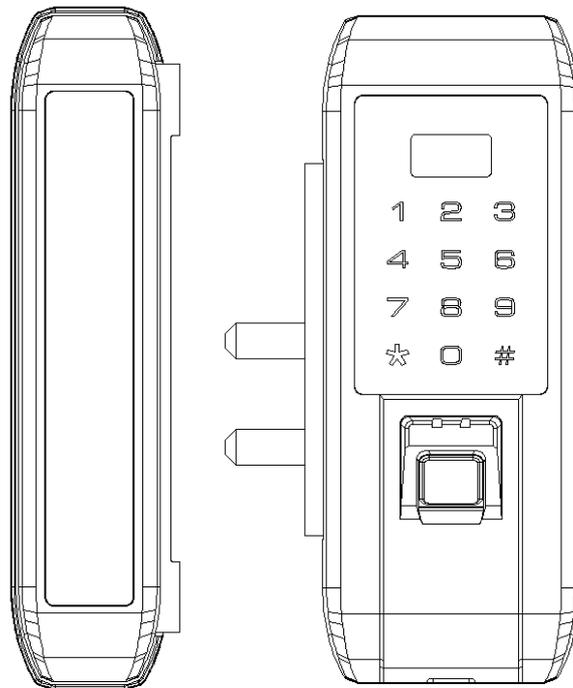


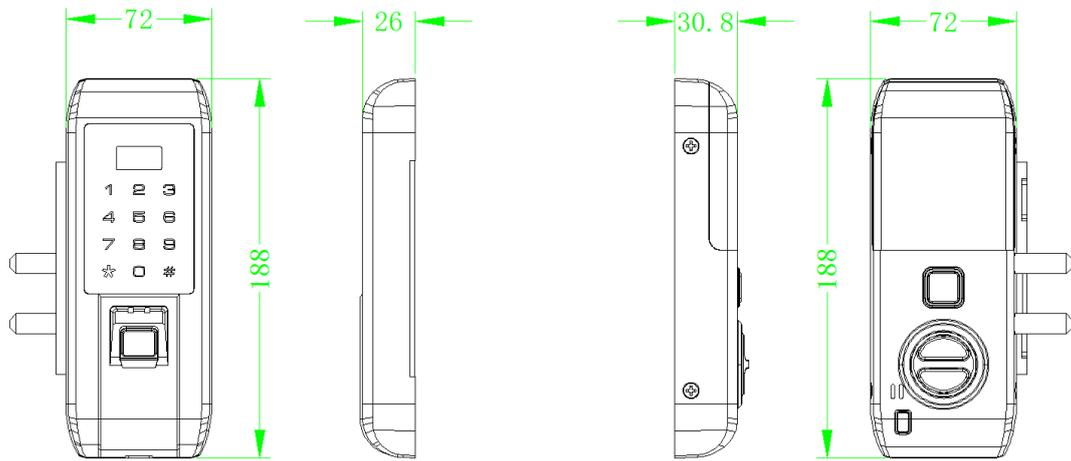
Glass door intelligent lock Operation manual



