Smart lock cylinder

APP+Pass word+Swing Card+Magnetic Key

C001C

Part 1: Introduction to product parameters

Name: Smart lock cylinder

Model: C001A
Security level: top level
Adapt to door type: security door, wooden door, glass door
Adapt to the door thickness: 40mm----100mm
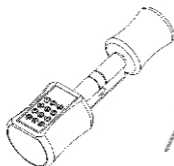Electrostatic protection: 15KV
Power input: 3.6--5V
Current: Operating current <135mA
Standby current <10uA
Working temperature: -20----70°C
Resistance to pressure: 100,000 times

Part 2: product composition

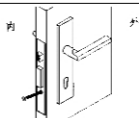| Intelligent lock cylinder | special tools | mechanical magnetic key | IC card |

## Part 3: Product Installation Instructions

3.1 Remove the original lock cylinder

1. Unscrew the old lock cylinder fixing screw with a tool. Remove the original mechanical lock cylinder (for upgrade), install the lock cylinder, front and rear panels, side panels (for new installation)
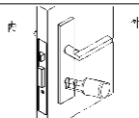
3.2 Remove the Intelligent lock cylinder and knob

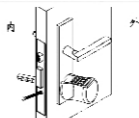1. Remove the Intelligent lock cylinder and knob
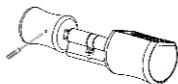
3.3 Installing the Intelligent lock cylinder

1. Install the Intelligent lock cylinder into the front panel. Adjust the position according to the lock cylinder fixing screw.
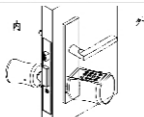
3.4. Install the lock

1. Install the lock cylinder fixing screw

**Part 3: Product Installation Instructions**

3.5 After installing knob.

1. Put back the knob; use a special tool to tighten the screws.
2. Use the back knob to test if the intelligent lock cylinder is installed correctly. Check if the knob is open normally.

3.6 Installing the battery

1. Take out the front knob pressure plate. Remove the battery cover with a special tool
2. Insert 3 "AAA" standard No: 7 batteries in the battery compartment. Pay attention to the positive and negative directions of the battery. The spring end is the negative pole.
3. Install the battery cover. Tighten the battery cover screw. Replace the front acrylic plate.
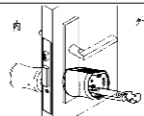
3.7 Test after installation is completed

1. Check that the door lock is securely mounted on the door. Check the back knob can open the door normally.
2. After the power is connected, the motor is reversed. At this time, the knob is idling before turning. Enter the initial password can be opened normally.
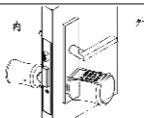
3.8 Use of emergency mechanical keys

1. Take the front acrylic plate out.
2. Insert the corresponding mechanical key. And turn 30 degrees clockwise. When turning the key. The front knob cannot be rotated.
3. Turn the front knob to open the door
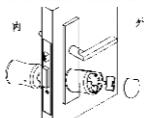
Smart lock instructions

1. Add a Bluetooth administrator

The administrator's door lock was not added, In the case where the backlight is off. Open the Lions housekeeper（TT LOCK） APP first. Click the + sign to add a lock. Select the appropriate lock. (If there is no lock available in the corresponding lock, please select the lock)，According to the prompt, the user uses the button to wake up the door lock, click Next, select the corresponding lock in the nearby lock, click the + sign, then name the door lock, click Next, the Bluetooth administrator adds successfully. (Adding an administrator requires the phone to turn on Bluetooth and location information)

1,Set the administrator password

The user selects Settings - Administrator Unlock Password - Password - enters 4-9 digits on the App and then confirms that the administrator password has been successfully modified.

2, add IC card

After the user select the "Add IC Card" function on the App. The mobile app prompts "Please swipe". After the user swipes the card and recognizes it, it prompts "Enter Successfully".

3, password to open the door

wakes up, the user enters the correct door open password and presses key

If the password verification is successful, the door lock displays a blue light and unlocks the lock.

If the password has expired, the door lock displays a red light. Unlocking failed.

