



User Manual

iLock15



Cautions

Thanks for choosing our products, please read this guide carefully before you installing or operating it. We suggest you to employ professional workers to install, follow with this guide' s instruction. Do not separate products, please keep well of the seal label for any warranty issues. Contact our distributors or customer service if you have any further questions.

Note

1. In default station, any password can unlock the doorlock, please register admin password immediately after installation, do not close the door before everything check ok.

2. Unlock with 4 ways: Password, Mechanical key, App, Card(option).

3. Power supply by 2 ways: 4*AA Battery for normal use & External 9V Battery for emergency.

4. Available for door thickness 38-90mm.

5. Take care of the password, suggest to change it for a certain period for safe.

6. Do not operate it with wet hand, keep doorlock away from liquid.

7. Lock the door when leaving home.

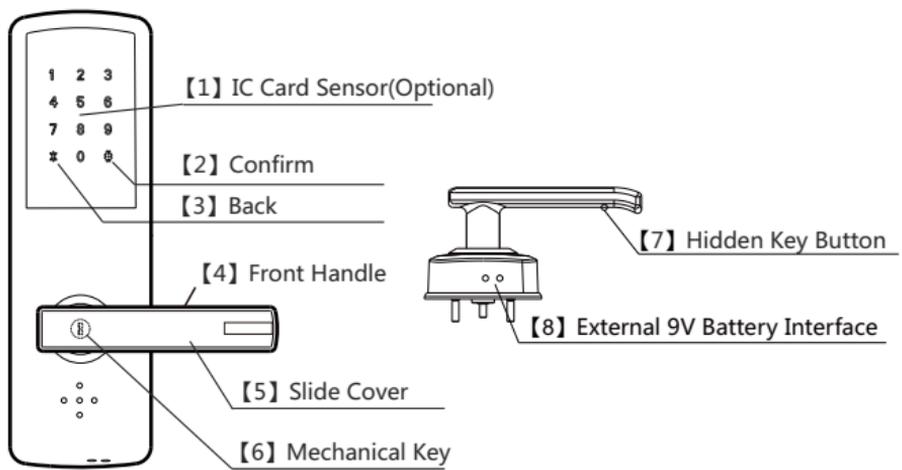
8. Please replace all new battery at the same time when low-voltage battery alarm, do not mix the battery with new and old.

9. Please keep a mechanical key in a suitable place for emergency situation.

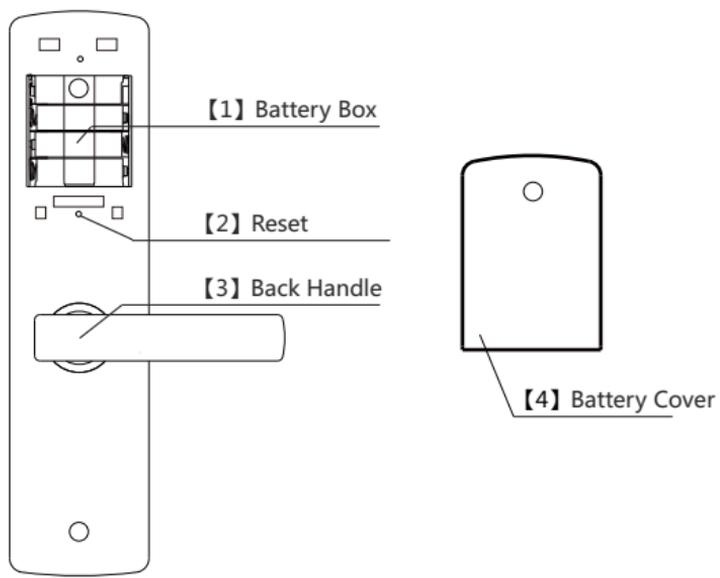
10. After installation, please do a full test as the below steps to make sure the installation 100% success, if any fault, please re-install again.

S/N	Test Item	Methods
1	Power	Install 4*AA battery, touch the screen with full hand(make sure the touch area is large enough), it will appear 2 random numbers, press them to wake up the keypad.
2	Front Handle	Press the handle , door lock can't be unlocked; release the handle and it will be automatically turned back, make sure the handle works well.
3	Back Handle	Press the handle , door lock can be unlocked; release the handle and it will be automatically turned back, make sure the handle works well.
4	Lock/Unlock	Input the password to unlock, can hear the voice prompts, press the handle to unlock, and automatically locked after about 5s.