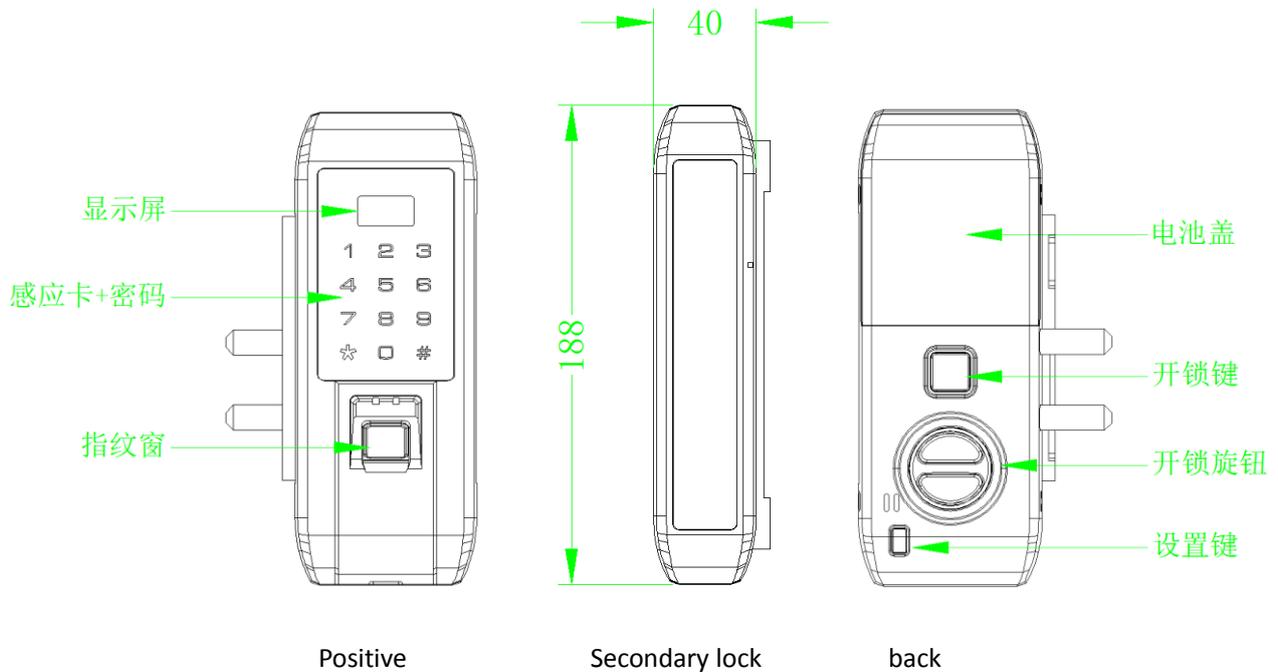
Please read the instructions carefully before using them and keep them properly.

Chapter 1. Product introduction

1. Glassdoor intelligent lock dimension diagram



Main front lock Secondary front lock Secondary rear lock Main rear lock



Positive

Secondary lock

back

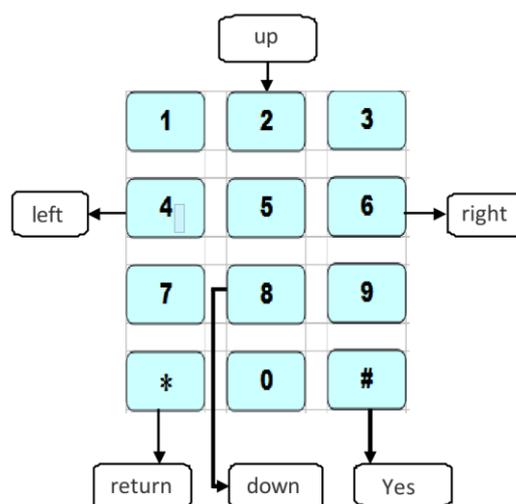
2. technical parameter

| | | |
|-------------------------|---|---|
| Working voltage | 4pcs*1.5V “AA” alkaline batteries | High quality |
| Fingerprint sensor type | Optical sensor | |
| Password keyboard | Capacitive touch keyboard | |
| Number of keys | 12 button (0~9, ensure, cancel) | |
| Password capacity | 300 groups | Password, card, fingerprint mixed capacity; Single password 300 groups; 299 single cards; 299 single fingerprints. |
| Language models | Chinese-English | Switch between Chinese and English |
| Quiescent current | $\leq 50\mu\text{A}$ | Without any working conditions |
| Dynamic current | $\leq 200\text{mA}$ | Screen display and fingerprint window light and button backlight LED light at the same time |
| Drive output | DC motor | Working voltage 3V~6V |
| Drive Capability | $\leq 500\text{mA}$ | The max current of drive output |
| Alarm voltage | $\leq 4.8\text{V}$ | Conform to the national standard (80% \pm 5%) |
| Working temperature | -25°C ~ +65°C | |
| Storage temperature | -40°C ~ +80°C | |
| Storage time | Over 10 years | |
| Working humidity | 5~95%RH (no condensation) | |
| Card model | Mf card、ID card, CPU card | |
| Display screen | OLED screen 0.96" | |
| Extension ports | Remote control module, WIFI module, Bluetooth module, Zigbee module, LoRa module, NB-IoT module, etc. | |
| Antistatic | Air discharge 15KV, Contact discharge 8KV | |
| Number of unlocks | 12800000 | |
| Unlocked record | 20000 | |

Chapter II. Introduction to Functions

1. Touch button

The touch button can be quickly and continuously slid, and the button light is turned off at the same time, and the button has a nine-square grid input method. When adding a user, you can in Chinese or English.