If you enter the wrong password 5 times in a row. The system is locked and released after 5 minutes.

4, IC card to open the door

After the user swipe the card. if the IC card is recognized and is valid. The door lock displays a blue light and unlocks the lock.

If it has expired or is not in effect. Then the door lock shows a red light. Unlocking failed

If the IC card does not exist, the door lock displays a red light. Unlocking failed

5, Unlock

This door lock will automatically close the lock 5 seconds after the lock is unlocked.

6, modify the user to open the password

Permanent, time-limited or custom passwords obtained by the user can be used (password needs to be unlocked once)

Digital panel input 10 original password new password new password The new password takes effect.

7, low electricity reminder

When the power is low, the user touches the button to wake up the door lock. A red light indicates "The battery is low. Please replace the battery" and the red light on the screen backlight flashes rapidly for 1 second.

8, keyboard lock

When the number of input password errors reaches 5 times. The lock prompt "Illegal operation, the system is locked". Lock the password keyboard for 5 minutes at the same time. The backlight flashes once. Indicates that the current keyboard is locked.

While the keyboard is locked, the IC card and the App can open the door normally, and the password keyboard will be unlocked after the door is opened.

9. Delete the Bluetooth administrator.

Method 1: The user finds the corresponding lock on the side of the door lock. Enters the corresponding lock setting, and deletes the administrator key.

Method 2: The user presses the "Reset" button and sees the keyboard light flashing, enter "000" and press ♟ Key. The administrator deleted successfully.

Lions housekeeper（TT LOCK） APP operation method

Key management here refers to Bluetooth key management. After the administrator successfully added the lock. Will have the highest administrative rights to the lock. He can send keys to others. And specify the time limit, choose the limited time, permanent or single Bluetooth key permissions.

Increase the key management that is about to expire, that is, the expiration key reminder. Clicking on the key type will appear: time-limited key, permanent key and single-time; select "time-limited key", it will be valid within the specified time; select "permanent key", it will be permanent; select "single", then use single key once Automatically delete.

1.1 Single password function

The key sent from the housekeeper version can have the function of obtaining a single password.

1.2 Key Management

Administrators can manage all the keys they send out. This includes clearing the key, resetting the key, sending the key, adjusting the key expiration date, and viewing the unlocking record of the key.

1.3 key expiration reminder

For the key that is about to expire, it will expire in the lock user (yellow shows the remaining days) and expired reminder (red

script).

1.4 Querying the unlock record

The administrator can query the unlock record of each key.

2. Password management

Passwords are also a way to unlock them. After entering the password on the lock's keyboard. Press the unlock button in the lower right corner to unlock. Passwords are classified into permanent, time-limited, single-time, empty, loop, custom, etc., all dynamically generated by the server.

2.1 Permanent password

A permanent password refers to a password that has been available from now on. The password must be used within 24 hours of being generated, otherwise it will automatically expire.

2.2 Time-limited password

The time-limited password can be set to the expiration date, which is a minimum of one hour and a maximum of 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. After the time-limited password is valid, it will be used within 24 hours, otherwise it will automatically expire.

After entering the password on the lock, press the unlock button or # button in the lower right corner of the keyboard to unlock.

Password modification method: After inputting the original

password to unlock, input ⟲ 10 ⏻ old password ⏻ new password ⏻ new password ⏻ The new password takes effect.

2.3 Single password

A single password can only be used once and is valid for 6 hours.

2.4 Clear code

The clear code is used to delete all passwords used on the lock and is valid for 24 hours.

2.5 cycle password

The loop password can be reused within a specified time interval, with daily loops, weekday loops, weekend loops, and more.

2.6 Custom Password

The first few types of passwords are dynamically generated by the server. Custom passwords allow the user to enter the desired password and set the desired expiration date.

2.7 Sharing passwords

In addition to the commonly used WeChat, SMS and email sharing methods, Facebook Messenger and Whatsapp have also been added to facilitate foreign customers.

2.8 Viewing and Managing Passwords

All generated passwords can be viewed and managed in the password management module. This includes changing the password, deleting the password, resetting the password, and unlocking the password.

