Apartment Smart Lock
User Manual
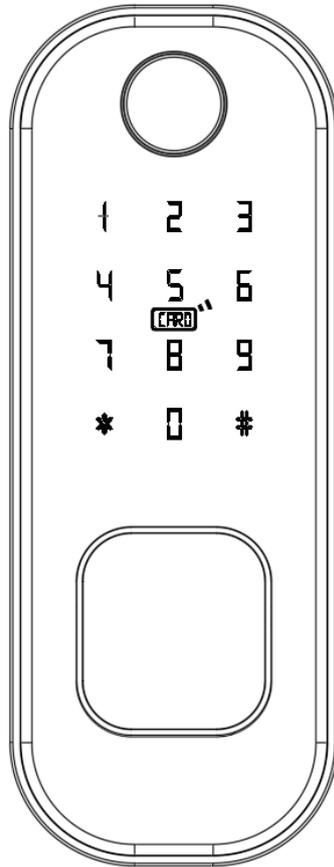
Please read the manual carefully before use

Note:
* be sure to carry the mechanical key with you or put it in an outdoor safe place for any emergency use.
* Do not install this lock in a fire exit door.

1) Before installation

1.1）Professional installation recommended

1.2）To avoid any circuit function fault, please do not crumple the cable.

1.3）Keep the door open until finishing the installation and lock function test.

1.4）Factory initial password is 123456#. Please check whether fingerprint, card, password, key, inside knob unlock function well after installation.

1.5）If any function mentioned above doesn't work appropriately, check again if the cable is well connected or if there any improper operation during installation then reinstall it strictly following our diagram.

2) Installation diagram
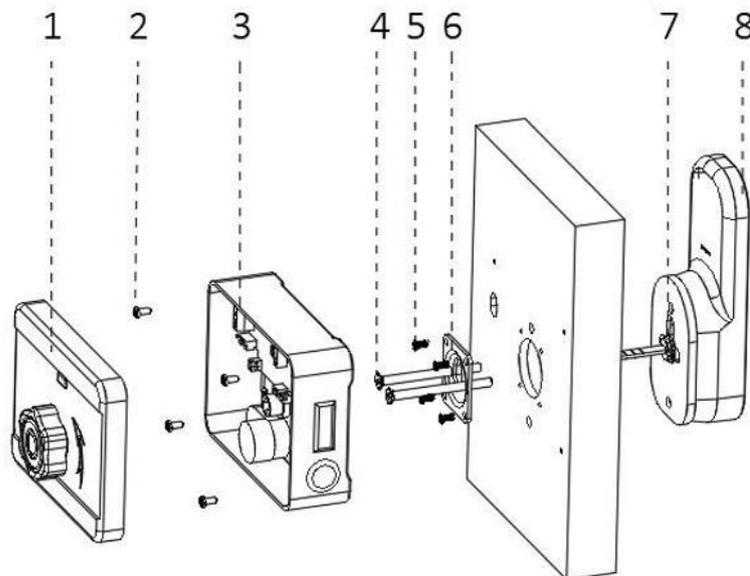
1、back panel knob 2、mortise fasten screws 3、mortise components
4、connecting screw 5、panel fasten screw 6、cylinder panel
7、Cylinder 8、front panel

Steps：

2.1) Open the front panel and insert the lock cylinder (refer to diagram 7,8).

2.2) As shown in the diagram, use the studs to connect the front panel and cylinder panel then tighten the screws to fix (refer to diagram 4,5,6).

2.3) Fix the rim mortise on the door then cover it with the back panel and fix it (refer to diagram 1,2,3).

