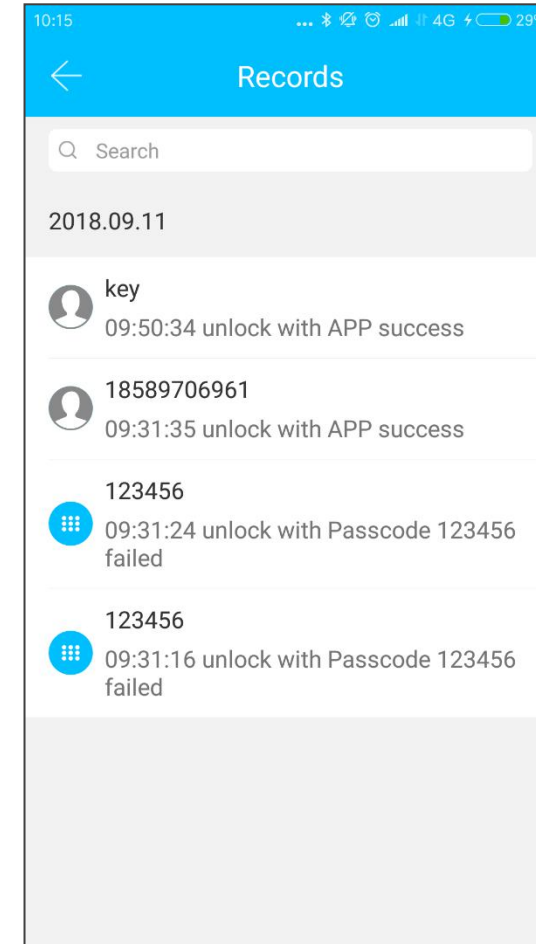
3.3 Deadline warning

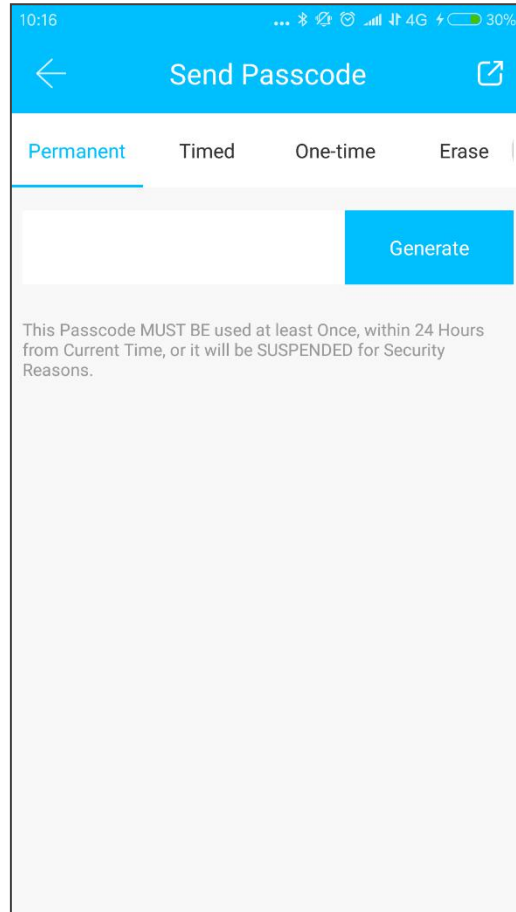
System will show two colors for deadline warning. The yellow means close to expiring and the red means it has expired.



3.4 Search lock record

The administrator can query the unlock records of each key.





4. Type of passcode

Passcodes are classified into permanent, time-limited, one-time, empty, loop, custom, etc. Users can unlock by inputting passcode on the keypad of the lock.

4.1 Permanent passcode

The permanent passcode must be used within 24 hours after it is generated, otherwise it will automatically expire.

4.2 Time-limited passcode

The time-limited passcode expires on designated date and time. Its validity period varies from one hour to three years. If the validity period is within one year, the time can be accurate to the hour; if the validity period is more than one year, the accuracy is month. When the time-limited passcode is valid, it should be used within 24 hours, otherwise it will automatically expire.

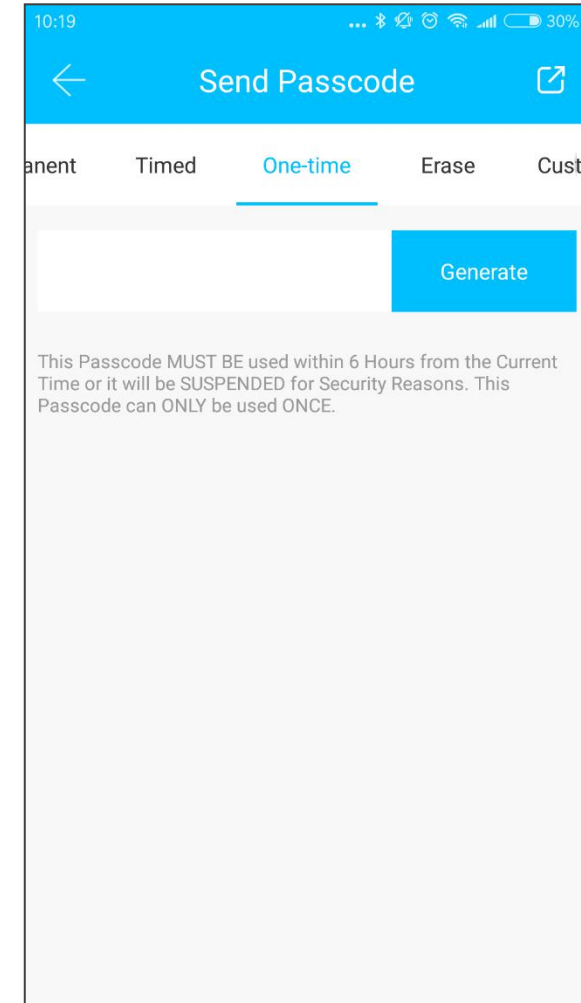
After inputting the passcode, please press # on the right corner to unlock the door.

To change the passcode on the lock: input the original passcode to unlock, then input ***10 # original passcode # new passcode (between 4 numbers and 6 numbers) # new passcode#**.

The screenshot shows a mobile application interface titled "Send Passcode". At the top, there are four tabs: "Permanent", "Timed" (which is selected and highlighted in blue), "One-time", and "Erase". Below the tabs, there are two rows of input fields. The first row is labeled "Start Time" and has the value "2018.09.11 10:00". The second row is labeled "End Time" and also has the value "2018.09.11 10:00". To the right of these fields is a blue button labeled "Generate". Below the "Generate" button, there is a block of text that reads: "This Passcode MUST BE used at least Once, within 24 Hours, after the Start Date and Time or it will be SUSPENDED for Security Reasons." The status bar at the top of the screen shows the time as 10:18, signal strength, 4G network, and 30% battery.

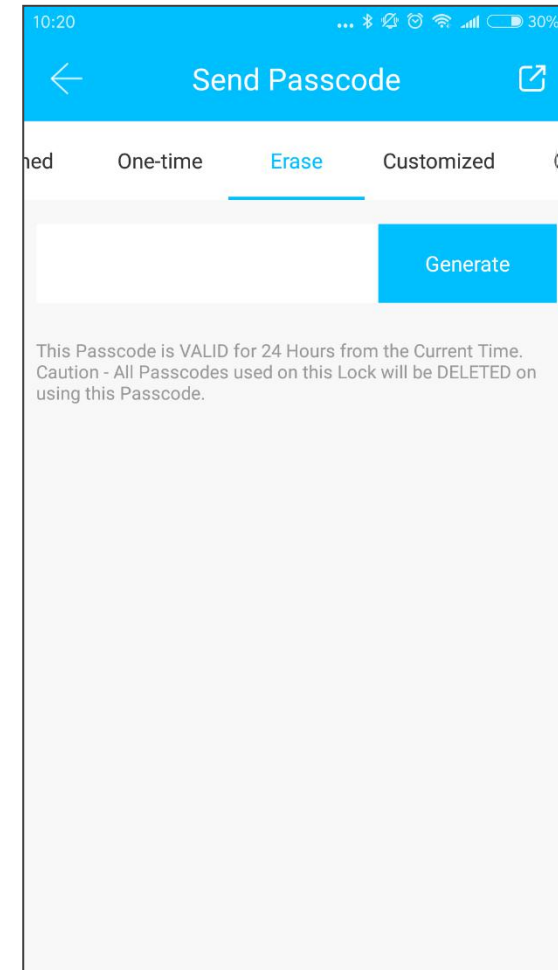
4.3 One-time passcode

One-time passcode can only be used for one time,
and is valid for 6 hours.



4.4 Clear code

Clear code is used to delete all the passcodes the lock has set, and is valid for 24 hours.



4.5 Cyclic passcode

The cyclic passcode can be reused within a specified time period, including daily type, weekday type, weekend type, etc.

The screenshot shows a mobile application interface for setting a cyclic passcode. At the top, the status bar displays the time 10:22 and battery level at 29%. The app's header is blue with a back arrow, the title 'Send Passcode', and a share icon. Below the header, there are four tabs: 'One-time', 'Erase', 'Customized', and 'Cyclic', with 'Cyclic' being the active tab. The main content area is a light gray form with three rows: 'Mode' set to 'Tuesday', 'Start Time' set to '10:00', and 'End Time' set to '11:00'. A blue 'Generate' button is located at the bottom right of the form. Below the form, a warning message states: 'This Passcode MUST BE used at least Once, within 24 Hours, after the Start Date and Time or it will be SUSPENDED for Security Reasons.'

Mode	Tuesday
Start Time	10:00
End Time	11:00

Generate

This Passcode MUST BE used at least Once, within 24 Hours, after the Start Date and Time or it will be SUSPENDED for Security Reasons.

