UIOT $^®$ Full House Smart Home System

www.unisiot.com

SHANGHAI UNISPLENDOR LELIAN INTERNET OF THINGS TECHNOLOGY CO.,LTD
Address:Building C, 888 huanhu west 2nd road, nanhui new town, pudong new area, Shanghai

Product Name:Smart lock
Model No.:C3056006

Information to Users

According to the FCC Part 15.19, 15.21, and 15.105 rules, for this EUT, the instructions or operation manual furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

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 1: 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 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ISED WARNING

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Dear users, Welcome to the use of this smart lock. Please check the product list carefully and read the operating instructions before you install and use this product. Please request professional personnel to install the door lock and operate it according to the installation standards provided by our company. Do not disassemble and assemble the door lock without permission. Please protect the relevant sealing signs to avoid unnecessary trouble during the warranty period.

★Instructions for use

1. In the initial state, the lock can be opened by fingerprint and 6- to 12-digit password. Please complete the registration as soon as possible after the smart lock passes the debugging.
2. A total of 199 fingerprints: 10 admin fingerprints (No.101-110) and 130 user fingerprints (No.111-240). 30 temporary fingerprints (No.241-270) and 29 coercive fingerprints (271-299).
3. A total of 99 passwords: the number of valid password digits is 6-12, 1 administrator passwords (No.001), 79 user passwords (No.002-080) ,10 temporary passwords (No.081-090) and 9 coercive passwords (No.091-099).
4. A total of 99 cards: 10 management cards (No. 301-310) and 70 user cards (No. 311-380). 10 temporary cards (No.381-390) and 9 coercive cards (No.391-399).
5. A total of 4 unlocking methods: fingerprint unlocking, password unlocking, mechanical key unlocking, card unlocking \ network unlocking (optional).
6. A total of two power supply modes: the main power supply mode: powered by 4 No.5 batteries (the normal service life is 1 year); Standby power supply mode (enabled when battery is dead) by external USB power supply
7. Safety button: this button can prevent the cat's eye from opening when it is opened, and the door cannot be unlocked by pressing on the internal handle; When the safety button if turned off, the cat's eye opening prevention function fails, but the door can be opened normally by pressing on the internal handle.
8. Unlocking authority is shown in the following table:

Category	Unlocking authority				
	Common Mode (password/fingerprint)	Fingerprint+password unlock mode	Fingerprint+fingerprint unlock mode	Feedback mode	Normally open mode
Administrator password	✓	✓	✗	✓	✓
User password	✓	✓	✗	✗	✓
Temporary password	✓	✗	✗	✗	✓
Coercive password	✓	✓	✗	✗	✓
Administrator fingerprint	✓	✓	✓	✓	✓
User fingerprint	✓	✓	✓	✗	✓
Temporary fingerprint	✓	✗	✗	✗	✓
Coercive fingerprint	✓	✓	✓	✗	✓
Management card	✓	✗	✗	✓	✓
User card	✓	✗	✗	✗	✓
Temporary card	✓	✗	✗	✗	✓
Coercive card	✓	✗	✗	✗	✓
Mechanical key	✓		✓	✓	✓

★Verification Manual for Installation

After the installation of the whole lock, the following verification must be carried out, and all verification items must be ensured to be normal, any problems arising from any of which requires reinstallation. If necessary, contact the local customer service or our company's service hotline in a timely manner.

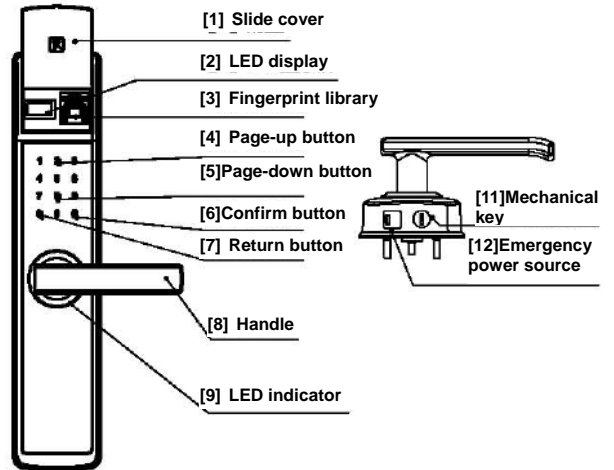| No.	Verification Items	Verification Method
1	Power-on test	After four batteries are installed, the system can be awakened by sliding the cover or touching touch screen
2	Internal handle test	It can be locked by lifting the inner handle and unlocked by pressing the inner handle, with flexible plate movement and smooth return.
3	External handle test	It can be locked by lifting the external handle, and cannot be unlocked by pressing the internal handle with a flexible plate movement and smooth return.
4	Safety button test	It cannot be locked or unlocked by popping up the internal handle of the safety button; At this time, it can be locked by lifting the external handle backwards, and the safety button can be pressed back manually after locking (it must be ensured)
5	Counter-lock test	Turn the counter-lock button to the horizontal state and voice broadcast "the door is locked" and can control the safety piece to pop out. The display on the vertical state will show "door unlocked" and can control the safety piece to retract.
6	Unlock test	In the locked state, enter a valid password or fingerprint, and it can be unlocked by pressing on the external handle during the period when the green indicator light is on . When the green indicator light is off, the external handle cannot be used for unlocking

★Common Problems and Countermeasures

Common problems and countermeasures are shown in the following table

Common Problems and Countermeasures

No.	Problem description	Countermeasures
1	After the fingerprint or password is verified, the door cannot be open by pressing on the handle. The external handle must be lifted first and then pressed down to open the door	For poor installation, please carefully read the installation procedures in the installation instructions and re-install it to ensure that the lock center is consistent
2	Every time the system wakes up, the system prompts that the door has been unlocked and only the administrator fingerprint or password can be used for unlocking	As a result of the reverse installation of the counter-lock knob, the inner cover plate is re-installed. When the safety piece is not popped out, the counter-lock button is installed vertically
3	The external handle function is normal and the internal handle function is invalid	If the square bar is too long or too short, cut the square bar again according to the door thickness. The length of the square bar is the door thickness plus 1.5cm
4	When the door is normally open, the external handle can be pressed down to open the door without verification	If the rotation direction of the front handle is not correct, remove the front cover plate, rotate the black handle 180 degrees and reinstall it