3) Buckle installation
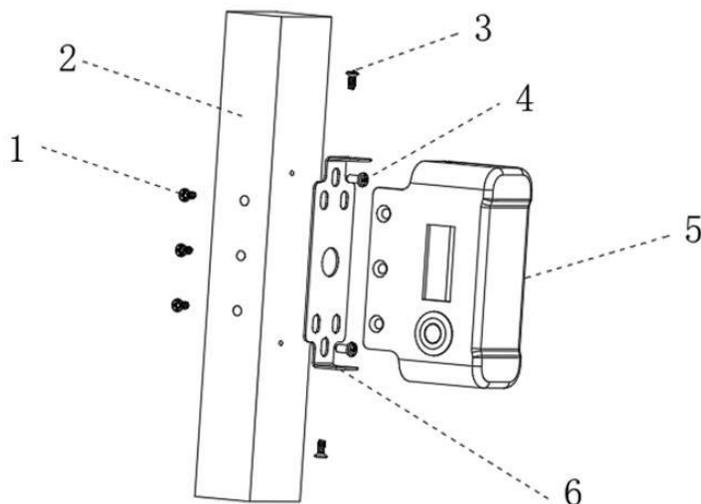
1、 buckle fastening screws   2、 Door frame
3、 buckle connecting screws   4、 buckle plate fixing screw
5、 buckle   6、 buckle plate

Steps:

3.1) Use the screws to fix the buckle plate on the door.

3.2) Use screws to fix the buckle.

3.3) When finish the installation, test the knob of the rim lock making sure the deadbolt fit the buckle slot well. If the unlock operation is not smooth enough, try adjusting the buckle postion.

4) Function and operation

4.1) Keypad function description

Lock is with 12-digit keypad. "*" key is to return or delete while "#" key is to end the input or confirm operation. Delete the last digit by inputting "*" key when enter wrong password (one "*" to delete one digit). Input "#" key when finish operation.

4.2) Factory initial status

Under factory initial status, administrator password is 123456. Please change the administrator password before use.

4.3) Mobile administrator operation

4.3.1) APP to add mobile administrator: when there is no administrator password nor mobile administrator in lock, wake the keypad then connect the door lock to the APP when hear invoice "Please add mobile administrator".

4.3.2) Use the lock to reset the mobile administrator: to use this function, there should be a mobile administrator already. Enter "*83XXXXXX#" (XXXXXX is the administrator password) then use another mobile to add the lock to become another administrator. Reset operation finished, the previous mobile administrator will automatically become invalid.

4.3.3) To delete a mobile administrator: find settings in APP and slide to the bottom then click delete.

5) reset or modify administrator password

An administrator password will be generated when you add the lock. Find it in APP "setting-basics" and modify it following the operations as below.

```
wake the keypad → reset/modify → Input*12# → input the previous administrator password# → input new administrator password# → input the new administrator password again#
```
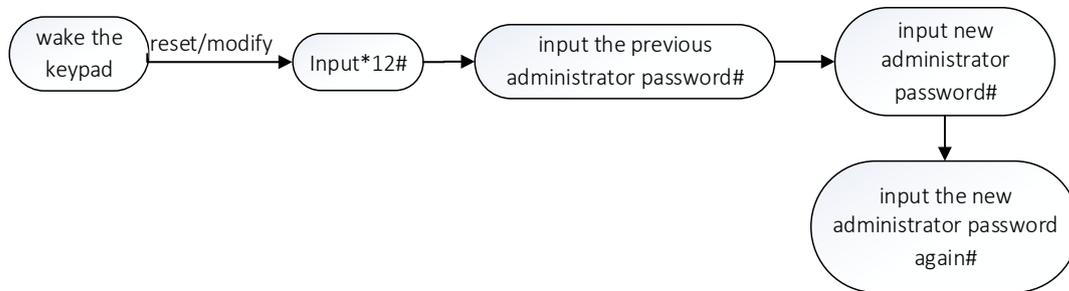
*Remark: the above operation can be performed in APP. To check the password information, click setting and find it in basics.