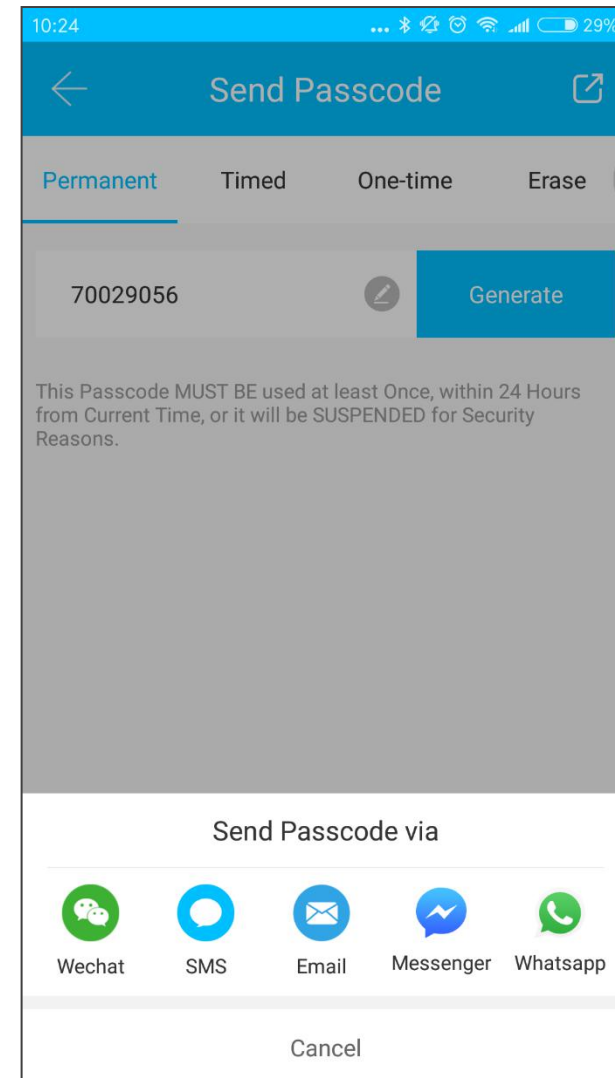
4.6 Customized passcode

User can set any passcodes and validity period he wants.

The screenshot shows a mobile application interface for setting a customized passcode. At the top, the status bar displays the time 10:23, various icons, and a 29% battery level. The app's header is blue with a back arrow, the title 'Send Passcode', and a share icon. Below the header, there are four tabs: 'One-time', 'Erase', 'Customized' (which is selected and underlined), and 'Cyclic'. The 'Customized' tab contains two input fields: 'Start Time' and 'End Time', both set to '2018.09.11 10:00'. Below these fields is a large white rectangular area for the passcode, followed by a blue button labeled 'Set Passcode'. At the bottom, a light gray box contains the following text: 'You can Configure your own Passcode. Your Passcode needs to be between 4 - 9 Digits in Length. You can Configure the Customized Passcode via Bluetooth or Remotely via a Gateway.'

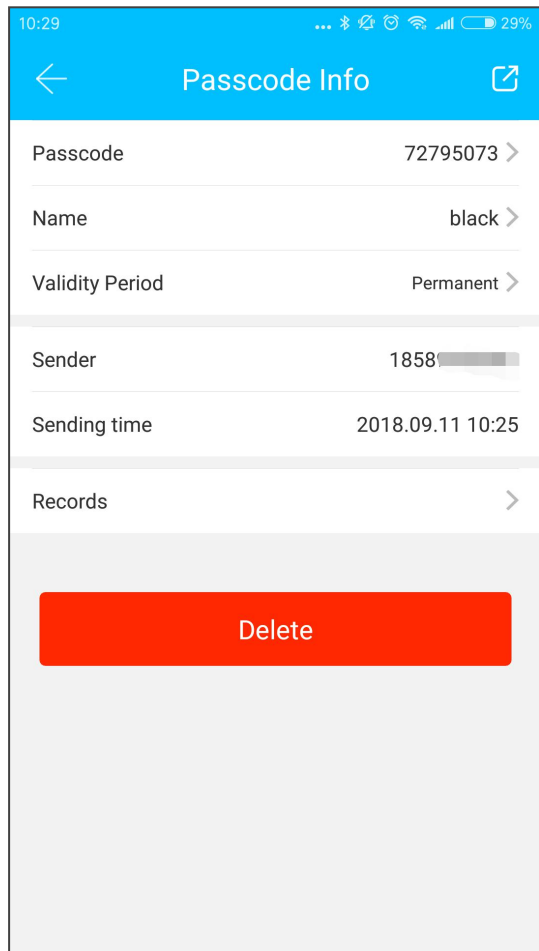
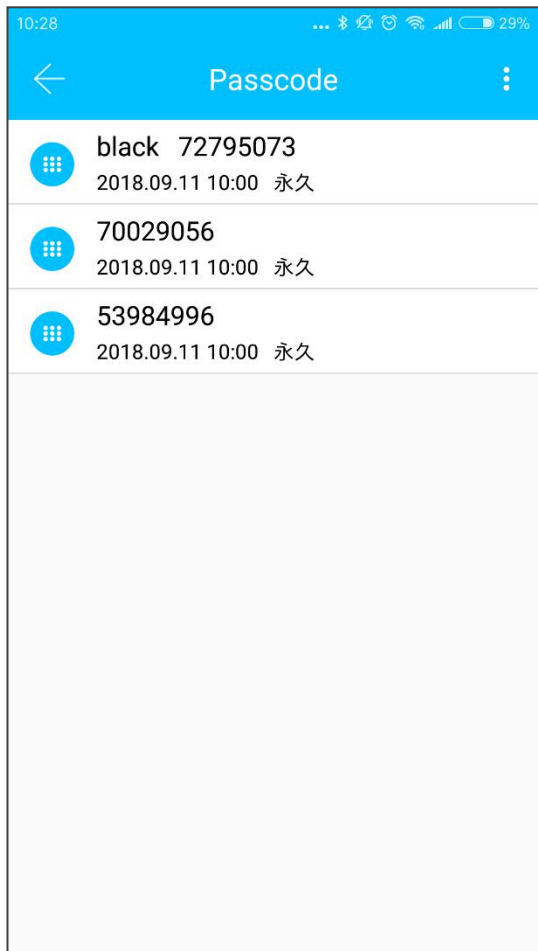
4.7 Passcode sharing

Use can share the passcodes via Facebook, Messenger
Whatsapp and other social media Apps



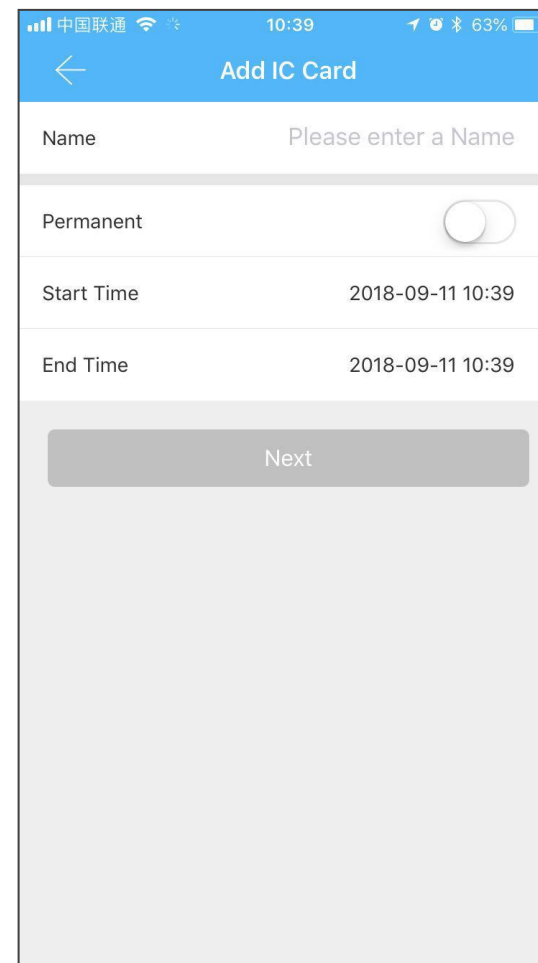
4.8 Passcode view and management

All generated passcodes can be viewed and managed in the passcode management module. This includes the authority to change the passcode, delete the passcode, reset the passcode, freeze and unfreeze the passcode.



5. Card management

You need to add the IC card first. The whole process needs to be done via the app near the lock. The validity period of the IC card can be set, either permanent or time-limited.