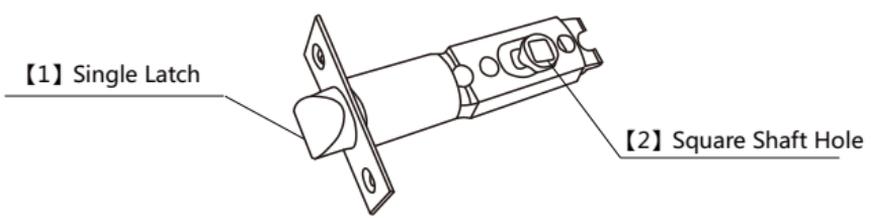
Structure



Front Panel Structure



Back Panel Structure



Latch

Packing List

Packing List

Item	Name	No.	Remark
1	Front Panel	1	
2	Back Panel	1	
3	Latch	1	
4	Package of Square Shaft and Screw	1	see below
5	Package of Strike plate and Screw	1	see below

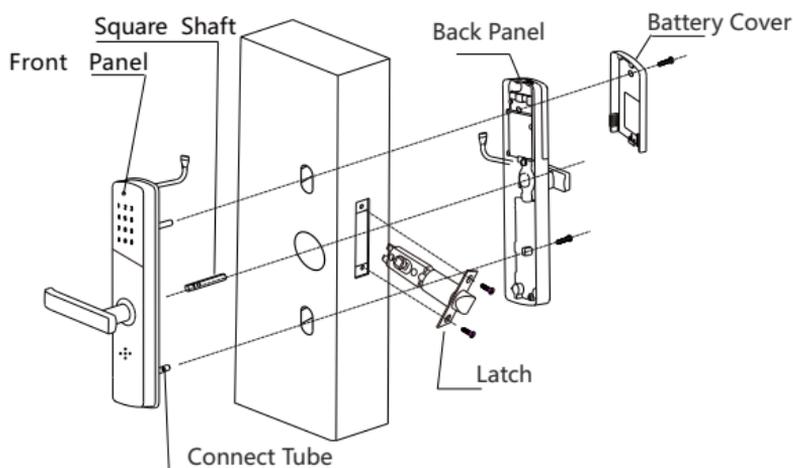
Package of Square Shaft and Screw

Item	Name	No.	Remark
1	Square Shaft	1	
2	Countersunk Screw	2	
3	Wafer Head Self Tapping Screw	4	
4	Tip self-tapping screw	4	
5	Fix screw	2	
6	Dowel	1	

Package of Strike plate and Screw

1	Strike plate	1	
2	Plate Box	1	
3	Tapping Screw	4	

Installation Instruction

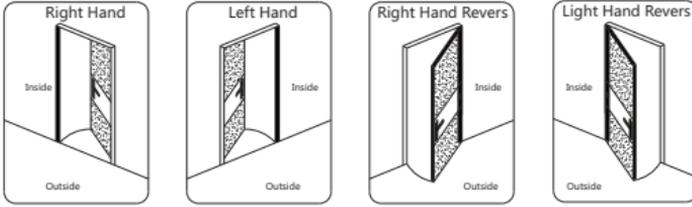


Note: Must insert dowel when installing Square Shaft

Installation Guide

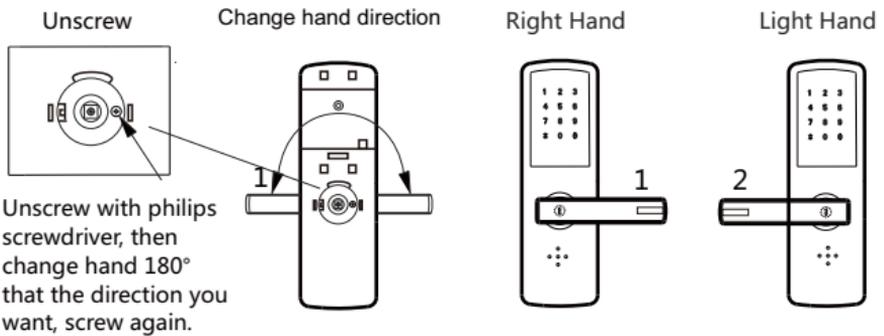
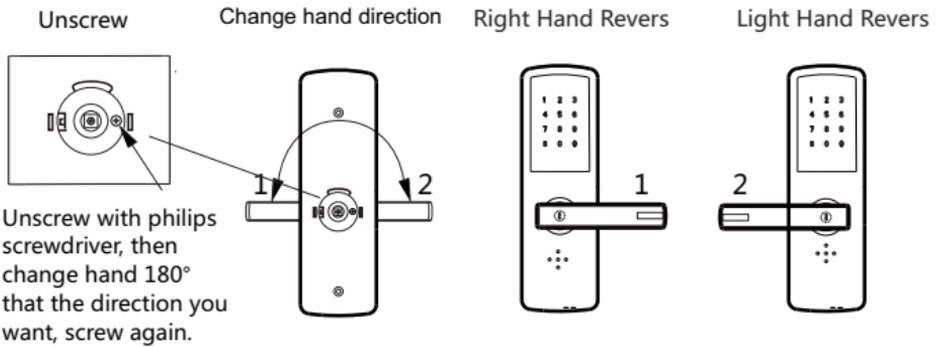
1. Installation requirement