6) Set / modify / delete password
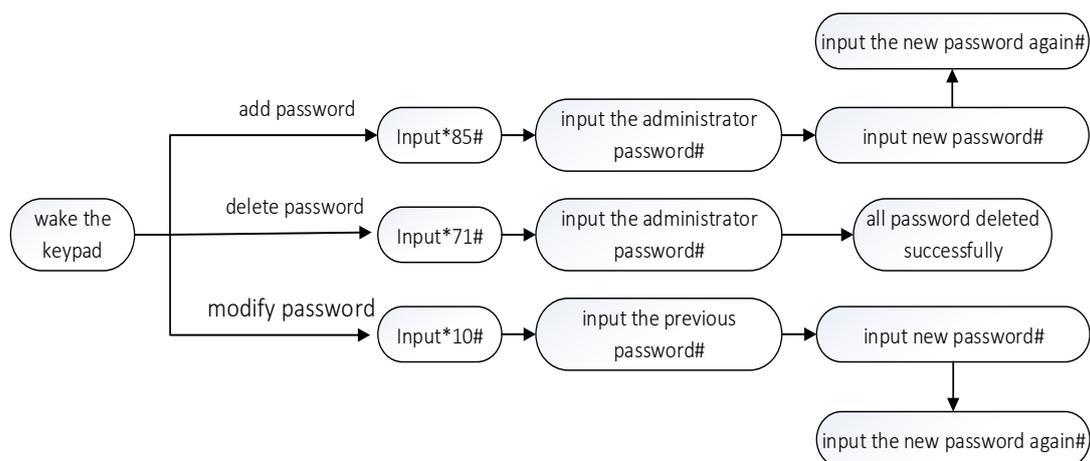
```
wake the keypad
    → add password → Input*85# → input the administrator password# → input new password# → input the new password again#
    → delete password → Input*71# → input the administrator password# → all password deleted successfully
    → modify password → Input*10# → input the previous password# → input new password# → input the new password again#
```

*Remark: the above operation can be performed in APP. Password rename and valid time setting can be performed in APP, too.

4

7) Add / delete fingerprint
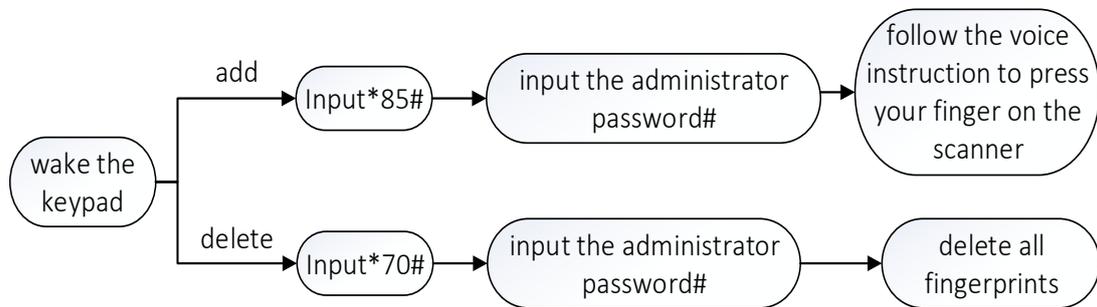
```
                        add        ┌──────────┐      ┌─────────────────────┐      ┌─────────────────────┐
                    ┌─────────────▶│ Input*85#│─────▶│ input the administrator │─▶│ follow the voice    │
┌───────────┐      │              └──────────┘      │    password#        │      │ instruction to press│
│ wake the  │──────┤                                 └─────────────────────┘      │ your finger on the  │
│ keypad    │      │                                                              │ scanner             │
└───────────┘      │   delete     ┌──────────┐      ┌─────────────────────┐      └─────────────────────┘
                    └─────────────▶│ Input*70#│─────▶│ input the administrator │─▶│ delete all          │
                                   └──────────┘      │    password#        │      │ fingerprints        │
                                                     └─────────────────────┘
```

*Remark: the above operation can be performed in APP. Password rename and valid time setting can be performed in APP, too.