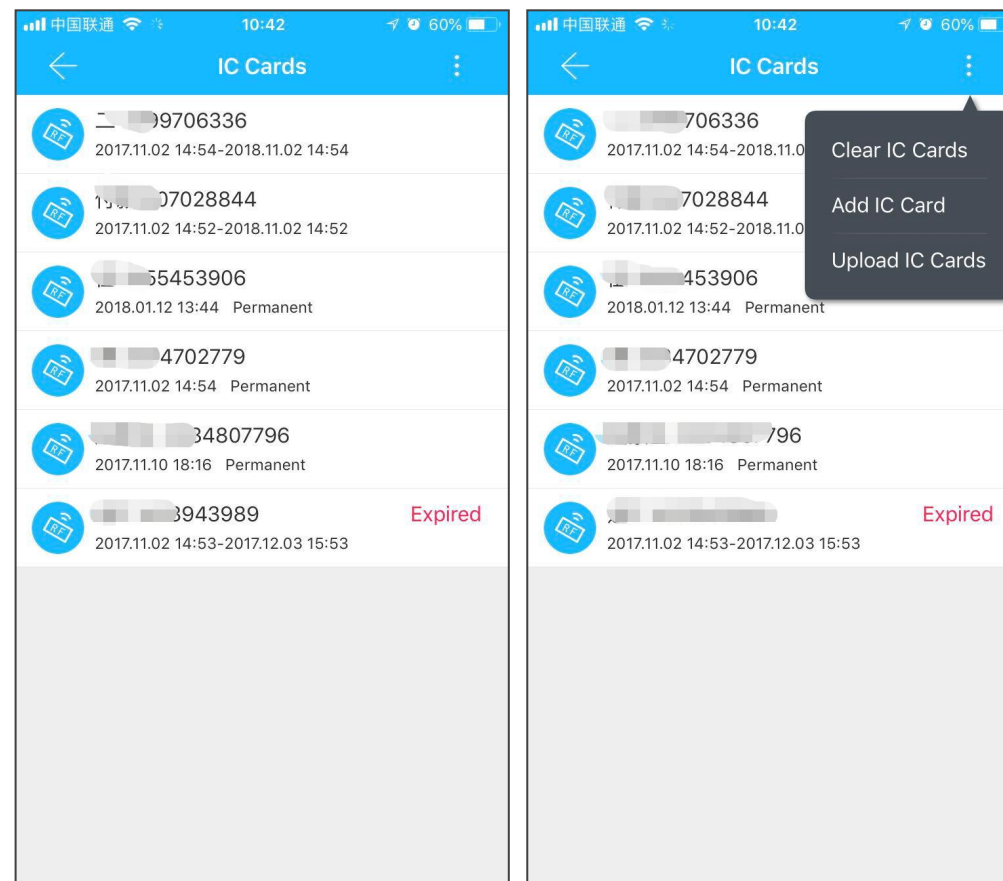


The screenshot shows a mobile app interface for adding an IC card. At the top, the status bar displays '中国联通', signal strength, Wi-Fi, time '10:39', location, Bluetooth, and battery '63%'. The app's title bar is blue with a back arrow and the text 'Add IC Card'. Below the title bar, there is a form with the following fields: 'Name' with a placeholder 'Please enter a Name', 'Permanent' with a toggle switch currently turned off, 'Start Time' with the value '2018-09-11 10:39', and 'End Time' with the value '2018-09-11 10:39'. At the bottom of the form is a grey button labeled 'Next'.

5.1 Card view and management

All IC cards can be queried and managed through the IC card management module.

The remote card issuance function is displayed in the case of a gateway. If there is no gateway, the feature is hidden.



6. Fingerprint management

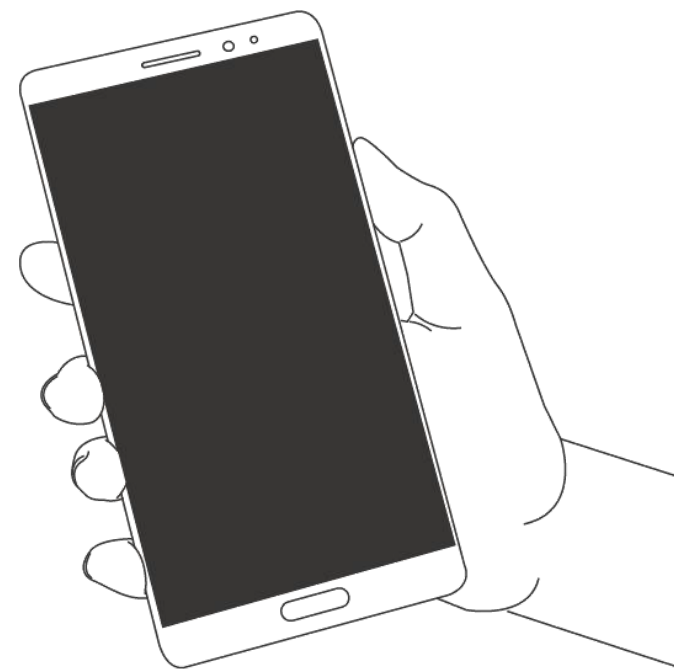
Fingerprint management is similar to IC card management. After adding a fingerprint, you can use the fingerprint to unlock the door.

7. Unlock via Bluetooth

User can lock the door via Bluetooth and can also send the Bluetooth ekey to other users.



Two ways of unlocking the door: A. press the unlock button on the APP; B. touch and activate the lock panel.



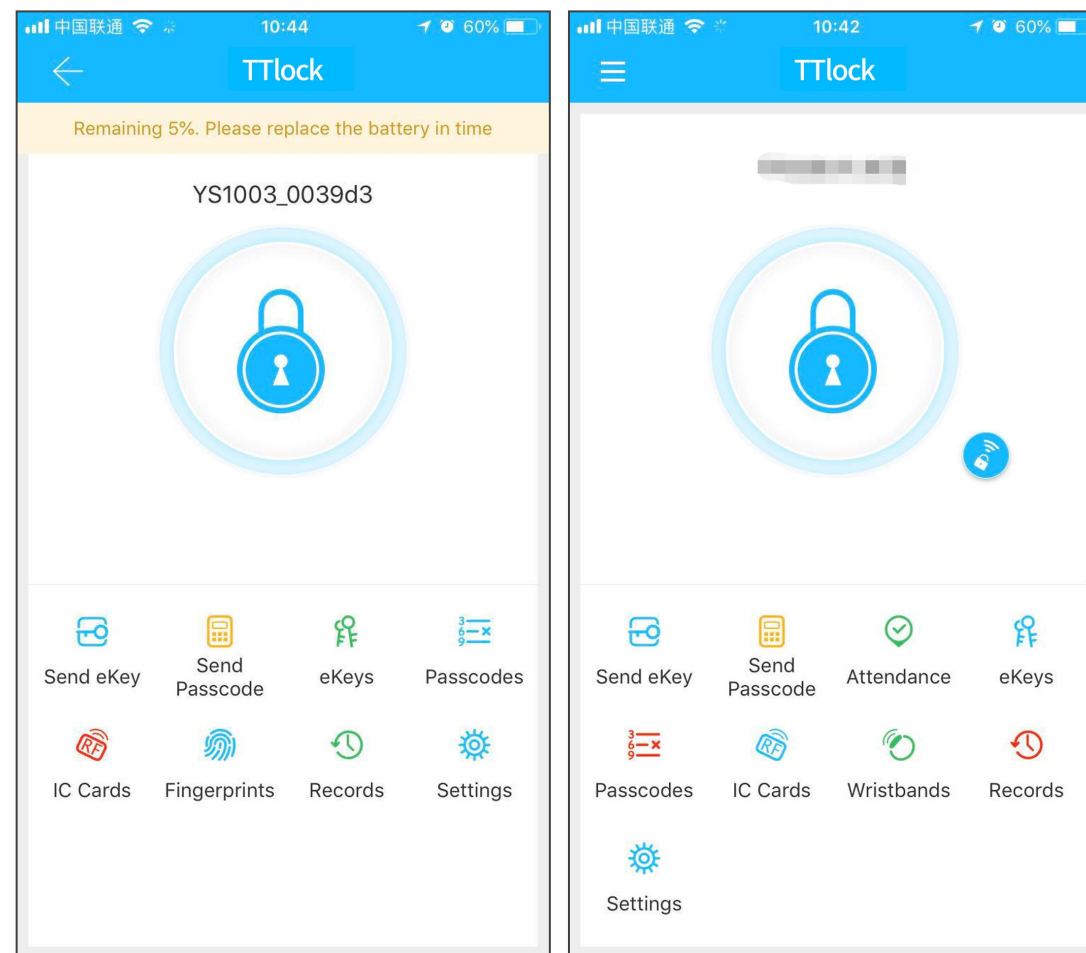
Use APP to unlock

Click the unlock button to unlock the door. Since the Bluetooth signal has a certain coverage, please use the APP within the range of Bluetooth signal.

Touch to unlock

You can Open the app and touch the keyboard to unlock the door.

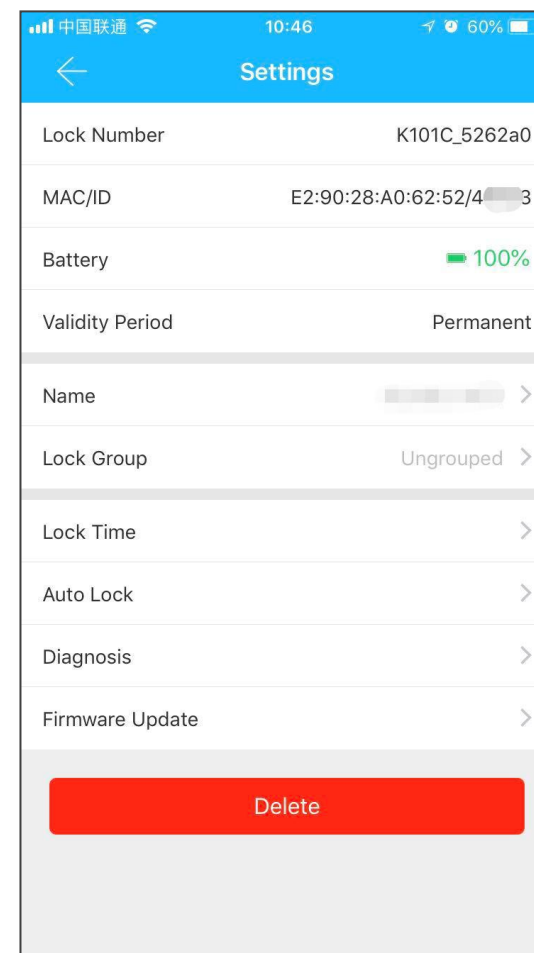
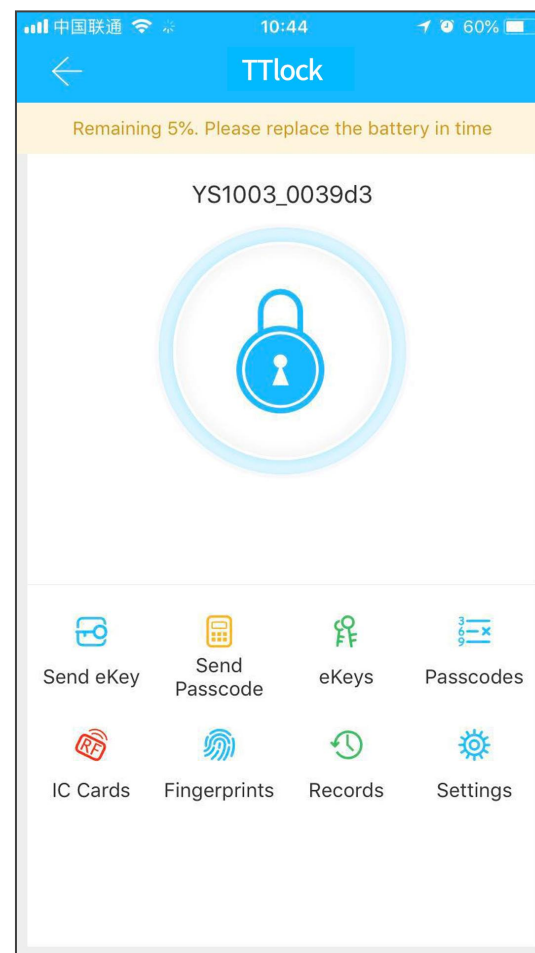
Click the small icon to the right of the unlock button to unlock remotely if the lock is paired with a gateway.