1. Outer cover plate assembly

[1] Slide cover
[2] LED display
[3] Fingerprint library
[4] Page-up button
[5]Page-down button
[6]Confirm button
[7] Return button
[8] Handle
[9] LED indicator
[11]Mechanical key
[12]Emergency power source

2. Inner cladding plate assembly

[1] Set button
[2]Voice button
[3] Battery case
[4] Safety button
[5] Internal handle
[6] Counter-lock knob
[7]Battery compartment cover

3. Lock body part

Main bolt
Safety piece
Oblique bolt
Safety lever
Safety lever
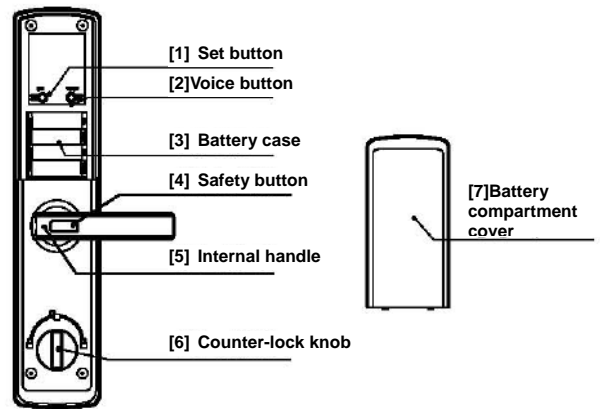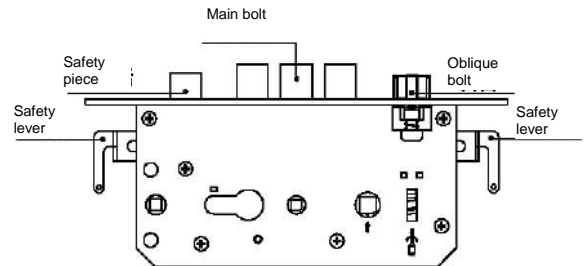
Product List and Installation Explosion Diagram

Please check carefully according to the following list after unpacking the packing case. If any omission is found, please contact our company or local agent in time.

Product List			
No.	Name	Number of locks per set	Remarks
1	Outer cover plate	1	
2	Inner cover plate	1	
3	Inner bottom plate	1	
4	Inner rubber pad	1	
5	Lock body	1	
6	Screw kit	1	See the table below for details.
7	Board buckle plate and case	1	
8	Anti-theft door buckle plate	1	
9	Card (optional)	2	

List of screw packages (40~90 door thick)			
No.	Name	Quantity	Remarks
1	Cross countersunk self-tapping screw	6	ST4.2X20 for wooden door installation
2	Cross countersunk screw	8	M5X10 for iron gate installation
3	Cross pan head screw	4	M5X15 inner cover plate is fixed to the inner bottom plate
4	Cross pan external tooth two combined screw	3	M5X35 is suitable for 50~70mm door thickness
5	Cross pan external tooth two combined screw	3	M5X65 is suitable for 75~90mm door thickness
6	Cross pan external tooth two combined screw	3	M5X25 is suitable for 40~50mm door thickness
7	Square bar	1	
8	Counter-lock bar	1	
9	Allen wrench	1	For fixing external handle
10	Square bar guide seat (plastic)	1	For inner bottom plate mounting guide (must be used)
11	Cover plate screw hole	2	
12	Locating pin	1	For fixing the counter-lock square bar
13	Connecting pipe	3	For fixing inner and outer plates

Installation Explosion Diagram

Note: This part is only used for installing the locating square bar, and it shall be removed when installing the inner cover plate

Installation Instructions

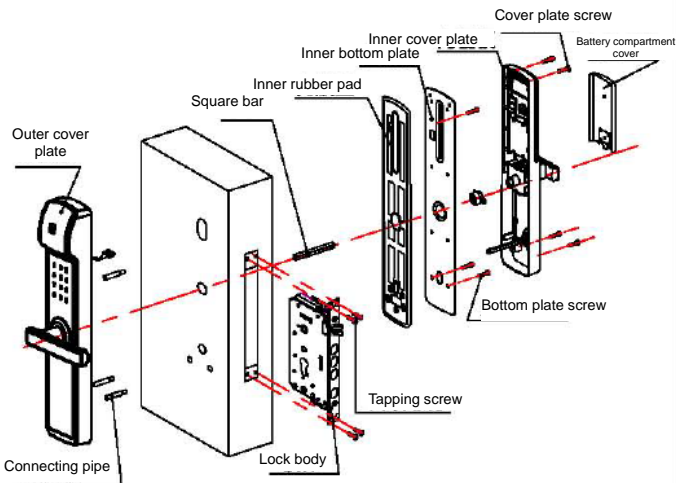### 1. Door direction confirmation before installation
The smart door lock is suitable for four kinds of doors with left outer opening, left inner opening, right outer opening and right inner opening. Determine the direction of the handle according to the left or right opening, and determine the direction of the oblique bolt according to the inner or outer opening. As shown in the following figure
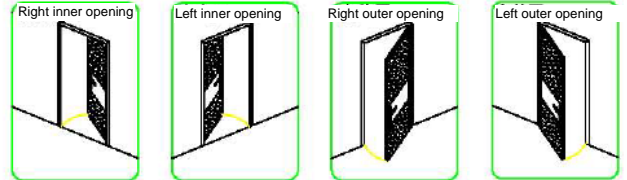
2.Handle direction change
Use an Allen wrench and a Phillips screwdriver to unscrew the Allen screw and the handle fixing screw, pull out the handle moderately, rotate 180° to the correct position, and then screw back the screw. Rotate along the right outer opening and right inner opening handle directions to position 1, and along the left inner opening and left outer opening handle directions to position 2. The specific steps are shown in the following figure

B: After unscrewing the two screws with a screwdriver, turn the handle 180° to the key hole surface to the correct position and then screw back the screws.