8) Add / delete IC card
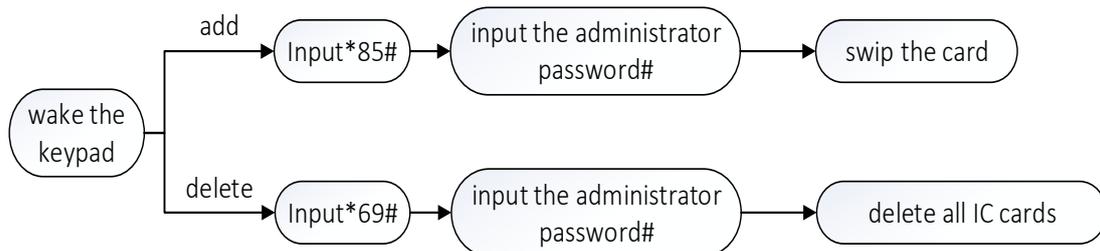
```
                        add        ┌──────────┐      ┌─────────────────────┐      ┌─────────────────┐
                    ┌─────────────▶│ Input*85#│─────▶│ input the administrator │─▶│ swip the card   │
┌───────────┐      │              └──────────┘      │    password#        │      └─────────────────┘
│ wake the  │──────┤                                 └─────────────────────┘
│ keypad    │      │                                                              
└───────────┘      │   delete     ┌──────────┐      ┌─────────────────────┐      ┌─────────────────┐
                    └─────────────▶│ Input*69#│─────▶│ input the administrator │─▶│ delete all IC cards │
                                   └──────────┘      │    password#        │      └─────────────────┘
                                                     └─────────────────────┘
```

* Remark: the above operation can be performed in APP. Password rename and valid time setting can be performed in APP, too.

9) Compatible APP

For English version user, please use TTLOCK APP (supporting Chinese & other 23 languages). User can download through the QR code directly or in APP store.

10) APP function

10.1) The installation

Scan the APP QR code to install TTLOCK APP. For iOS version please download from APP store. For Android, please download from google play, Xiaomi, Huawei APP market.

10.2) Registration

TTLOCK can be registered by mobile phone number or mailboxes. It supports mobile phone numbers from over 200 countries. When starting registration, TTLOCK will send a verification code to the registered mobile phone or email. Once verified, the registration is successful and will turn directly to the home page.
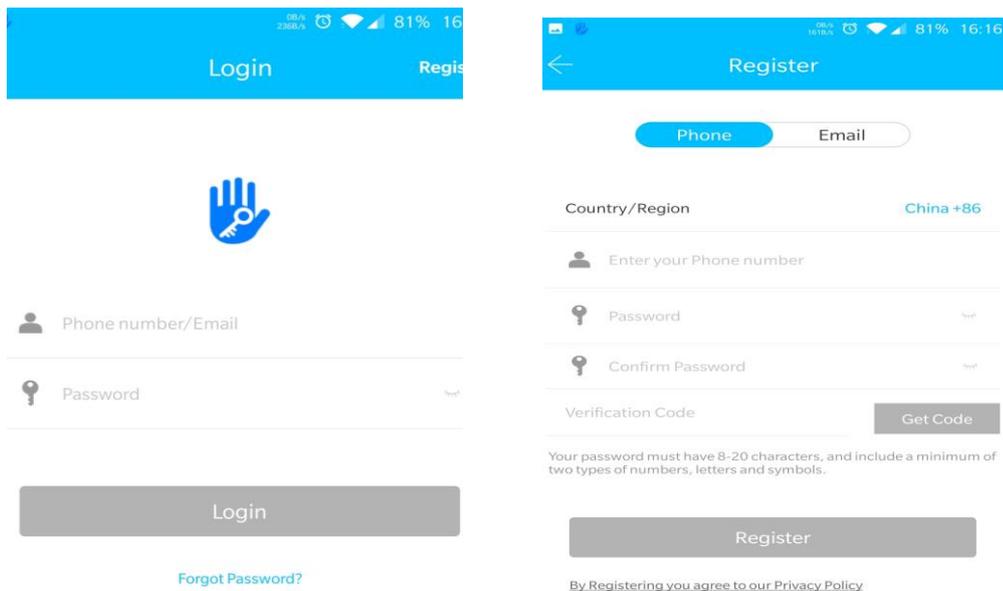
*On the login page, you can log in with registered mobile phone number or email account. When log in with a mobile phone number, enter the phone number without country code as TTLOCK will automatically recognize it. If you forget your password, click on the "forgot password" to verify by mobile phone or email then reset the password.