Door thickness require 38-90mm, deep for latch is 100mm. Our doorlock support right/left hand, right/left hand revers, please change the hand of doorlock when installing, and chose the right direction of latch.



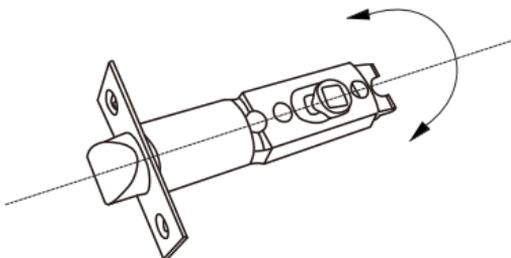
2. Hand direction

Before installing, please change the hand direction according to your door. The method as below :



3. Latch direction

Rotating the direction when installing, according to your door direction (or hand direction)



4、Tools

 Pencil	 Tape	 Angle Rule
 Drill	 Drill Bits	 Hammer
 Knife	 Screw Driver	 Chisel

5、Drilling

Find a suitable place to drill on the door. The hole is large a bit, make sure door lock can move a little in the hole.

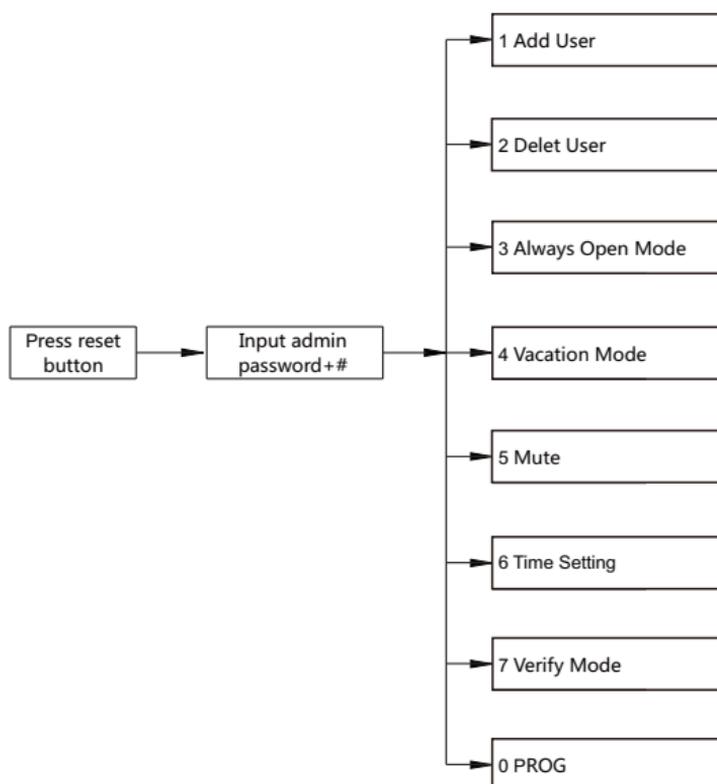
Note:

- (1)、 Please change the hand direction before installing.
- (2)、 Do not close the door after installing lock, please check the lock first, make sure it can work well. For example, touch the screen with your hand, then you should see two random number ,press them, then you should see the keypad is waked up, input default password(123456), then press door lock hand, you should unlock.

Setting Guide

1、 Admin mode & Menu

Press Reset button, and wait until keypad lights up, then input admin password + # (default admin password is 123456).