C: Turn on the safety button, unscrew the two screws with a screwdriver, rotate the handle 180° to the correct position and then screw back the screws.
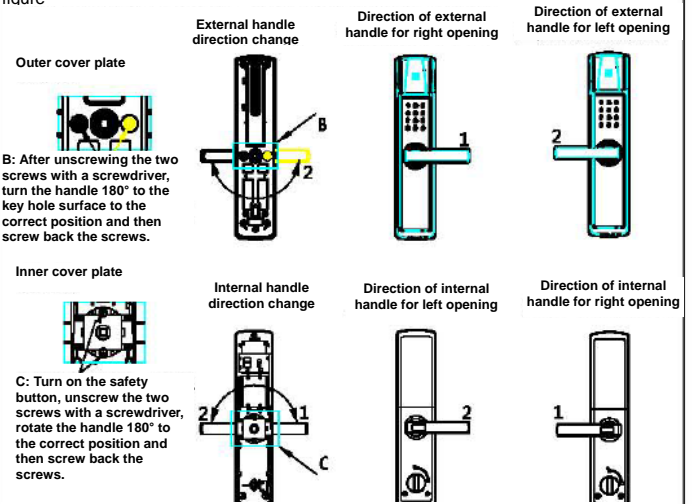
3. Lock body oblique bolt direction change
The direction of oblique bolt for right outer opening and left inner opening is as shown in fig. 1; The direction of oblique bolt for right inner opening and left outer opening is as shown in fig. 2. The specific steps are shown in the following figure

Use a Phillips screwdriver to unscrew the lock body panel screw. After the panel is removed, rotate the oblique tongue180°, then install the panel into the lock body, and lock screw

⚠ **Caution**
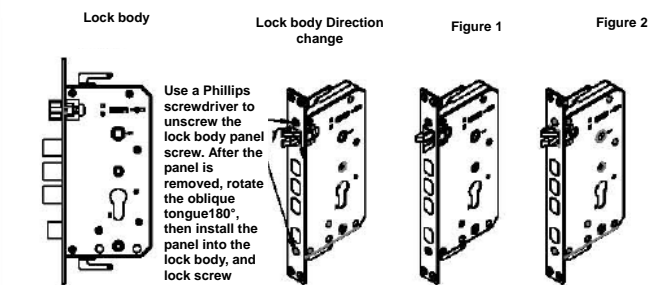
1. Before installation, be sure to determine the direction of door opening and switch the handle and oblique bolt according to the installation instructions.
2. After the whole lock is installed, open the sliding cover of the front cover plate, enter any 6-12 digit password, or enter any line to imitate the unlocking action. If the front handle is pressed down when the LED indicator light is on and the green light is on, the installation is completed if the lock body oblique bolt and the main bolt can be normally controlled. Remember that no one is allowed to close the door outside the door until the installation is confirmed to be completed

1. Register the first administrator password in initial status

In the initial state, any fingerprint or password can be used for unlocking. After the installation is completed, the administrator password must be entered in time to enter the management mode for subsequent operations. This smart lock can register the first administrator password by pressing the set key on the back cover plate. After the operation, you will be prompted "Please add administrator password". Enter 6-12 digits of password and press [#] to prompt "Please enter again" when the recognition is completed. The password entered for the second time must be consistent with that for the first time. After the addition is completed, you will be prompted "Add Completed."   And the LED indicator lights green. At this time, you are already the first owner of this smart lock, and you may proceed with the subsequent operations. The specific steps are as follows:

Enter the first password

SET button

The specific add process is shown in the following figure

| Click the SET button. | → | Add admin password Please enter the password | → | Please enter the admin password again | → | Administrat or 001 Add completed |
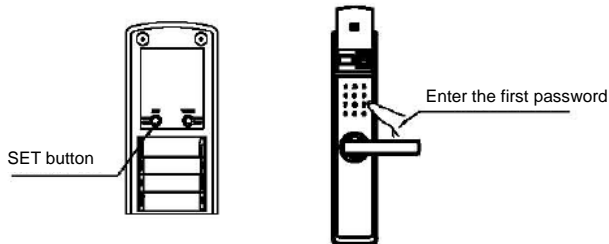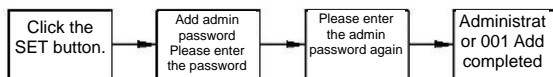
2. How to enter management mode and real menu index

Open the battery cover and press the set button on the back cover plate. Voice prompt "Please verify the administrator fingerprint or enter the admin password" and enter the previously registered admin password to enter the management mode interface. The specific operation is similar to registering the first admin fingerprint. The screen display menu index is shown in the following figure:

Add a user
Remove a user
System setup
Record query
Networking settings

Add password
Add fingerprint
Add card

Modify admin password
Add user password
Add temporary password
Add coercive password

Add admin fingerprint
Add user fingerprint
Add temporary fingerprint
Add coercive fingerprint

Add management card
Add user card
Add temporary card
Add coercive card

Delete password
Delete fingerprint
Delete card

Select the password to be deleted or ID number

Select the fingerprint to be deleted or ID number

Select the card to be deleted or ID number

Time setting
Local unlock mode
Remote unlock mode
Normally open setting
Store status
Voice settings
Factory settings
Version Information