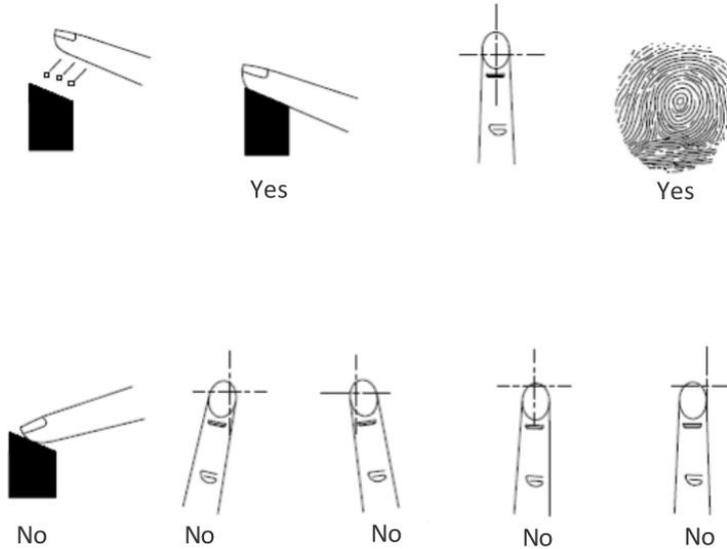


| button | Features | Description |
|---------|---------------------|--|
| “*” key | return | Enter the function submenu to return to the main menu, and the time setting menu long press to return to the main menu. |
| | delete | When entering a password operation, delete the input and press and hold to delete. |
| | drop out | Exit the menu operation when entering the function menu. |
| “#” key | select | There is a selection function in the system menu. |
| | confirm | There is a confirmation function when setting the submenu. |
| “2” key | Up button | In the user management, lock mode, rights management, lock information, unlocking records have a flip function, long press in the record menu to quickly flip through. |
| “8” key | Down button | In the user management, lock mode, rights management, lock information, unlock record has a flip function in the record menu long press fast flip. |
| “4” key | Left button | In the main menu, there is a left turn function, long press to quickly flip through. |
| “6” key | Right click | In the main menu, there is a right turn function, long press to quickly flip through. |
| “0” key | Switch input method | Switch between Chinese and English capitalization when registering new users. |

2. Proximity card

Swipe the card at 1cm in the card swipe area to support MF1, ID card, bank card, CPU card, etc.

3. fingerprint



Precautions:

When the fingerprint collection window light is on, please put your finger on the fingerprint collection window according to the above correct method. The door lock will automatically complete the fingerprint collection in about 1 second.

4. Function summary

| item | Function | Description |
|------|---------------------------------|--|
| 1 | Menu display | Using OLED0.96 display,hierarchical management menu displaymode |
| 2 | System Management | Press “0+#+Administrative Password” to enter the main menu bar system management interface. The initial state management secret defaults to 0123456789. |
| 3 | Key management | The key is managed by the user, and can store 6-10 digit passwords, fingerprints and cards mixed with 300 groups; 299 single fingerprints; 299 single cards. |
| 4 | APP dynamic password management | Five functions: single temporary password, periodic temporary password, network temporary password, time-based password, and time-based password management |
| 5 | User Management | User management is managed by the user. Administrators, owners, guests, children, babysitters, hourly workers, and temporary workers can set up 99 users. |