10.3) APP log in

First time to use the APP, there is no door lock nor key information. Front page will show a button "+". Front page will show the lock information.

The Phone needs to be within 2 meters of the Smart Lock during the Pairing process.

Touch to Unlock, Long Press to Lock.

Send eKey | Generate Passcode | Attendance | eKeys
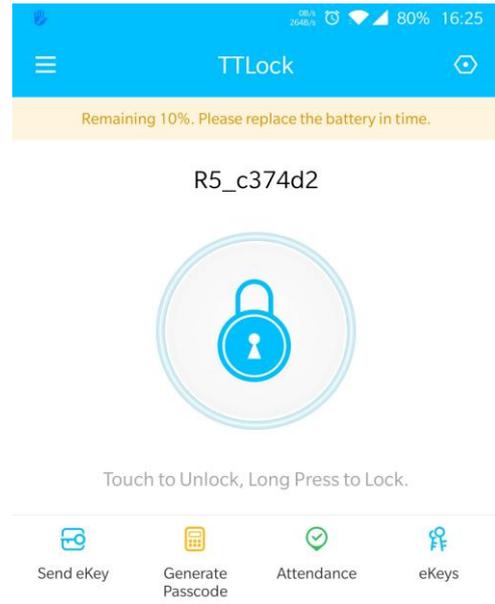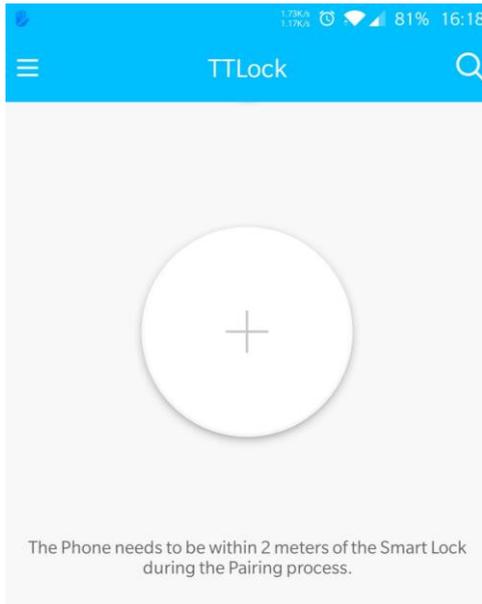
10.4) To add a lock

Please add the lock through TTLOCK App and set administrator before use. Make sure the door lock is nearby and the mobile Bluetooth and WIFI/3G/4G opened when doing the above operation. When finishing adding the lock, the first user will be the default phone administrator.
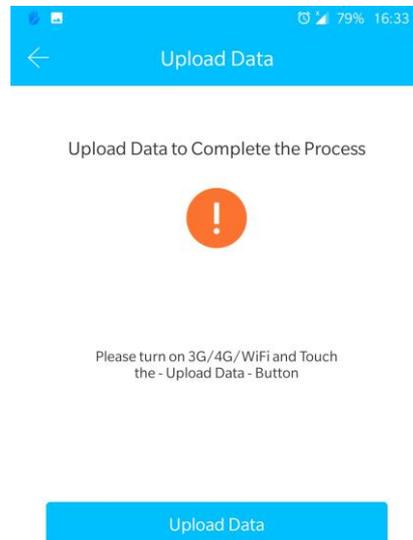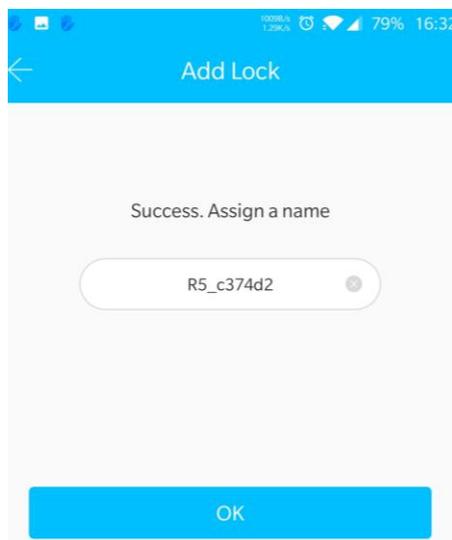
10.5) Ekey management

10.5.1) The first user to add the lock will be the default phone administrator with the highest management authority. He can send Bluetooth ekey to others specifying the time limit (limited time, permanent, one time or cyclic). Sending ekey to unregistered

users supported.