Unlock record

Add mobile phone
Delete mobile phone

3.Add a user
3.1 Add password
3.1.1 Modify administrator password
The administrator user has the same authority. Since the first admin password has been initially registered, the admin password can now be modified. The new password must be entered twice for modificat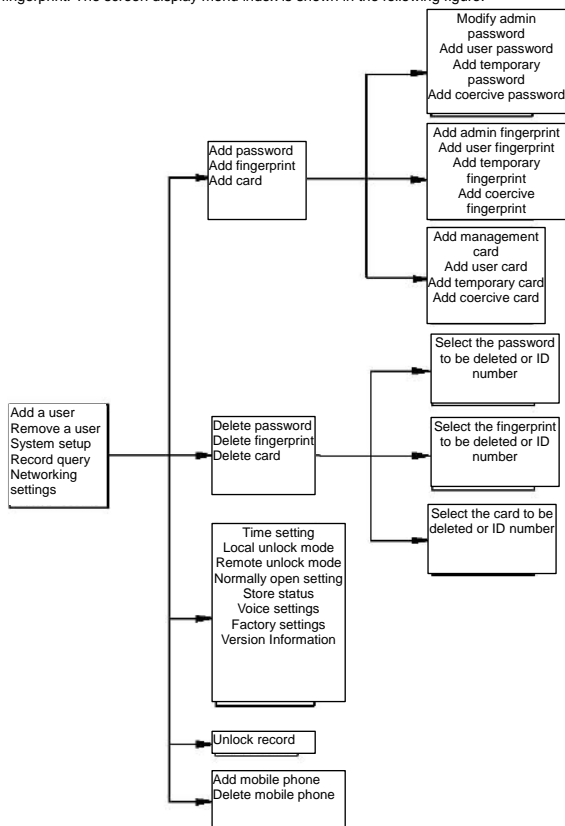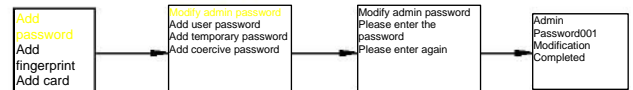ion and the password entered for the second time must be consistent with the password entered for the first time. After successful addition, the voice prompt "Add Completed" will be given. The add process is shown in the following figure:

| Add password Add fingerprint Add card | → | Modify admin password Add user password Add temporary password Add coercive password | → | Modify admin password Please enter the password Please enter again | → | Admin Password001 Modification Completed |

3.1.2 Add user password
The user password can be unlocked in the normal mode and compound mode. For specific adding steps, please refer to modifying the admin password. The specific add process is as follows:

| Add password Add fingerprint Add card | → | Modify admin password Add user password Add temporary password Add coercive password | → | Add user password 002 Enter password Please enter again | → | User password 002 Add completed |
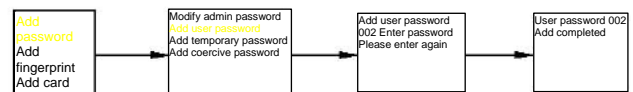
3.1.3 Add temporary password
Temporary password can only be used for unlocking in normal mode. The temporary password number will be automatically deleted after unlocking once. The specific add process is as follows:

| Add password Add fingerprint Add card | → | Modify admin password Add user password Add temporary password Add coercive password | → | Add temporary password 081 Enter password Please enter again | → | Temporary password 081 Add completed |
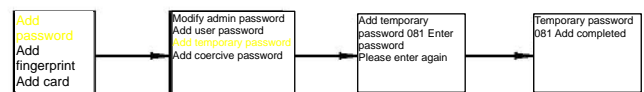
3.1.4 Add coercive password
For coercive password, the specific add process is as follows:

| Add password Add fingerprint Add card | → | Modify admin password Add user password Add temporary password Add coercive password | → | Add coercion password 091 Enter password Please enter again | → | Coercive password 091 Add completed |

3.2 Add fingerprint
3.2.1 Add administrator fingerprint;
Similar to adding passwords, the specific add process for fingerprint is as follows:

| Add password Add fingerprint Add card | → | Modify admin fingerprint Add user fingerprint Add temporary fingerprint Add coercive fingerprint | → | Add admin fingerprint 101 Please press your finger Please enter again | → | Admin fingerprint101 Add completed |

3.2.2 Add user fingerprint
The user fingerprint can be used for unlocking in normal mode and compound mode, with the following details added:

| Add password Add fingerprint Add card | → | Modify admin fingerprint Add user fingerprint Add temporary fingerprint Add coercive fingerprint | → | Add user fingerprint 111 Please press your finger Please enter again | → | User fingerprint111 Add completed |
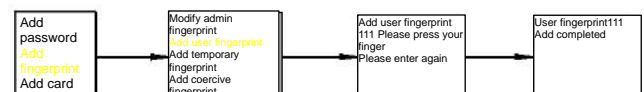
3.2.3 Add temporary fingerprint
Temporary fingerprint can only be used for unlocking in normal mode. The temporary fingerprint number will be automatically deleted after unlocking once. The specific add process is as follows:

| Add password Add fingerprint Add card | → | Modify admin fingerprint Add user fingerprint Add temporary fingerprint Add coercive fingerprint | → | Add temporary fingerprint 241 Please press your finger Please enter again | → | Temporary fingerprint 241 Add completed |

3.2.3 Add coercive fingerprint
For coercive fingerprint, the specific add process is as follows:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add          │   │ Modify admin     │   │ Add coercive     │   │ Coercive         │
│ password     │→  │ fingerprint      │→  │ fingerprint 271  │→  │ fingerprint 271  │
│ Add          │   │ Add user         │   │ Please press     │   │ Add completed    │
│ fingerprint  │   │ fingerprint      │   │ your finger      │   │                  │
│ Add card     │   │ Add temporary    │   │ Please enter     │   │                  │
│              │   │ fingerprint      │   │ again            │   │                  │
│              │   │ Add coercive     │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```