3. Card Management

Support for opening the door through various IC cards. Before an IC card is used to open the door, you need to add it first. The addition process needs to be done by the app next to the lock. The validity period of the IC can be set, either permanent or time-limited. After the setting is completed, you can also modify its validity period.

3.1 IC card query and management

All added IC cards are queried and managed through the IC card management module.

In the case of a gateway, the remote card issuance function is displayed. If there is no gateway, the item is hidden, and the NFC-enabled Android phone is supported.

4. Bluetooth unlock

The app can be unlocked via the mobile phone Bluetooth BLE. The premise of unlocking is the Bluetooth key that owns the lock. The administrator of the lock can send the Bluetooth key to anyone.

5.APP opens the door

The round button at the top of the page is the unlock button. When clicked, the app will try to unlock it. Since the Bluetooth signal has a certain coverage, if the lock is within this range, it can be unlocked.

6. System settings

In the system settings, including touch unlock switch, group management, gateway management, security settings, my reminders, transfer smart locks, etc.

6.1 Key Group Management Settings

Group management can group the keys in the account. In the case of a large number of keys, you can use group management.

6.2 Transferring Administrator Rights

The administrator can transfer the lock to other Lions housekeeper（TT LOCK） users. Only the account that manages the lock has the right to transfer the lock.

If you do not need to transfer, select the bottom right corner to move to the recycle bin. After filling in the account number, you will receive the verification code and fill it in correctly.

6.3 Intelligent customer service

When the user encounters a problem with the smart lock, he can consult and feedback through the intelligent customer service.

6.4 About

In the related, you can view the version number of the app, or you can view the app to download the QR code and share the download link to others via WeChat.

7. Gateway Management

The Lions housekeeper（TT LOCK） Smart Lock is directly connected via Bluetooth and is not connected to the Internet itself,

which is why it is not subject to cyber attacks.。 The gateway is an accessory for the Lions housekeeper（TT LOCK） 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 lock clock, and can read the unlock record of the password, IC, fingerprint, etc. in a timely manner. You can also delete and modify passwords remotely.

7.1 Adding a Gateway

Connect your phone to the wifi network that the gateway is connected to.

Click the + plus sign in the upper right corner and enter the wifi password and gateway name on the Add page. Click and enter the password of the App account for authentication.

Press and hold the setting button on the gateway for 5 seconds. The green light flashes to indicate that the gateway has entered the add-on mode.

7.2 How to use

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, it can be managed through the gateway.

8、supporting app

We offer the "Lion housekeeper" app to manage the door locks,

and the products can be used with gateways for direct networking. Open door records can be queried in real time. It can be remotely unlocked directly by APP, and a gateway can support locks within a radius of 15 meters.

Please download TT Lock app

After-sales warranty:

1, 7 days no reason to return: from the product sold within 7 days. The product can be selected unconditionally returned without affecting second times sale.

2, 15 days replacement period: 15 days from the sale of the product. The product can be exchanged for the same product without affecting the second times sale.

3. Within the validity period of the three guarantees. Warranty twice if there is a product that still does not work properly. With repair records and certification. The salesperson will exchange the same model or the same product or return the product for the consumer free of charge.

4, product warranty period is 1 year.

5, post-sale postage: during the warranty period, the cost of the product mailing is borne by each.

Not covered by the warranty:

1. Product damage due to improper operation or mistakes. After the test is true, the product maintenance personnel charge the corresponding cost according to the labor cost and the spare part cost.

2, Due to irresistible factors: lightning strikes (frontal attacks lead to equipment burned, deformed) flooding (long-term soaking water detected product damage).

3. Warrants who cannot provide valid orders, receipts, and invoice vouchers.

4. beyond the warranty period, and spare parts are required for irresistible damage to the product during the warranty period. A manual service fee plus spare parts fee is required.

Product after-sales warranty:

Product number:	
Serial number:	
Date of purchase:	
Customer Name:	
Customer phone number:	
contact address:	

Maintenance records			
Repair date	Causeof the malfunction	Repair content	Signature of maintenance personnel

Smart lock cylinder

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