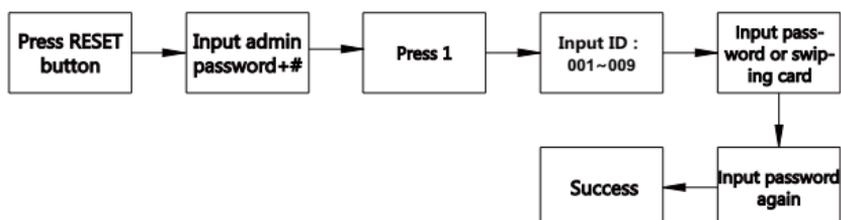


3. Add User

iLock 15 support add password user and card user. (Depend on the door lock version). Only the Admin User can add/delete users, normal user can't. Max support 230 user capacity, each user have an unique ID(001~230) , Admin User from ID001~009, Normal User from ID010~230.

3.1 Add admin user

Admin user can add/delete admin or normal user, and unlock. ID (001~009) for admin user. The operation of add user is below:

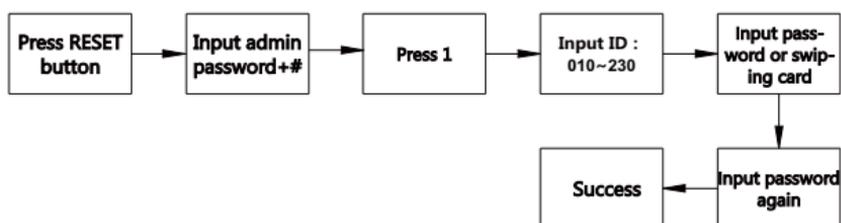


Note:

Password should be 4~6digits,if it less than 6digits,please input # to end. If it is 6 digits, no need to input #.

3.2 Add Normal User

Normal user can only lock/unlock, can not add/delete any user. ID (010~230) for normal user. The operation of add user is below:



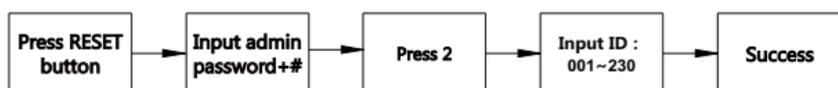
Note:

(1)When input ID, system will assign an ID (small to large) automatically if using # replace an id number, this way only suitable for normal user ID, if you create an admin user ,you have to input id.

(2)Password should be 4~6digits,if it less than 6digits,please input # to end. If it is 6 digits, no need to input #.

4 Delete User

You should delete a user if you disable it.

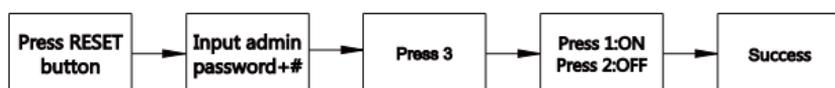


Note:

(1)When input ID, system will assign an ID (small to large) automatically if using # replace an ID number, this way only suitable for normal user ID, if you create an admin user ,you have to input ID.

5 Always Open Mode

Always open mode means the doorlock is always opened, anyone can open the door without using the password or card. Please consider the situation before enable this mode, and exit in time.



6 Vacation Mode

Once users execute vacation mode, it means only the admin user can unlock the door. Once admin user unlock the door, it will exit Vacation Mode automatically.



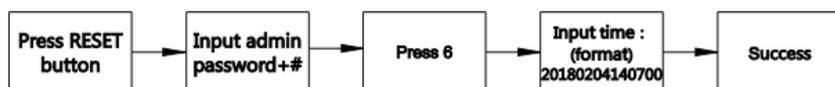
7 Mute

Users are able to mute the lock for any voice prompts.



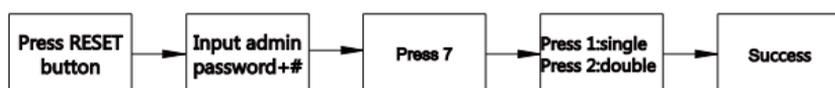
8 Time Setting

Set with your local time.



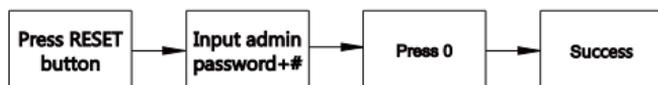
9 Verify Mode

Users can choose Single Verify & Double Verify to unlock. Single Verify means only password or card will work. Double Verify means password + card combination, or password + password.