3.3 Add card
3.3.1 Add management card
Similar to adding passwords, the specific add process for card is as follows:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add          │   │ Modify admin     │   │ Add management   │   │ Management card  │
│ password     │→  │ fingerprint      │→  │ card301 Please   │→  │ 301 Add          │
│ Add          │   │ Add user         │   │ swipe the card   │   │ completed        │
│ fingerprint  │   │ fingerprint      │   │                  │   │                  │
│ Add card     │   │ Add temporary    │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
│              │   │ Add coercive     │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
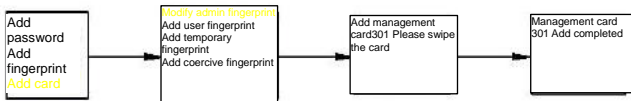
3.3.2 Add user card
The user card can be used for unlocking in the normal mode, with the following details added:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add          │   │ Modify admin     │   │ Add user card    │   │ User card 311    │
│ password     │→  │ fingerprint      │→  │ 311 Please swipe │→  │ Add completed    │
│ Add          │   │ Add user         │   │ the card         │   │                  │
│ fingerprint  │   │ fingerprint      │   │                  │   │                  │
│ Add card     │   │ Add temporary    │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
│              │   │ Add coercive     │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
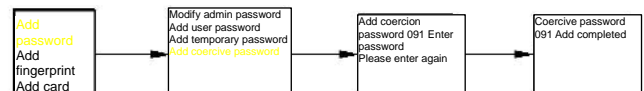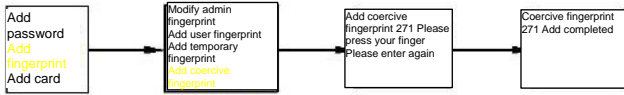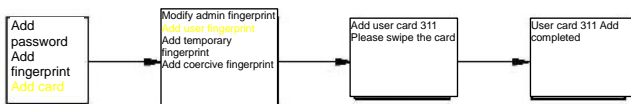
3.3.3 Add temporary card
Temporary cards can only be used for unlocking in normal mode. The temporary card number will be automatically deleted after the temporary card is used once. The specific add process is as follows:
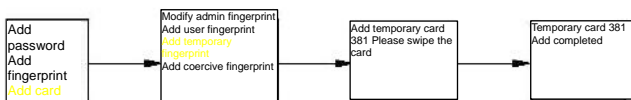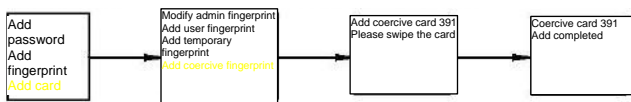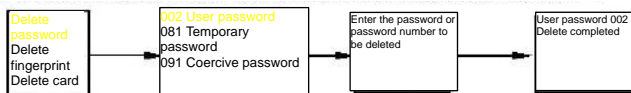
```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add          │   │ Modify admin     │   │ Add temporary    │   │ Temporary card   │
│ password     │→  │ fingerprint      │→  │ card 381 Please  │→  │ 381 Add          │
│ Add          │   │ Add user         │   │ swipe the card   │   │ completed        │
│ fingerprint  │   │ fingerprint      │   │                  │   │                  │
│ Add card     │   │ Add temporary    │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
│              │   │ Add coercive     │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```

3.3.4 Add coercive card
The coercive card can be used for unlocking in the normal mode, with the following details added:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add          │   │ Modify admin     │   │ Add coercive     │   │ Coercive card    │
│ password     │→  │ fingerprint      │→  │ card 391 Please  │→  │ 391 Add          │
│ Add          │   │ Add user         │   │ swipe the card   │   │ completed        │
│ fingerprint  │   │ fingerprint      │   │                  │   │                  │
│ Add card     │   │ Add temporary    │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
│              │   │ Add coercive     │   │                  │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
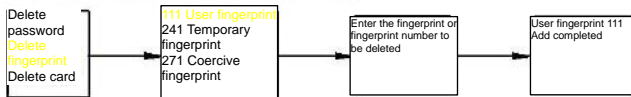
4. Delete users
4.1 Delete password
The admin password cannot be deleted, and the temporary/user/coercion password can be deleted. The specific operating process is as follows

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Delete       │   │ 002 User password│   │ Enter the        │   │ User password    │
│ password     │→  │ 081 Temporary    │→  │ password or      │→  │ 002 Delete       │
│ Delete       │   │ password         │   │ password number  │   │ completed        │
│ fingerprint  │   │ 091 Coercive     │   │ to be deleted    │   │                  │
│ Delete card  │   │ password         │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
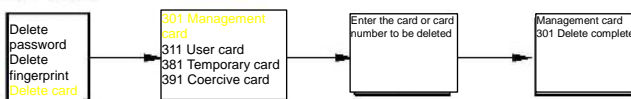
4.2 Delete fingerprint
At least one admin fingerprint is reserved when deleting the fingerprints. Temporary/user/coercive fingerprints can be deleted. For specific operating steps, please refer to password deletion. The deletion process is as follows:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Delete       │   │ 111 User         │   │ Enter the        │   │ User fingerprint │
│ password     │→  │ fingerprint      │→  │ fingerprint or   │→  │ 111 Add          │
│ Delete       │   │ 241 Temporary    │   │ fingerprint      │   │ completed        │
│ fingerprint  │   │ fingerprint      │   │ number to be     │   │                  │
│ Delete card  │   │ 271 Coercive     │   │ deleted          │   │                  │
│              │   │ fingerprint      │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
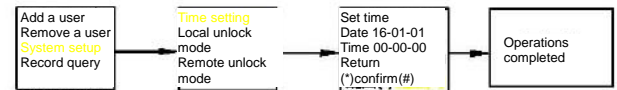
4.3 Delete card
The management card can also be deleted when deleting the card. For specific operating steps, please refer to the deletion password. The operating process is as follows:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Delete       │   │ 301 Management   │   │ Enter the card   │   │ Management card  │
│ password     │→  │ card             │→  │ or card number   │→  │ 301 Delete       │
│ Delete       │   │ 311 User card    │   │ to be deleted    │   │ completed        │
│ fingerprint  │   │ 381 Temporary    │   │                  │   │                  │
│ Delete card  │   │ card             │   │                  │   │                  │
│              │   │ 391 Coercive     │   │                  │   │                  │
│              │   │ card             │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```

---

5. System setup
5.1 [Time setting]