8. Attendance management

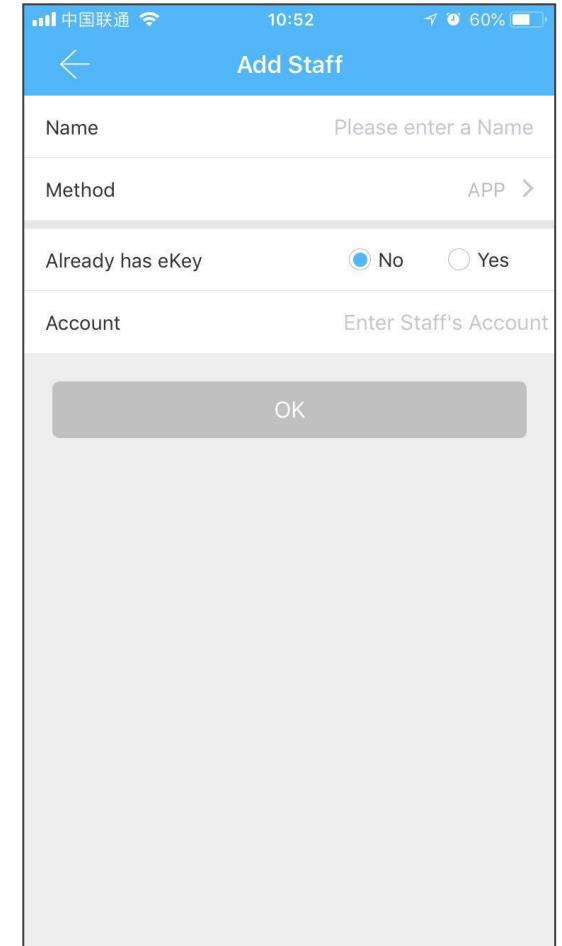
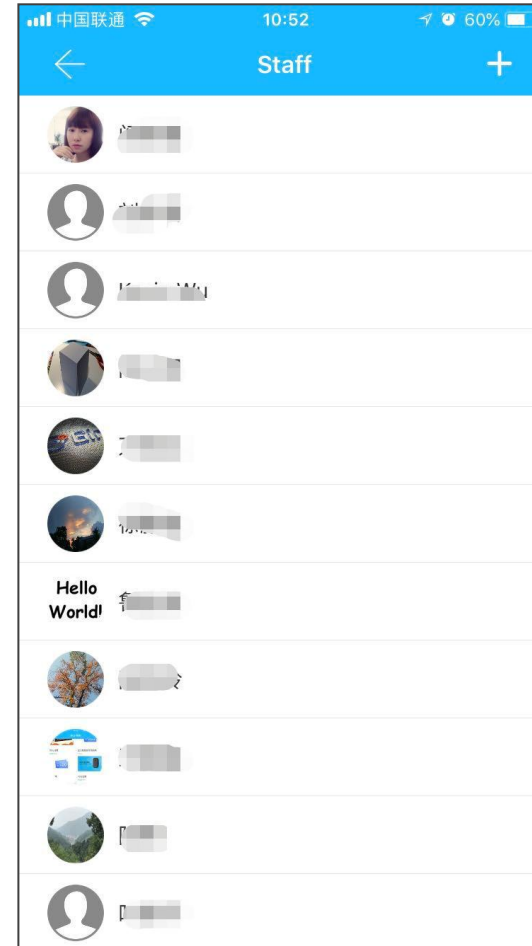
All door locks support attendance check feature, which can be used for company attendance management. The app contains functions of employee management, attendance statistics and so on.

This feature can be turned on/off on the lock setting page.



8.1 Staff management

Administrator can view and manage the staff information in the staff management module.



8.2 Methods of Attendance Check

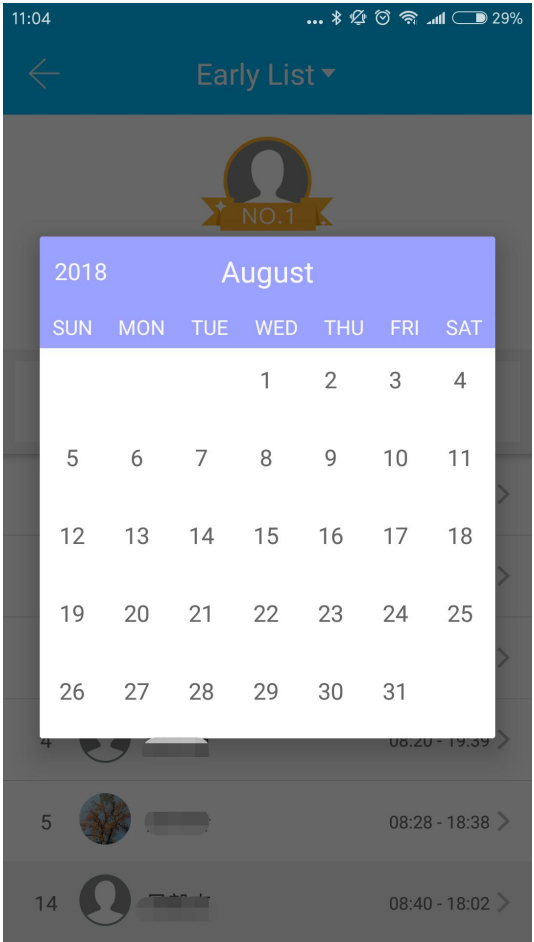
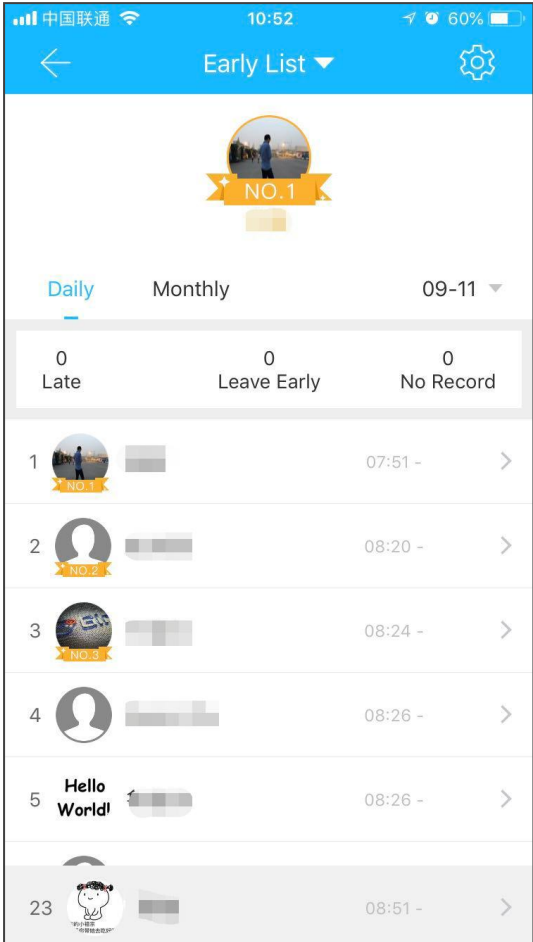
It supports staff attendance check in three ways, including App, passcode, and IC card.

The screenshot shows a mobile application interface for adding a new staff member. The status bar at the top indicates the carrier is '中国联通' (China Unicom), the time is 10:52, and the battery level is 59%. The app's title bar is blue with a back arrow and the text 'Add Staff'. The form contains the following fields and options:

- Name:** A text input field with the placeholder text 'Please enter a Name'.
- Method:** A dropdown menu currently showing 'APP' with a right-pointing chevron.
- Already has eKey:** A radio button selection with 'No' selected (indicated by a blue dot) and 'Yes' as an option.
- Account:** A text input field with the placeholder text 'Enter Staff's Account'.
- Buttons:** A large grey 'OK' button is positioned below the 'Account' field. At the bottom of the screen, there are three buttons: 'Cancel', 'Method', and 'OK'.
- Method Selection:** Below the bottom buttons, there is a section for selecting the attendance method. It features the word 'APP' in bold, followed by 'Passcode' and 'IC Card' in a smaller font.

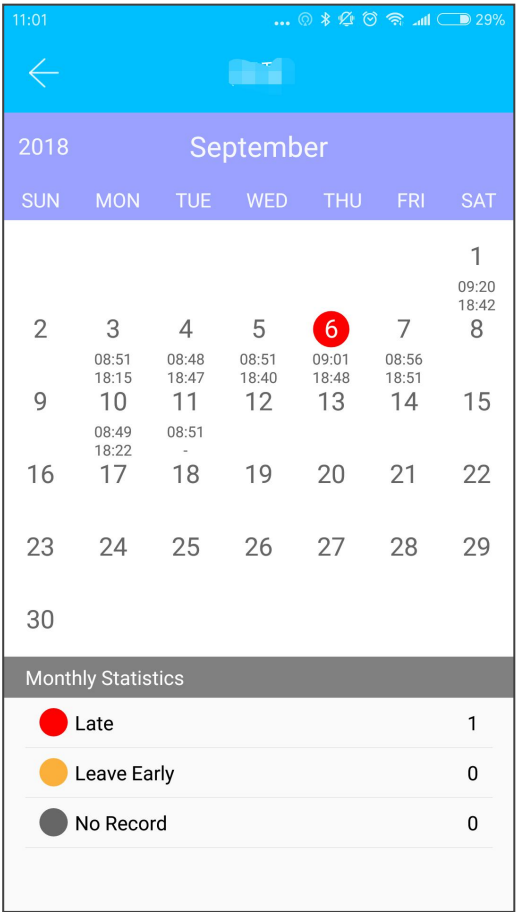
8.3 Attendance statistic

In this module, you can check the attendance of all employees on a certain day, according to the time of arrival at the company. Late arrivals, early leave, and unchecked cards are identified in three different colors.