10 Inclusion/Exclusion

Door lock can be added to a Z-wave gateway or controller. Please make gateway in learn mode first, then operate the door lock to send a NIF.



The door lock can work independently as a electronic lock, without any controller. And also work with mobile APP and other home automation devices through a Z-wave gateway. With the gateway, users can always know who is visiting, track all the open log, check device status, make association, authorization, issue temporary password to visitors/cleaners, etc.

The door lock is standard Z-wave device, it is compatible with all Z-wave gateway, please refer to each gateway manual for details.

Here we are going to introduce how the door lock work with iSurpass gateway and APP system.

1. APP Download and Installation

Please scan the QR code and follow the instructions for downloading and installation. Please allow the required permissions of the APP during installation



Android



IOS

2. Registration

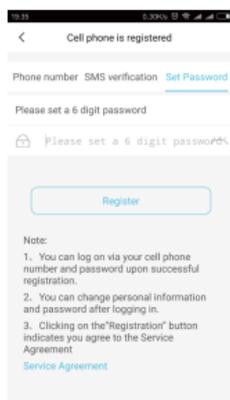
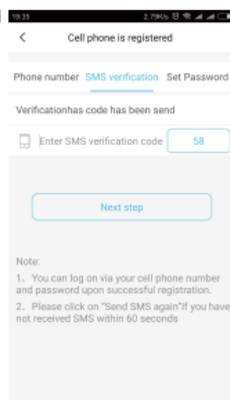
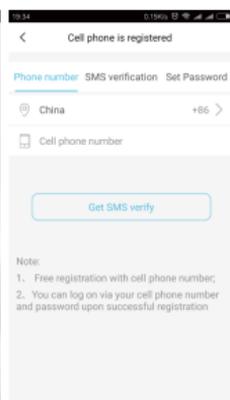
After installation, Users need to register before using iSurpass APP

(1) Run the APP.
(2) Click "Registration" on the login page.

(3) Choose country code. Input mobile phone number. Get "SMS verify"

(4) Enter SMS verification code. Then, "Next Step"

(5) Set User code (1~6 numbers) to complete the registration.

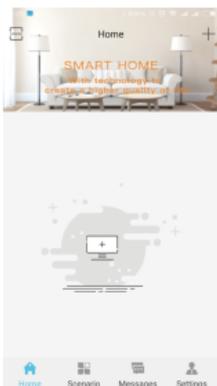


3. Gateway Association and Network Setting(AP Mode)

This doorlock adopts Z-wave protocol to achieve smart control. To make it work, users have to add a Z-wave gateway to make sense.

After adding the gateway, please set up the network immediately and make it connect to the Internet.

- (1)Login APP.
- (2)Click the "Scanner" icon on the top left.

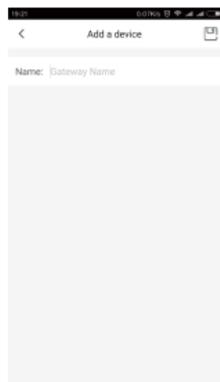


- (3)Scan the QR code which is pasted on the back side of the gateway

note :
Please don't loose QR code.



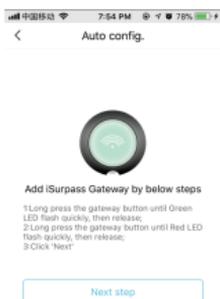
- (4)Give it a name and save.



- (5)Distribution Network.

- (6)Choose the same WiFi with the phone connected, then Next Step.(This wifi must support the gateway to connect internet)

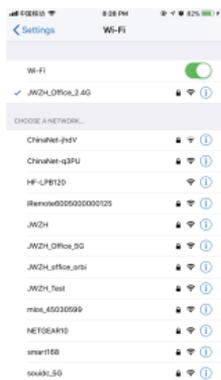
- (7) Power on the gateway, wait until RED led blink quickly (If users want to change the WiFi connection, they can press and hold down the button several times until RED LED blink).
- (8)Next Step.



(9) Mobilephone connect the gateway's hotspot
(If it can't be done automatically, please do it manually. Gateway hotspot is named by "iRemote*****", password:12345678)

(10) Start Configuration.

(11) Configuration successfully.