After entering the management mode, select [System Settings], [Time Settings], press the number buttons to type the time to save, press the [*] button to cancel the last input, and press the [#] key to confirm after the setting is completed. The specific operating process is as follows:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add a user   │   │ Time setting     │   │ Set time         │   │ Operations       │
│ Remove a user│→  │ Local unlock     │→  │ Date 16-01-01    │→  │ completed        │
│ System setup │   │ mode             │   │ Time 00-00-00    │   │                  │
│ Record query │   │ Remote unlock    │   │ Return           │   │                  │
│              │   │ mode             │   │ (*)confirm(#)    │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
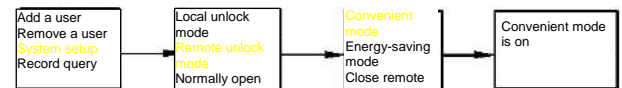
5.2 [Local unlock mode]
There are three unlock modes. Normal mode, fingerprint+fingerprint, fingerprint + password. The unlock mode is fingerprint + fingerprint. Fingerprint + password requires that both fingerprint and password are not for temporary users. You can adjust the cursor to the corresponding mode according to requirements, and press the [#] button to confirm the selection. The specific operating flow is as follows:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add a user   │   │ Time setting     │   │ Normal Mode      │   │ Normal mode      │
│ Remove a user│→  │ Local unlock     │→  │ Fingerprint+Fin  │→  │ operations       │
│ System setup │   │ mode             │   │ gerprint         │   │ completed        │
│ Record query │   │ Remote unlock    │   │ Fingerprint+Pa   │   │                  │
│              │   │ mode             │   │ ssword           │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
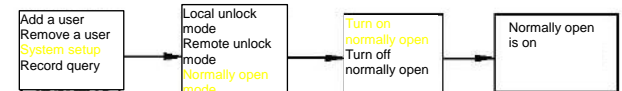
5.2 [Remote unlock mode]
There are three unlock modes. Convenient mode, energy-saving mode, close remote. When the door lock remote unlock mode works in the convenient mode, it can directly communicate with the host; when the door lock remote unlock mode works in the energy-saving mode, after waking up the door lock numeric keypad, press "8+#" to wake up the zigbee module and communicate with the host; When the door lock remote unlock mode works in the close remote mode, remote unlocking, remote addition of users, remote deletion of users and other functions cannot be performed. When the door lock is initialized, it is in the convenient mode.

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add a user   │   │ Local unlock     │   │ Convenient       │   │ Convenient mode  │
│ Remove a user│→  │ mode             │→  │ mode             │→  │ is on            │
│ System setup │   │ Remote unlock    │   │ Energy-saving    │   │                  │
│ Record query │   │ mode             │   │ mode             │   │                  │
│              │   │ Normally open    │   │ Close remote     │   │                  │
│              │   │ mode             │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
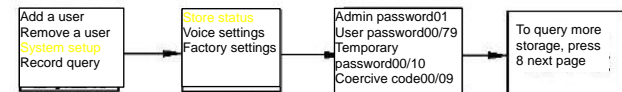
5.4 [Normally open setting]
When the touch screen is woken up after being normally opened, the LED display screen will prompt "Normally open is on" and the LED indicator light will be normally green, during which, the door is in the access state and the external handle can be directly pressed down to open the door without a password. The normally open mode can be released after an effective unlocking action. Or turn off normally open by [normally open setting]. The specific operating flow is as follows

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add a user   │   │ Local unlock     │   │ Turn on          │   │ Normally open    │
│ Remove a user│→  │ mode             │→  │ normally open    │→  │ is on            │
│ System setup │   │ Remote unlock    │   │ Turn off         │   │                  │
│ Record query │   │ mode             │   │ normally open    │   │                  │
│              │   │ Normally open    │   │                  │   │                  │
│              │   │ mode             │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
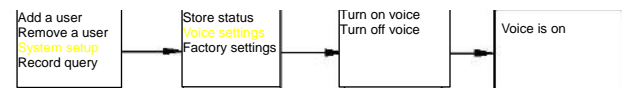
5.4 [Storage status]
The storage status shows the number of registered users of various types and the total capacity of users of each type. The specific viewing process is as follows:

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add a user   │   │ Store status     │   │ Admin password01 │   │ To query more    │
│ Remove a user│→  │ Voice settings   │→  │ User password    │→  │ storage, press   │
│ System setup │   │ Factory settings │   │ 00/79            │   │ 8 next page      │
│ Record query │   │                  │   │ Temporary        │   │                  │
│              │   │                  │   │ password00/10    │   │                  │
│              │   │                  │   │ Coercive         │   │                  │
│              │   │                  │   │ code00/09        │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```
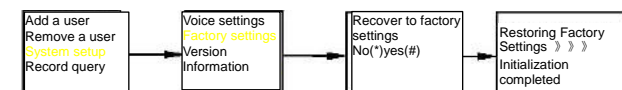
5.6 [Voice settings]
Voice settings are divided into [Turn on Voice] and [Turn Off Voice]. You can set them as required, or turn voice on and off through the voice key on the back cover plate. The specific operating flow is as follows

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add a user   │   │ Store status     │   │ Turn on voice    │   │ Voice is on      │
│ Remove a user│→  │ Voice settings   │→  │ Turn off voice   │→  │                  │
│ System setup │   │ Factory settings │   │                  │   │                  │
│ Record query │   │                  │   │                  │   │                  │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```

5.7 [Factory settings]
The factory setting function initializes the smart operating system, adjusts the cursor to [Factory Settings], and presses the [#] button to confirm, and presses the [*] key to cancel. The factory settings can also be restored by pressing on the back cover plate setting button for 5 seconds.