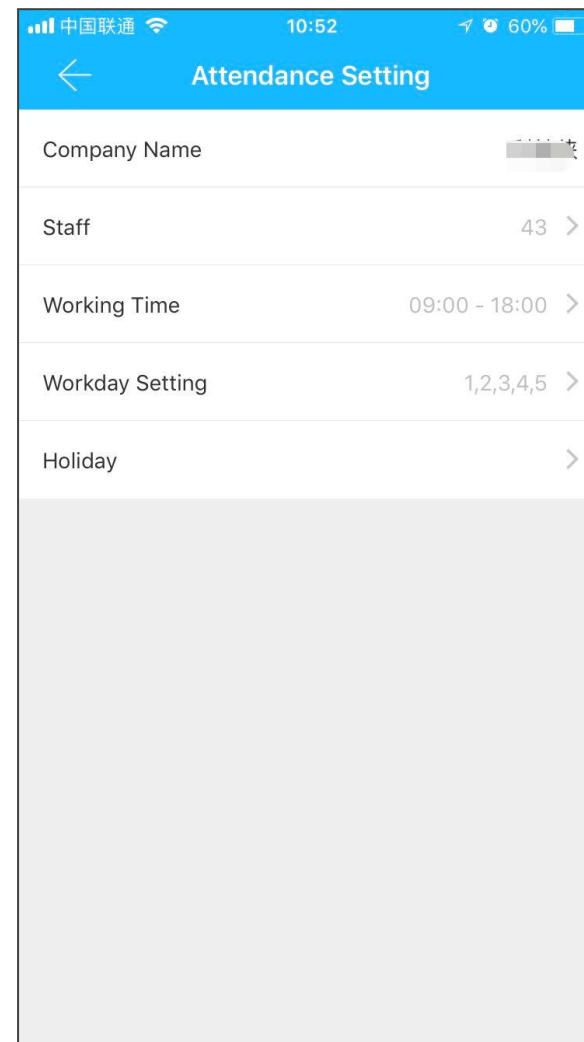
8.4 Attendance check

Swipe from left to right to view the staff attendance on different months.



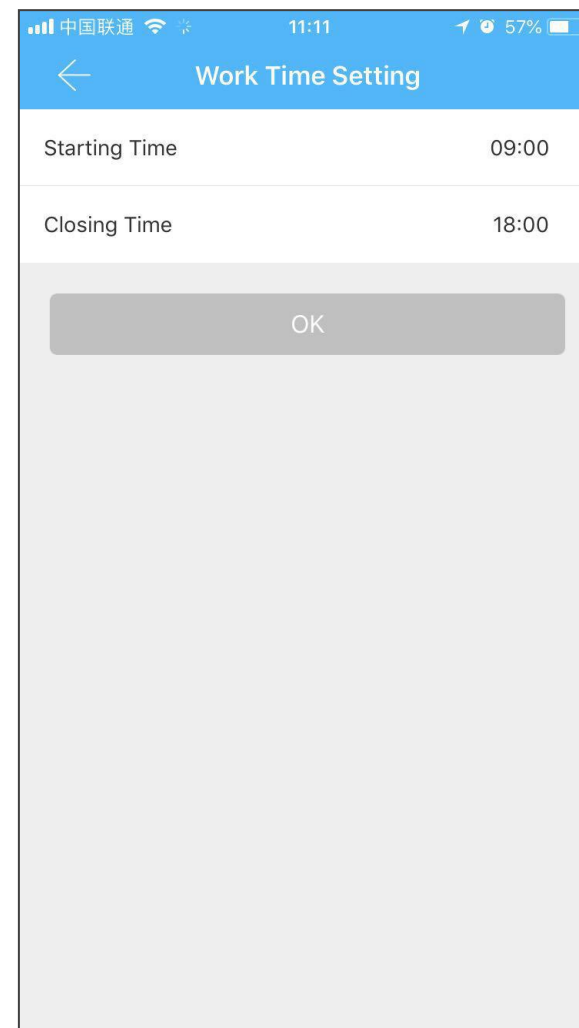
8.5 Attendance settings

In this module, you can set the company name, departments, working hours, working days, and holidays.



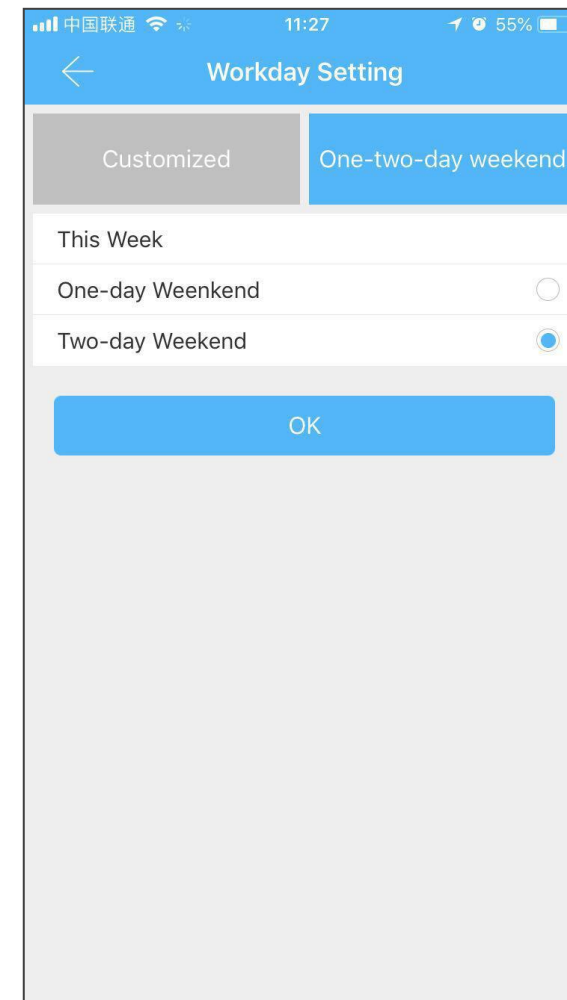
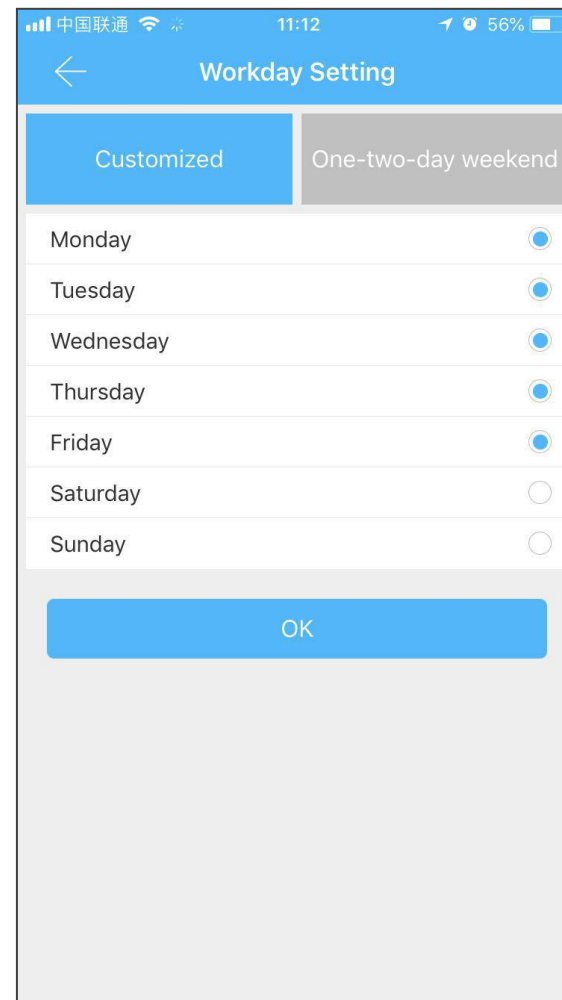
8.6 Time settings

The work time settings can judge if you are late or early to leave.