10.5.2) The phone administrator can manage all the ekeys (clearing, resetting, adjusting the validity, sending ekey, check the unlocking data etc.). APP will show the expiring (yellow with the left days) and the expired users (red) in special color for you to take the next step.
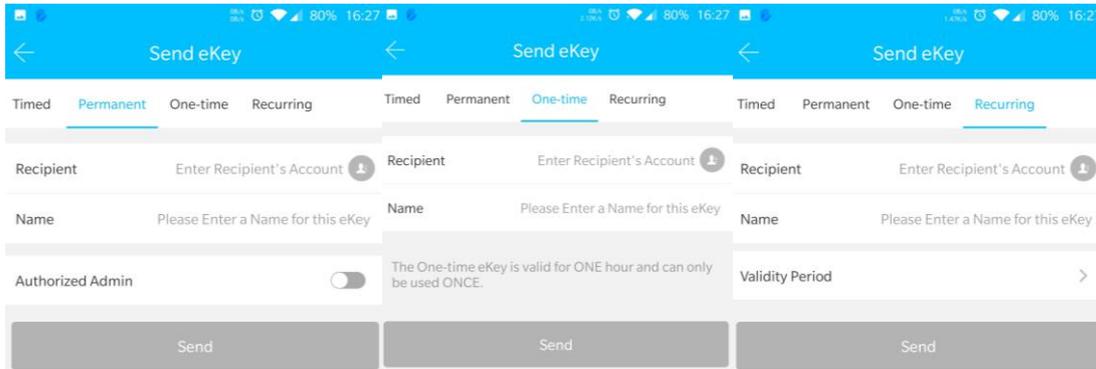
10.6)   Password management

10.6.1) Input "password #" on the keyboard to unlock. There are permanent, time-limited, one-time, clear, cyclic, and customized password. Passwords are randomly generated and can be modified except the customized one (mind that random passwords must be used at least once before modifying it).

10.6.2) Permanent password: password that will not expire.

A permanent password should be used at least once within 24 hours after it is generated, otherwise it will automatically become invalid.

10.6.3) Time-limited password: password with a certain validity (shortest one hour, longest 3 years).

If password validity is within one year, it can be set down to hour precision. If password validity is more than one year, it can be set down to month precision. The time-limited password will need to be used at least once within 24 hours, otherwise it will automatically become invalid.

10.6.4) One-time password: password that can be used for one time only with a validity of one hour.

10.5.5) Erase password: the password will be valid for 24 hours. When an erase password used to unlock, all passwords set before will be permanently invalid. (this password is recommended for rental house/apartment use only)

10.5.6) Customized password: set a certain 4-9 digits required.

10.5.7) Cyclic password: a password that can be used repeatedly within a specified

time, there are daily cycle, weekly cycle, weekend only cycle and other.

11) Card management

Use the APP to add IC card user when the lock is nearby. The validity period IC card can be set to be either permanently or temporary and validity can be modified accordingly.
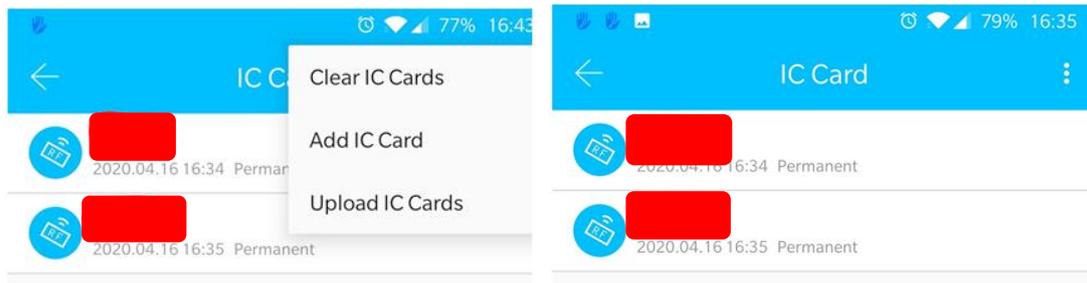
 12) Fingerprint management