```
┌──────────────┐   ┌──────────────────┐   ┌──────────────────┐   ┌──────────────────┐
│ Add a user   │   │ Voice settings   │   │ Recover to       │   │ Restoring        │
│ Remove a user│→  │ Factory settings │→  │ factory settings │→  │ Factory          │
│ System setup │   │ Version          │   │ No(*)yes(#)      │   │ Settings 》》》   │
│ Record query │   │ Information      │   │                  │   │ Initialization   │
│              │   │                  │   │                  │   │ completed        │
└──────────────┘   └──────────────────┘   └──────────────────┘   └──────────────────┘
```

5.8 [Version information]:

Enter the settings until the version information, the screen displays the product number and version software.

6. Record query

After entering the management mode, select [Record Query] and press the [#] button to confirm. You can inquire about recent unlock records and display up to 200 records. The unlock user number, date and time will be displayed. Can [2], [8], button scroll up and scroll down to query records.

7. Networking settings [optional]

7.1 Product description:

The smart door lock is internally provided with a Zigbee communication module, and the smart door lock is connected to the family Zigbee through the module. The host realizes the information interconnection between the smart door lock and the mobile phone APP. Please refer to relevant instructions for adding mobile phone APP and Zigbee host.

7.2 Quick setup:

Add smart fingerprint lock: Open APP and log in. Click on Settings Management and then click on [+] in the upper right corner to select doors and windows and select smart locks (D-R series). Press the setting button on the door lock, enter the management account number to enter the system settings. Click on Connect and the door lock will enter the network searching state and if connection is completed, it will prompt that it is connected.

7.3 Basic use:

Enter the APP door lock page [View Records] and click on "Door Lock" on the APP to view the door opening and alarm records: [Remotely Read Door Lock Status] Click on Equipment Management on the APP interface, click on doors/windows, and then display the information of smart lock equipment.

7.3.1 When the remote unlock mode of the door lock is set to the convenient mode:

[Unlock Remotely by Mobile Phone APP] can communicate directly on host. When the mobile phone APP [Remotely Unlock by Password] is on, click on the icon in the APP door lock interface and enter the correct door lock password to unlock. When the mobile phone APP [Remotely Unlock by Password] is off, click on the unlock icon in the APP door lock interface to unlock directly.

7.3.2 When the remote unlock mode of the door lock is set to the energy-saving mode:

When the mobile phone APP [Remotely Unlock by Password] is on, click on the icon in the APP door lock interface and enter the correct door lock password to unlock. When the mobile phone APP [Remotely Unlock by Password] is off, click on the unlock icon in the APP door lock interface to unlock directly.

7.3.3 When the remote unlock mode of the door lock is set to close remote mode:

On the APP page of the mobile phone, functions such as remote unlocking, remote addition of users and remote users cannot be performed.

7.3.4 Under the condition that the door lock keeps communication with the host computer:

[Remote Add User] In the APP door lock interface, enter the number management, click on the upper right corner to add a user, and click on Save to complete;

[Remote Delete User] In the APP door lock interface, enter the number management. Long press the user needs to be deleted, and Click on OK to delete;

7.4 Introduction of functions

Complete the quick setup of the department and you can start a new intelligent life. [Key Management] Add electronic keys such as fingerprints, passwords, cards, etc. to the smart lock. The electronic keys can be named on APP. [Records of Door Opening] The information for each time is automatically pushed to APP, and you can always be aware of your family's access information. [Low Battery Reminder] When the battery of the smart lock is too low, APP will timely remind for battery replacement.

⚠ Safety precautions
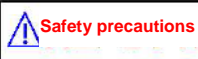
1、 Users are forbidden to install or repair this product arbitrarily.
2、 Do not close the door when registering for the first time.
3、 Please be careful with the admin password. It is recommended to change the admin password regularly to prevent password leakage.
4、 It is forbidden to operate this product when hands are wet and water, beverages and other liquids shall be prevented from entering the product, which may cause a short circuit of the circuit board.
5、 Do not use excessive force or sharp tools to press the electronic touch screen and fingerprint reader.
6、 Please make sure that the door is locked safely when you go out.
7、 It is forbidden to pull down or lift up the sliding cover excessively.
8、 When the batteries runs out, please replace them at the same time. It is forbidden to mix the old and new batteries.
9、 Please replace with the new battery in time when the product gives a low-voltage alarm.
10、 It is recommended to place the key outside the residence. In case of an emergency, the mechanical key can be used to unlock the door and the alarm will be triggered for one minute.
11、 It is suggested to turn on the safety button when going out, which means to turn on the cat's eye protection function. The opening state is shown in the following figure.

Normal state   Open state
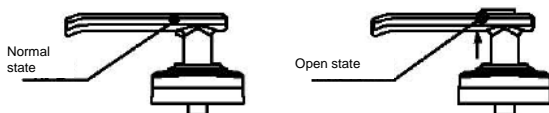
1.Unlock in the normal mode

In this mode, the user can unlock the door through any valid fingerprint or password registered before, and the specific steps are as follows: open the sliding cover or touch the screen to wake up the system and input any valid fingerprint or password registered. When the LED indicator light is green or the warning tone of "Vehicle Sound" is given, press down the handle to open the door.

Waking up the system   Password entry   Fingerprint entry   Press the handle
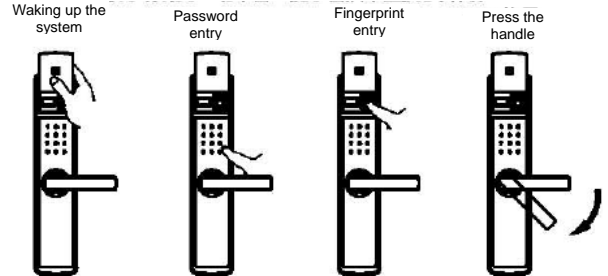
2.Unlock in double fingerprint mode