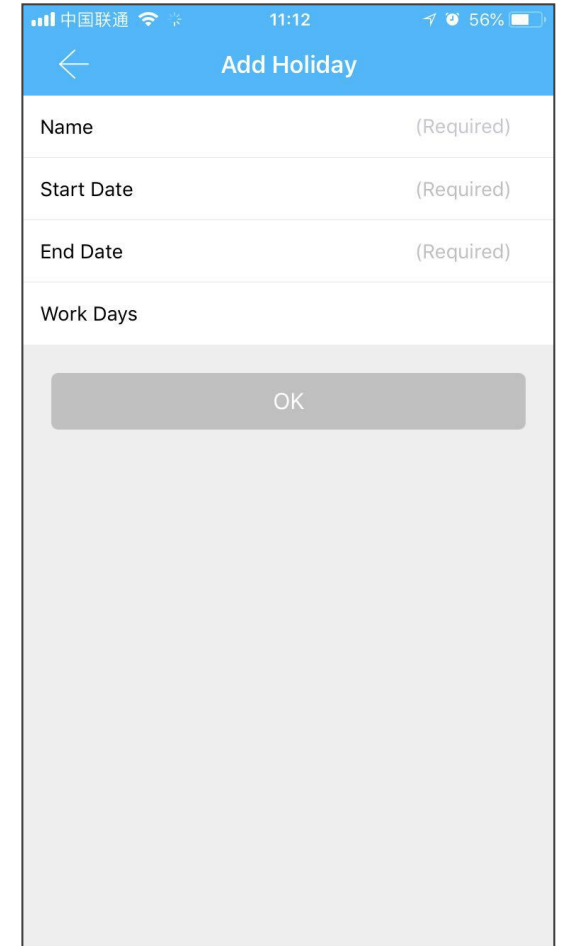
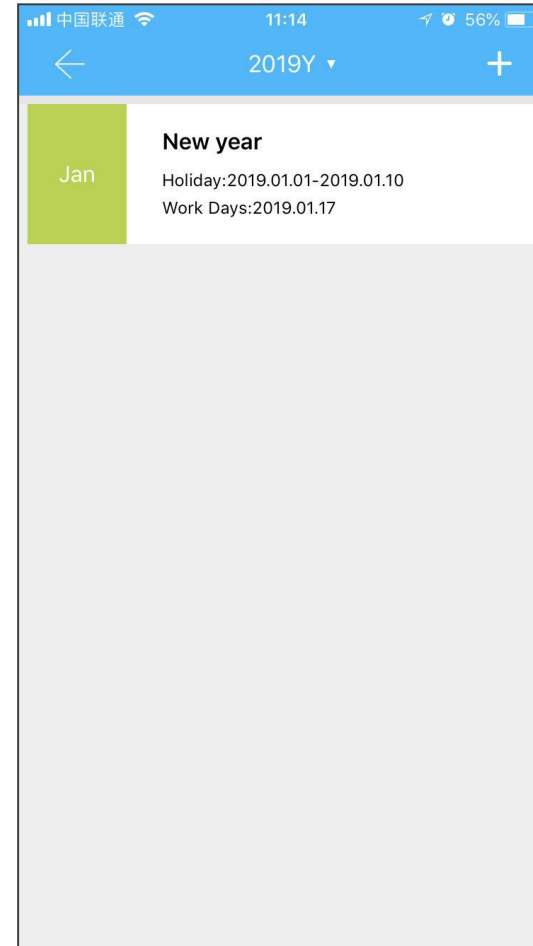
8.7 Workday settings

You can set certain workdays you want in this module.



8.8 Holiday settings

You can set holidays and workdays according to your need.

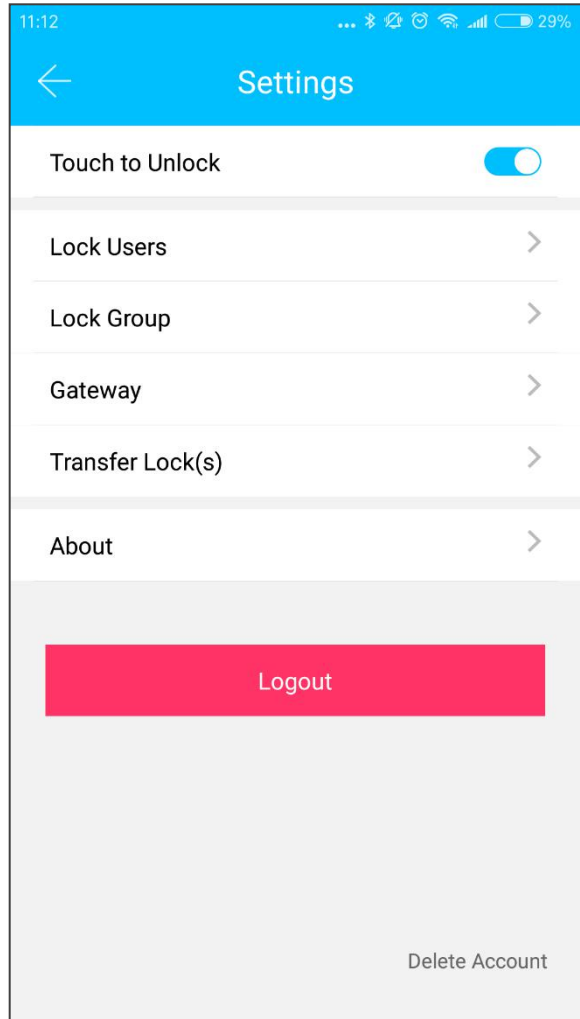


9. System settings

In the system settings, it includes touch unlock switch, group management, gateway management, security settings, reminder, transfer smart lock and so on.

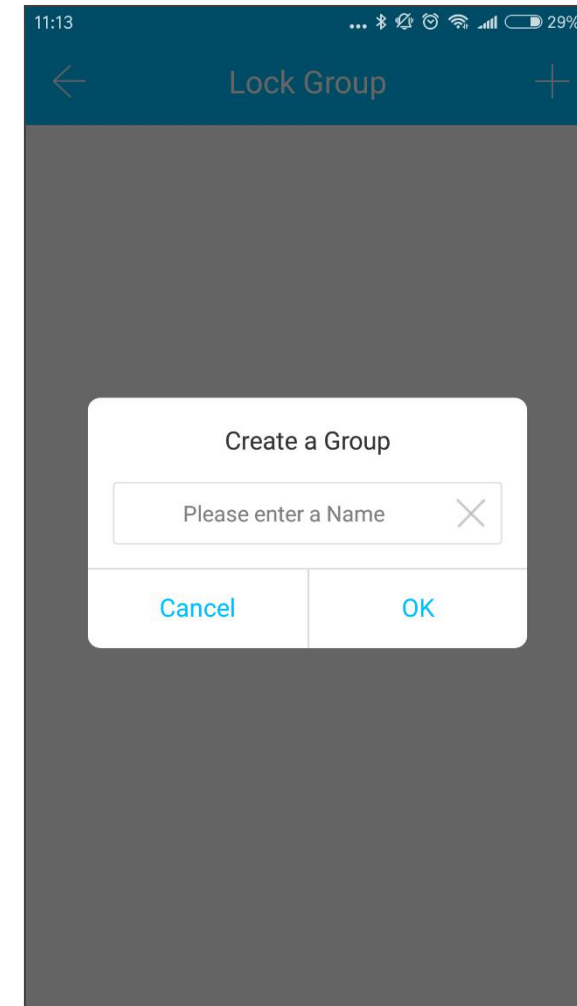


Touch unlock setting determines whether you can open the door by touching the lock.



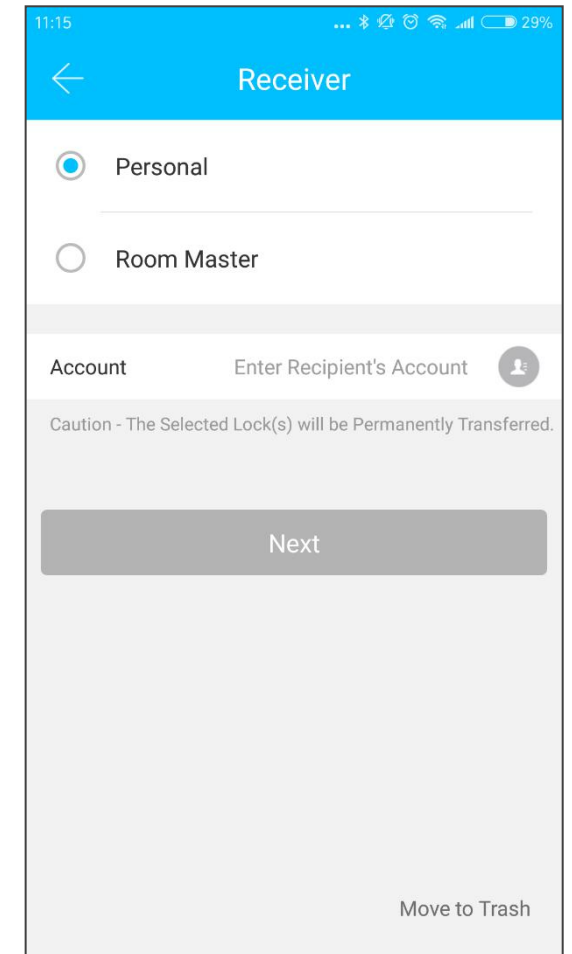
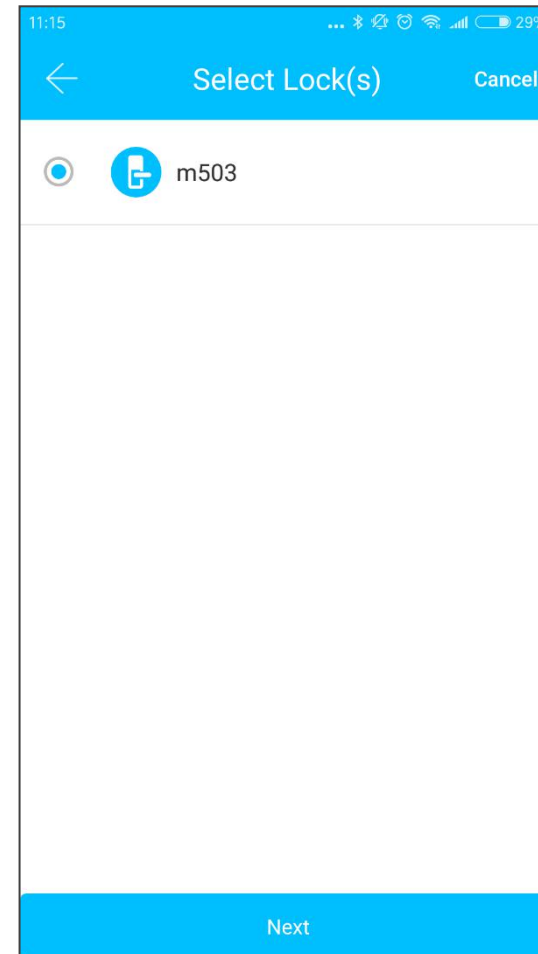
9.1 Key groups management

In case there is a large number of keys, users can create different groups to help them to manage the keys.