Use the APP to add (4 times register recognition when it gets start) or delete the fingerprint. Make sure lock is nearby and Bluetooth and WIFI/3G/4G is on.

13) The gateway

TTLOCK is connected via Bluetooth but not network, which makes it free from network attack. The gateway is a bridge connecting the smart lock and the network at home. User can operate the lock remotely by using the gateway. The steps of adding a gate way is as below:

13.1) Connect the phone to the WIFI network which is connected to the gateway.

13.2) Click the "+"at the upper right Connor and input the WIFI password and gateway name then the APP password to verify.

13.3) Press the gateway setting button for five seconds till the green light flashes then start to add (support G2 gateway only).
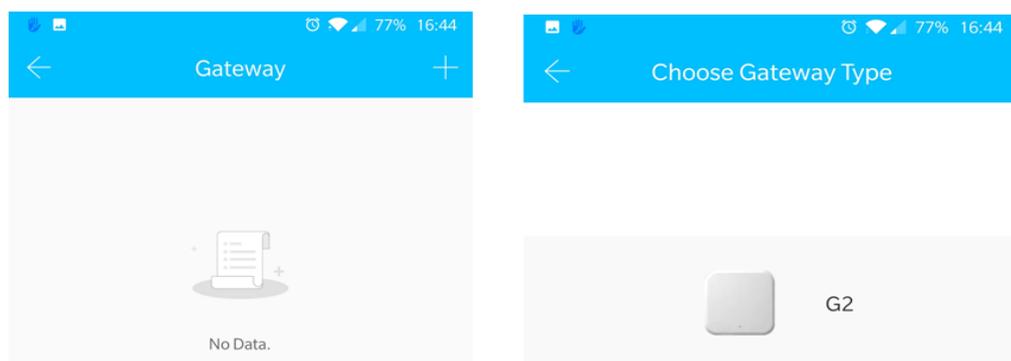
14) other function

➢ Anti-peeping password function: input before or after the correct password some random number (no more than 16 bits) for better security.

➢ 5 times wrong password will cause a 5-minute keypad lock. During these 5 minutes, the correct password, registered IC card, APP unlock can release the locked status.

➢ Chinese and English supported. For Chinese, input "*39#XXXXXX#1#"(XXXXXXX is the administrator password. For English, input "*39#XXXXXX#2#".

15) Technical parameter

Bluetooth standard	Bluetooth 4.1 or above	
Mobile system supported	Android 4.3/IOS7.0 or above	
power	DC 6V / DC 12V	
Static current	≤60μA	
Work temperature	-20~60℃	
Work humidity	20%～90%RH	
button	Capacitive touch buttons	
Password capacity	APP password sending	unlimited
	Customized password	150
fingerprint	Correct rejection rate	≤1%
	False recognition rate	≦0.001%
	Recognition time	≤1s
	capacity	200
Card supported	M1 card	
IC card capacity	200	
Unlock way	APP / fingerprint / password / IC card / key	
Emergency power supply	DC 5V	

————————————————WARRANTY————————————————

1. Package will be delivered together with an English manual and warranty card. Fill in the warranty card and keep it after installation.

2. Warranty: 1 year.

3. We do not provide warranty service in the following situations:

3.1) Damage caused by unexpected factors, human intended violent behavior and some external factors (including but not limited to violent prying damage, input of inappropriate voltage, etc.).

3.2) Damage caused by of irresistible factors such as natural disasters (earthquakes, fires, floods, etc.).

3.3) For those damage out of the warranty scope, we will charge accordingly.

3.4) When the product fails to work properly, please contact your local dealer for repair.