Smart Link (optional)

Smart link is a secondary way for user to do association and network setting, but this requires a high quality WiFi connection.

1. Make your phone connected to WiFi.
2. Run iSurpass APP-- Setting Page--iSurpass-- " + " icon--Adding iSurpass.
3. Choose the same WiFi with phone connected, and input password.
4. Power on gateway, press and hold the button until Green LED blink quickly.
5. Click "Next Step" to start configuration.
6. Gateway will be added to the system successfully.

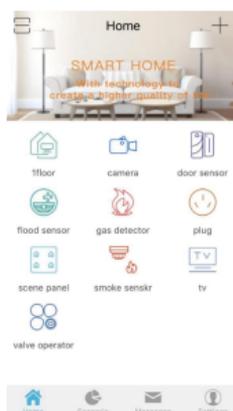
Gateway should be able to connect to wifi after config, then add the door lock into gateway.

4.Add door lock

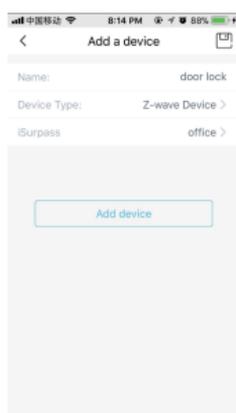
Add the door lock to the system to enjoy smart control.

(1)Run APP and login

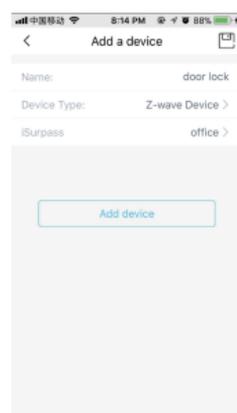
(2)Home Page, Click “+” Button on the top right



(3)Choose Z-wave device & iSurpass gateway, and name for the door lock.



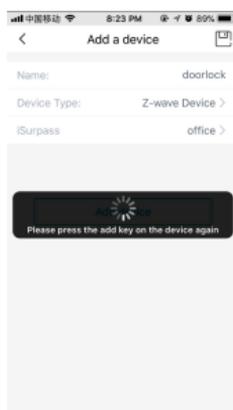
(4)Add device.



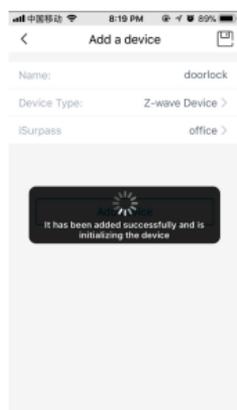
(5)Trigger the door lock (See Inclusion/Exclusion)



(6)Trigger the door again lock again (See Inclusion/Exclusion)



(7)Wait until add successfully.



You will see a lock icon in home page when add successfully, then you can remotely controlled it via app.

5. User setting

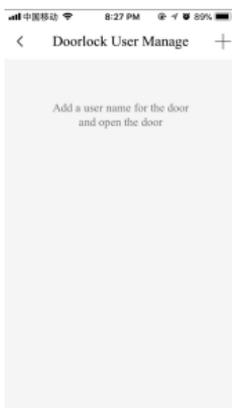
Users can add new users on iSurpass APP, include Password User, Card User, Fingerprint User. Please check which user type your door lock support.

5.1 Password User

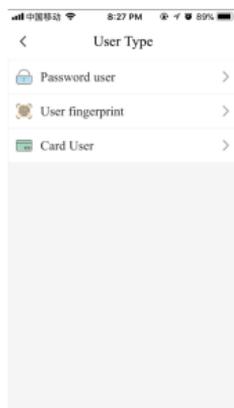
(1) Click "..."
"button on top
right corner.
(2) Click "User".



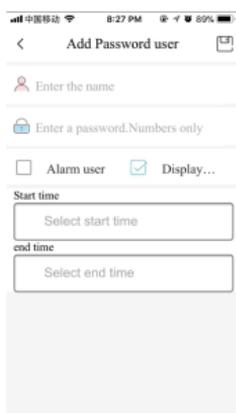
(3) Click "+"
button on top
right corner.



(4) Select
password user
item.



(5) Input Name
and password.
(6) Select start
time for enable
this user.
(7) Select end
time for
disable this
user.