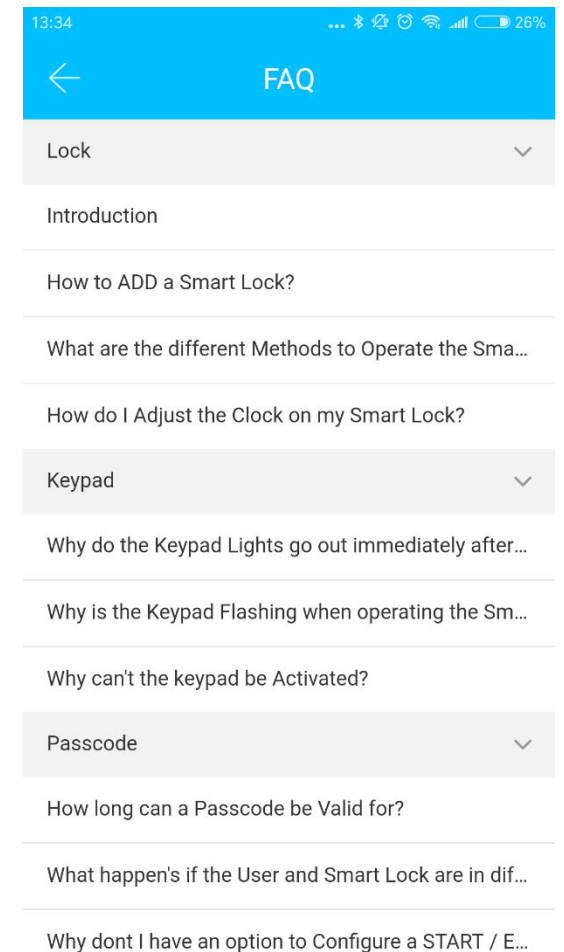
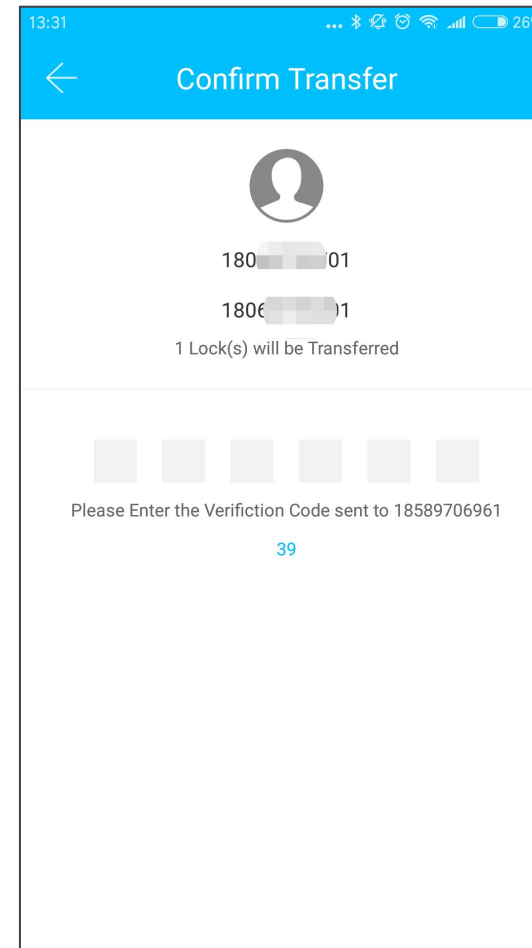
9.2 Transfer lock

The administrator can transfer a lock to other users apartment(Room Master user). Only the original administrator can transfer the lock to another user.



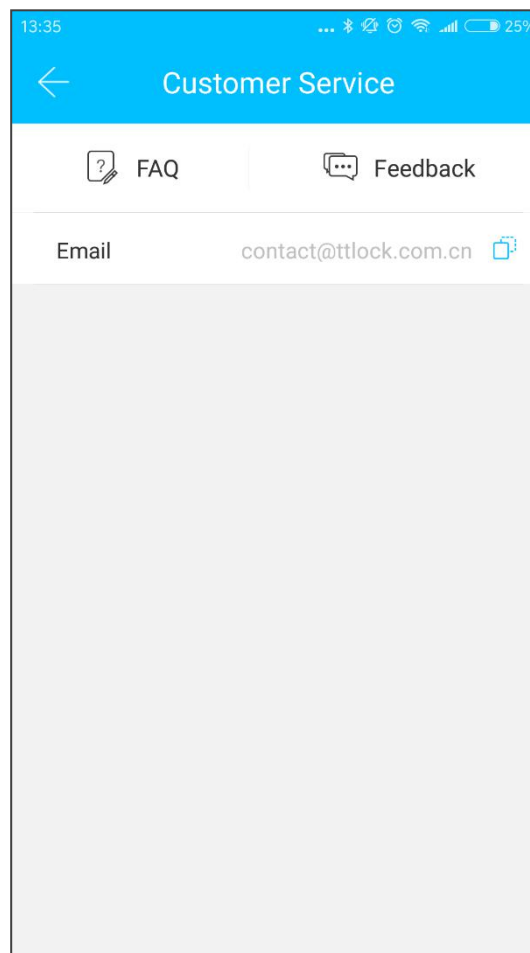
After inputting the account, you will receive a verification code. Filling in the correct number, you will transfer successfully.

 The account of the apartment transfer receiver must be the administrator account.



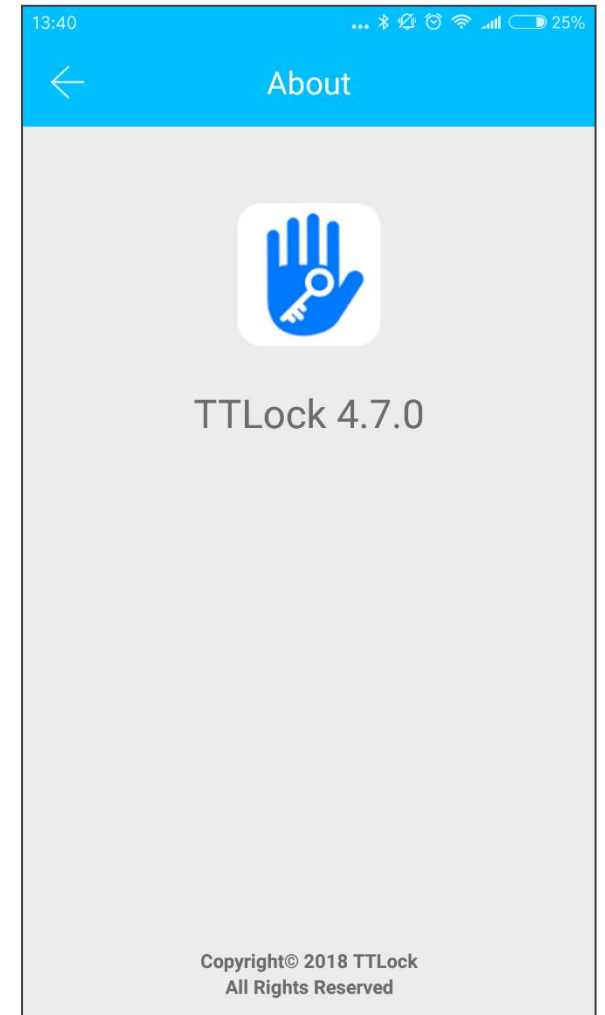
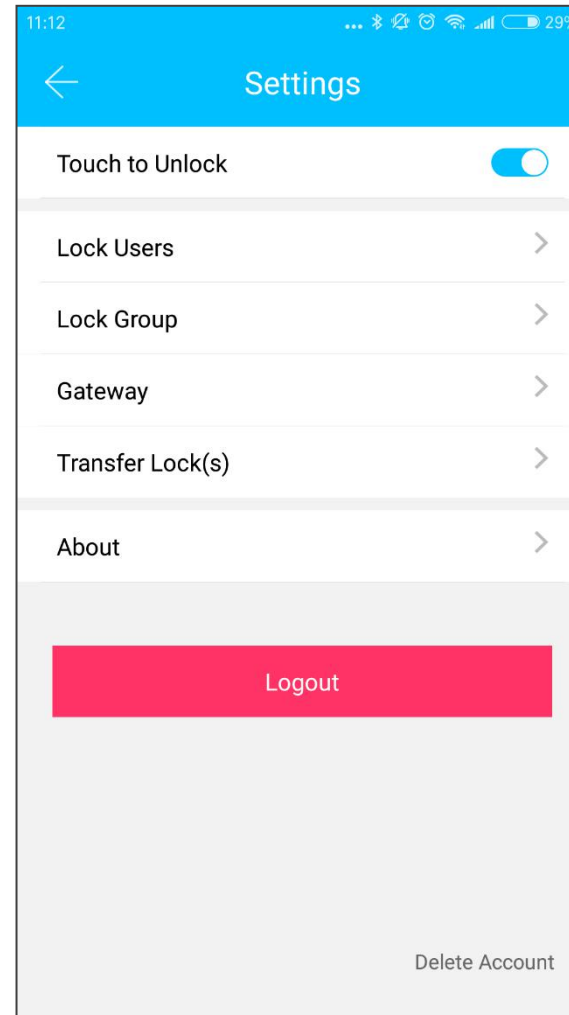
9.3 AI customer service

The user can consult AI customer for service support 7X24.



9.4 About the APP

Version information of the APP is available on this page.



10. Gateway management

The smart lock is connected via Bluetooth, and it is not connected to the network itself, which is why it is not attacked by the network. The gateway is an accessory for the Smart Lock, which is a bridge between the smart lock and the home wifi network.

Through the gateway, the user can remotely view and calibrate the clock of the lock, read the unlock record of the password, IC, fingerprint, etc. in a timely manner, or delete and modify the password remotely.