In this mode, you can unlock the door by any two previously registered fingerprints. The specific steps are as follows: open the sliding cover or touch the screen to wake up the system, first enter any fingerprint added before, and upon recognition, it will voice prompt "Please place the second finger" to record another fingerprint. When the LED indicator light is green or the warning tone of "Vehicle Sound" is given, press down the handle to open the door. When the LED indicator light is green or the warning tone of "Vehicle Sound" is given, press down the handle to open the door.

3. Fingerprint password mode unclocked

The specific steps are as follows: open the sliding cover or touch the screen to wake up the system, first enter any fingerprint added before, and upon a "beep", it will voice prompt "please enter the password" to enter the valid password added, and then press [#] button to confirm; or first enter the admin password, press [#] button to confirm, then it will voice prompt "Please place the finger" to record any non-temporary fingerprint added before.

4.Unlock by mechanical key

If the password is forgotten, the fingerprint cannot be identified, the battery runs out or the system cannot operate normally, etc., the mechanical key can be used for unlocking. Insert the assigned mechanical key into the lock hole at the bottom of the front cover plate and rotate 90°, then press down the handle to unlock the door (the mechanical key cannot open the oblique bolt and the main bolt, and the key must not be forced for unlocking to avoid damage). It is accompanied by a one-minute audible and visual alarm, which can be released by admin fingerprint.

5.Unlock by card

This function is an optional function. If the password is forgotten, the fingerprint cannot be identified, or the system is awakened, the door will be unlocked by swiping the added card on the touch screen.

6.Door lock

For outdoor lock, the door can be locked only by lifting the external handle, and for indoor lock, the door can be locked by lifting the internal handle. For indoor counter-lock, it can be locked by rotating the counter-lock knob, in which case only the administrator fingerprint or password can be used for unlocking.

⚠ Caution

1、 Only by the administrator account can the management mode be entered for performing appeal operations.
2、 Some in the above operations are with voice prompts and the LED indicator light will make corresponding judgment according to the results you set. During normal operations, the LED indicator light will be blue, after any operation is completed, the LED indicator light will be green, and after any operation fails, the LED indicator light will be red. In the mute mode, besides judging the operating results through the LED indicator light, it can also be judged through the prompt tone. "Vehicle tone" means the operation is completed and "beep" means the operation has failed.
3、 During normal use, when the battery is low, the system will give a low-voltage alarm and the LED red light will flash and prompt "Please replace the battery when the battery is low."
4、 For unlock by password, if entering the password incorrectly 5 times in a row, the system will be locked for one minute, and an alarm will be given with the LED red light flashing.
5、 The smart lock supports the functions of front virtual password and rear virtual password. As long as the input unlocking password contains a complete and valid password combination, the door can be unlocked, but the total number of digits of the input password cannot be greater than 20.
6、 For temporary passwords, temporary fingerprints and temporary cards, they will be automatically deleted after unlocking once, with no time setting.
7、 This smart lock does not allow repeated registration of saved passwords/fingerprints/card accounts.
8、 This smart lock is a green energy-saving product. After stopping operations for 12 seconds, the system will return to the sleep energy-saving state and touch the button to wake up the system.
9、 When the door lock is seriously deformed or broken by external force, the smart lock will send out an audible and visual alarm signal, which can not only deter criminals but also give users prompt in time.
10、 The smart lock can match different networking modules as required to realize networking functions.

VII | Main Technical Parameters

1、 Main technical parameters:

The main technical parameters of this smart lock are shown in the following table:

| No.	Category	Details	Technical features
1	Operating power	Operating voltage	4*1.5V AA Battery (5#)
		Battery life	≈6000 times
		Alarm voltage	≤4.8V
2	Power consumption	Quiescent current	≤70uA
		Dynamic current	≤200mA
		Peak current	≤300mA
		60	-30℃~60℃
		Relative temperature	20%-95%
3	Fingerprint collector	Fingerprint capacity	199 pcs
		Memory ability	100 years
		False Reject Rate	<0.1%
		False Accept Rate	<0.001%
		Acquisition angle	360°
		Fingerprint sensor	Semiconductor fingerprint sensor
4	Password	Password length	6-12 digit
		Password capacity	99 sets
5	Card	Card capacity	99 sets
6	Auxiliary function	Clock function	Time and date adjustment
		Unlock record	Best 200 unlock records
		Screen area	0.96 inch
7	LED display	Display content	Operating process and results
		Operating Temperature	-25℃~60℃
8	Zigbee smart module	Operating Temperature	-25℃~55℃
		Operating Temperature	0~99RH
9	Executive standards		GA 701-2007 GA 21556-2008

⚠ **Disclaimer**

We have done our best to ensure that the information provided in this manual is correct and reliable, however, we cannot fully guarantee that there will be no errors before and during printing. Please understand that sometimes, in order to improve the performance, reliability and installation convenience of components and systems, we may upgrade the products, which may lead to some inconsistencies between the actual products and the instructions, which however will not affect the actual operations. The functions described in this manual shall not be used as a reason for using this product for special purposes and the company shall not assume any responsibilities for accident or harm caused by user's wrong operation.

Thank you for your careful reading of this manual. If you encounter any problems in using this smart lock in the future, please contact your local dealer or our service hotline in time.

SMS132K
2018.12

UIOT®
Super Smart Lock
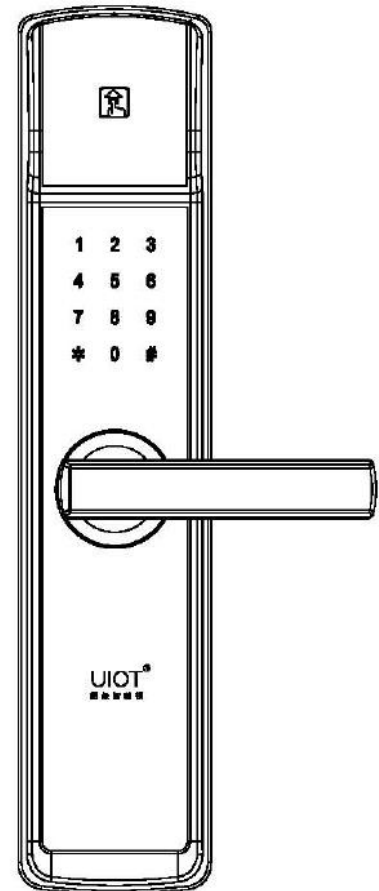
Product Operating Instruction

www.unisiot.com

Building B, E-Link World Internet of Things Industrial Park, Qingpu District, Shanghai