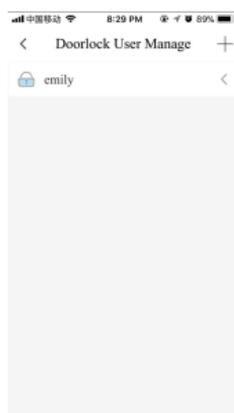


(8) If select
alarm user,
please input
phone number
to receive
message.

Note :
Alarm user is that when unlock
with this user, will cause a
alarm report. If you don't
need alarm, please don't
select it. Should not unlock
with alarm user.



(9) Click finish
button.



After add password user, we can use password to unlock. Users will get a notification and can check open log.

5.2 Card user

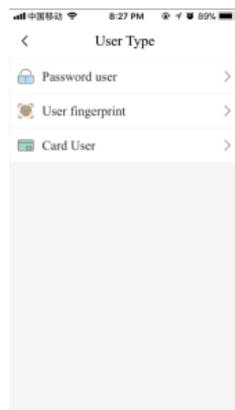
(1) Click "..."
"button on top
right corner.
(2) Click "User".



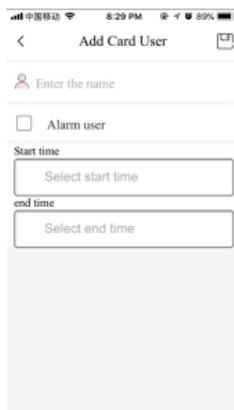
(3) Click
"+" button on
top right
corner.



(4) Select card
user item.



(5) Input Name
(6) Select start
time for enable
this user.
(7) Select end
time for
disable this
user.

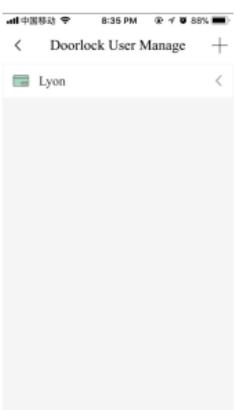


(8) If select
alarm user,
please input
phone number
to receive
message.

Note :
Alarm user is that when unlock
with this user, will cause a
alarm report. If you don't
need alarm, please don't
select it. Should not unlock
with alarm user.



(9) Click finish
button.
(10) Swiping
card on screen,
according to
prompt and or
lock prompt.



After add card user, we can use card to unlock. Users will get a notification and can check open log.

6.Unlock

6.1 Unlock via app

- (1)Lock Page, click the button to lock/unlock.
- (2)Press the handle to open the door.

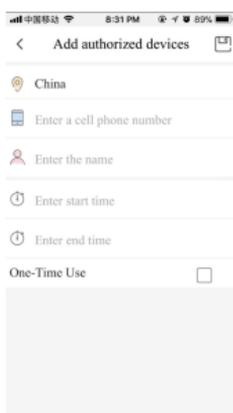
6.2 Authorize the lock to others

Users are able to authorize the lock to family members/ friends to remote control. There are two situations for registered users and non-registered users:

6.2.1 Via text message

This is suitable for someone who is not a registered users.

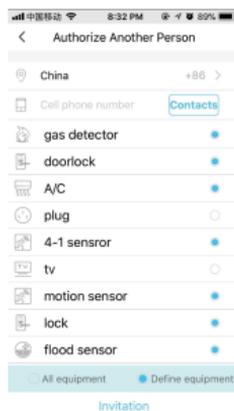
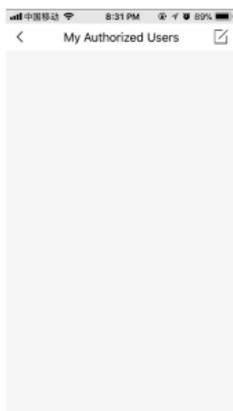
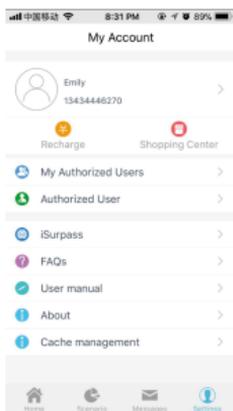
- (1)Click "..."
"button on top
right corner.
- (2)Click
invitation
button.
- (3)Input phone
number or
select from
address list.
- (4)Click save
button
- (5)Receiver can
use the link
and verify code
in text message
to unlock the
door lock.



6.2.2 Via APP

This is suitable for someone who is a registered users.

- (1)Click
settings
- (2)Select " My
authorized
users " in my
account page.
- (3)Click edit
button.
- (4)Click
authorize
button.
- (5)Input phone
number , then
select door
lock.
- (6)Click
invitation
button.