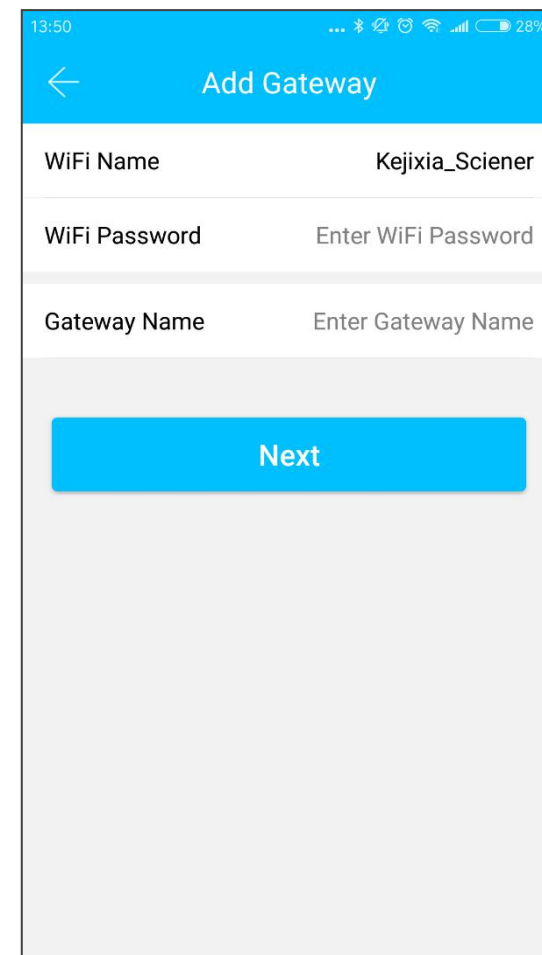
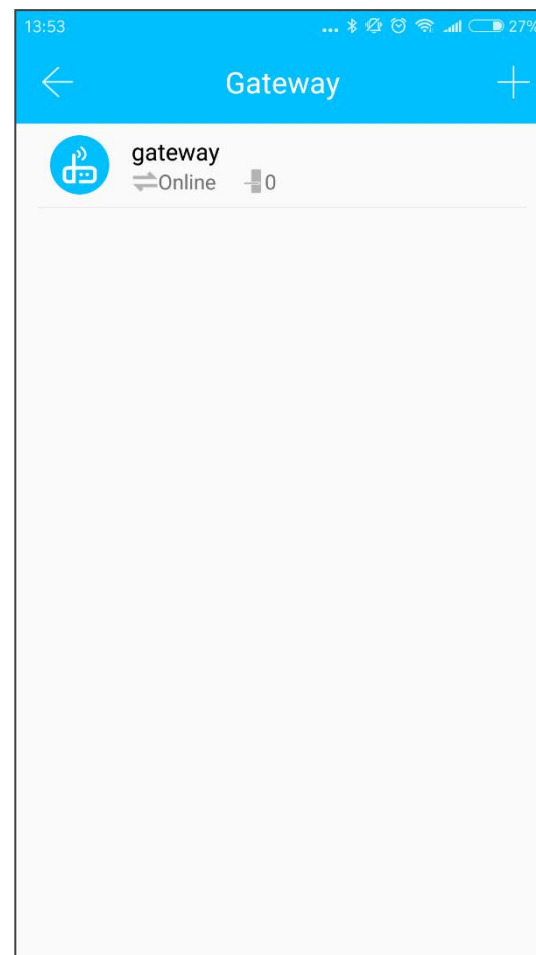


10.1 Add the gateway

Before the gateway is used, you must first add it via the app.

Steps:

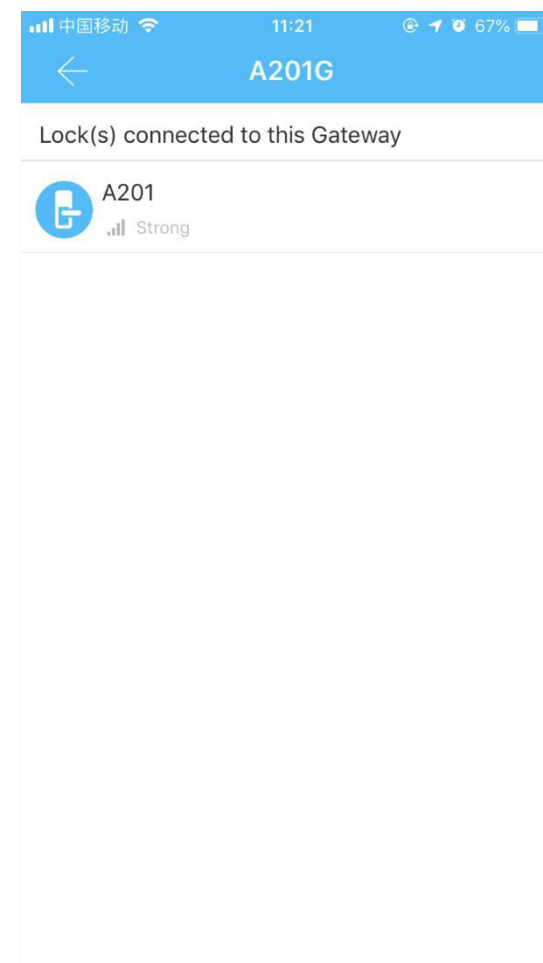
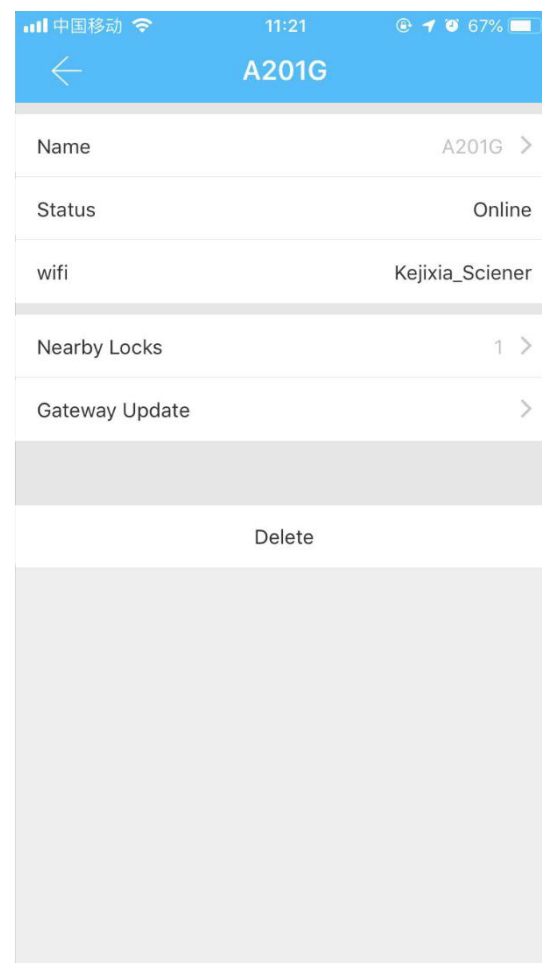
- A、 Connect your phone to an available wifi network
- B、 Click the plus sign in the upper right corner and enter the wifi password and gateway name on the Add page. Click Next and enter the password of the App account for authentication.
- C、 Press and hold the setting button on the gateway for 5 seconds. The red and blue lights flash alternately to indicate that the gateway has entered the add-on mode.



10.2 Manual

Once the gateway is added, it will search for locks around it. After a short period of time, you can see which locks are in their coverage in the app. Once the lock is bound to the gateway, the lock can be managed through the gateway.

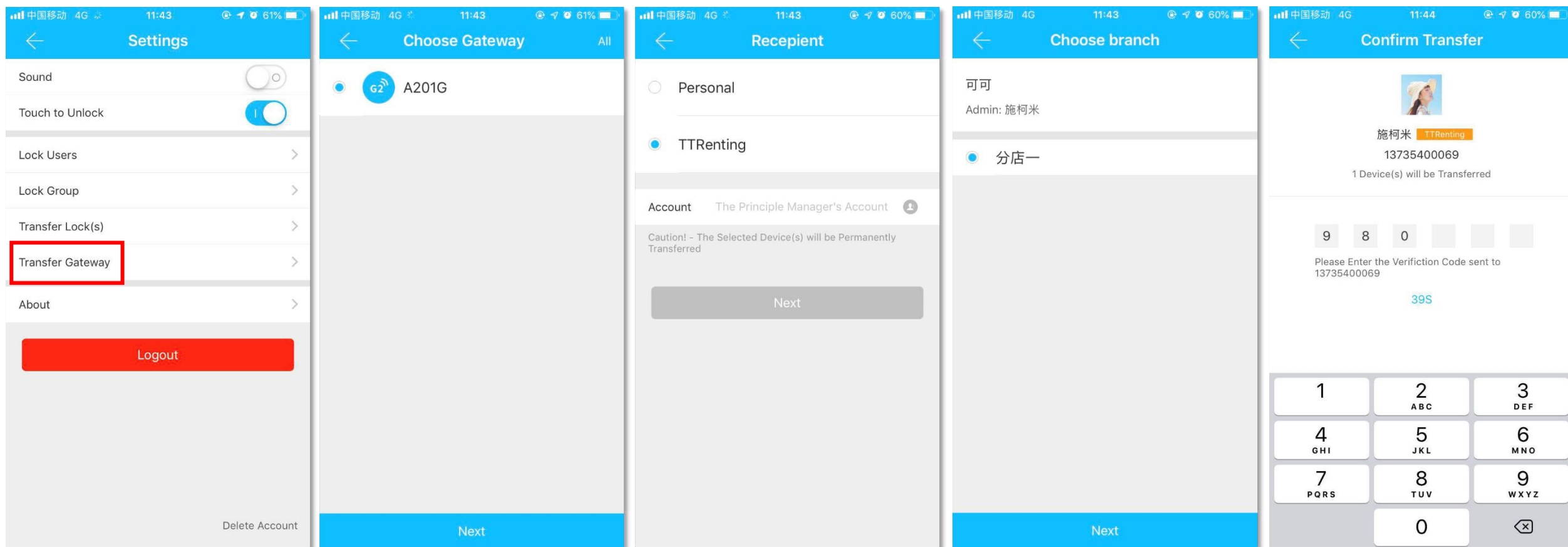
When the fingerprint, password, or IC card is unlocked, the administrator will push the message.



(III) Main functions-gateway management

10.3 Transfer Gateway

The new added transfer gateway function is similar with the transfer smart lock operation. The gateway can be transferred to individual users and TT Renting users.





Thanks

Smart Lock Europe Ltd