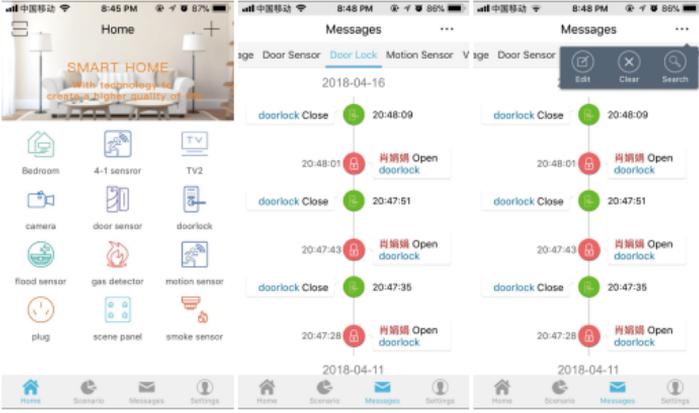


Authorized person accept the invitation, then can see a lock icon. He can unlock via app.

7. Unlock record and edit

Select doorlock to check lock/unlock log.

- (1) Run and login app.
 (2) Click message button.
 (3) See record, or you select one kind device to see, for example door lock.
 (4) If you want to edit some message, click "... " on top right corner, click "edit" button.
 (5) You can delete some message or name for user.



About ZWAVE

Door lock is zwave product, it can be add into a gateway, then user can control it via app. Door lock compatible with third part manufacture, if you chose third part gateway, please refer to its guide, if you chose our gateway, please read carefully this guide, refer to app guide chapter 4 add door lock.

1. Inclusion/Exclusion

Exclusion : Delet a device for zwave network.

1) Set gateway in Exclusion mode or delete mode [please refer to gateway guide]

2) Set door lock in learn mode [see page 7 ,about 10 Inclusion/Exclusion]

3) Wait until success [please refer to gateway guide]

Inclusion : add a device into a zwave network.

1) Set gateway in Inclusion mode or add mode [please refer to gateway guide]

2) Set door lock in learn mode [see page 7 ,about 10 Inclusion/Exclusion]

3) Wait until success [please refer to gateway guide]

2. Association

Our product support an association group, and this group only support one node(one device) to receive unlock/lock message, battery report, alarm report. Please refer to your gateway guide to know how to set association.

3. Configuration

Our product support configuration command class, but you don't need to do any configuration.

4. Supported ZWAVE command class

Inclusion as unsecurity:

COMMAND_CLASS_ZWAVEPLUS_INFO,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_SECURITY,
COMMAND_CLASS_BATTERY,
COMMAND_CLASS_ASSOCIATION_V2,
COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_BASIC,

Inclusion as security:

COMMAND_CLASS_ZWAVEPLUS_INFO,
COMMAND_CLASS_MANUFACTURER_SPECIFIC,
COMMAND_CLASS_SECURITY,
COMMAND_CLASS_BATTERY,
COMMAND_CLASS_ASSOCIATION_V2,
COMMAND_CLASS_ASSOCIATION_GRP_INFO,
COMMAND_CLASS_POWERLEVEL,
COMMAND_CLASS_BASIC,
COMMAND_CLASS_VERSION,
COMMAND_CLASS_DOOR_LOCK,
COMMAND_CLASS_USER_CODE,
COMMAND_CLASS_CONFIGURATION,
COMMAND_CLASS_NOTIFICATION_V4,
COMMAND_CLASS_TIME_PARAMETERS,

Specification

s/n	Item	Content
1	Coating Material	Zinc alloy
2	Mortise	Five-latch/Single-latch
3	User Capacity(Admin)	9 groups
4	User Capacity(User)	221groups
5	Power Supply	4.8~6.5VDC (AA*4)
6	Battery Life	10000 times open operating
7	Low Voltage Alarm	$\leq 5.0V$
8	Static Current	$\leq 50\mu A$
9	Dynamic Current	$\leq 300mA$
10	Working Tem.	-20~55°C
11	Working Humidity	20~95%
12	Dimension	L*W*H :228.60 x 71.30 x 86.2mm (Front) L*W*H :228.60 x 71.30 x72.85mm(Back)
13	Package Size	350 x 235 x 140mm
14	G.W	2.0kg

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