| | | |
|----|-----------------------|---|
| 6 | Safe mode | Single key, dual key, dual user mode unlocking is supported. |
| 7 | Normally open setting | Management Key Unlock Press “2, 8” to set the lock to the normally open mode; use the valid password or fingerprint to unlock the normally open setting. |
| 8 | system initialization | Press and hold the initialization button to restore the system factory settings or enter the management menu and select "Restore factory settings" initialization. |
| 9 | time setting | The system has time memory, which provides time basis for unlocking operation and can be adjusted according to current time. |
| 10 | Voice prompts | Different operations have voice navigation tips to adjust the volume. |
| 11 | Attack protection | The error key is input 5 times in succession, and the system automatically locks for 3 minutes. When the system enters the locked state, it cannot be unlocked at this time. |
| 12 | Low pressure alarm | When the battery is unlocked, there will be a voice prompt that the battery is dead. |
| 13 | Record query | A record of the most recent 2000 unlocking operations is available. |
| 14 | Power display | It has a battery display function that displays the current state battery value. |
| 15 | Virtual password | The unlock password can be freely entered within 30 digits to include the correct password to open the door; effectively prevent others from watching and stealing passwords. |
| 16 | Emergency opening | When the battery voltage is insufficient to drive the motor, the external power supply can be used to provide emergency opening or mechanical key to open the door. |
| 17 | Dual power supply | Support two power supplies at the same time. |
| 18 | Demo mode | For exhibitions, demonstrations, and any fingerprints can be unlocked. |

Chapter III. Operating Instructions

Enter the “Main Menu Bar” mode: touch the panel number keys to power on the system, directly enter “0#administrative password or management fingerprint#” to enter the main menu bar interface, the management password defaults to “0123456789” . If the password is forgotten, you can click the setting.

Press the button to restore the administrator password.

1.Menu navigation

| project name | first step | Second step | third step | the fourth step |
|-----------------|------------|------------------------|------------------|-----------------------------|
| User Management | New users | please enter user name | Edit password | Add password |
| | | | Edit fingerprint | Add fingerprint |
| | | | Edit card | New card |
| | Manager | Edit password | Add password | Please enter a new password |

| | | | | |
|--------------------------|---------------------|------------------------------------|--------------------------|---|
| | | Edit fingerprint | Add fingerprint | Please enter a new fingerprint |
| | | Edit card | New card | Please configure a new card |
| | User 01 | Edit password | Add password | Please enter a new password |
| | | | 001:33**22 | Whether to delete the current password |
| | User 02 | Edit fingerprint | Add fingerprint | Please enter a new fingerprint |
| | | | 002:0001 | Whether to delete the current fingerprint |
| | | Edit card | New card | Please configure a new card |
| | | | 003:0001 | Whether to delete the current card |
| | Delete current user | Whether to delete the current user | | |
| | Lock mode | Safe mode | Single verification mode | |
| Double key verification | | | | |
| Dual user authentication | | | | |
| language selection | | Chinese | | |
| | | English | | |
| dynamic password | | Single temporary password | | |
| | | Periodic temporary password | | |
| | | Network temporary password | | |
| | | Time-based password | | |
| Unlock record | | | | |
| Lock information | | | | |
| System settings | | Network Configuration | | |

| | | | | |
|--|----------------------|--|--|--|
| | Remote configuration | | | |
| | One-button unlock | | | |
| | Volume adjustment | | | |
| | time setting | | | |
| | reset | | | |

2. User Management

■ Administrator key setting

Enter the main menu bar interface, press “#” to enter “User Management”, select “Administrator”, press “#” to confirm entry, select “Edit Password”, “Edit Fingerprint” or “Edit Card”, press “#” [Key confirmation, then according to the screen prompts “Please configure password”, “Please configure fingerprint” or “Please configure card”, press “#” to confirm, press “*” to exit menu, if you want to enter multiple management keys, Repeat the above operation; the administrator has the highest authority, can not delete the administrator, but can change or delete the administrator's fingerprint and card, the management password is only 1 group, can not be deleted, the new password automatically overwrites the original password .

■ Delete management key

Enter the main menu interface, press “#” to enter “User Management”, select “Administrator”, press “#” to confirm, select “Edit Password”, “Edit Fingerprint” or “Edit Card”, press “#” Enter, select the set key, press “#” to confirm, the system prompts “Do you want to delete the current fingerprint” or “Do you want to delete the current card”, press “3” to confirm, press “*” to return to the menu, if you want to continue thinking Delete multiple keys and repeat the above operation. The management password is only 1 group and cannot be deleted.

■ Add user

When adding a new user, you can clear the serial number assigned by the system into Chinese or English that you need to input.

Go to the main menu interface, select “User Management”, press “#” to enter “User List”, select “Add User”, press “#” to confirm, the system prompts “Please enter user name”, edit user name, press Confirm with the “#” key.

■ Add user key

Enter the main menu bar interface, press “#” to enter “User Management”, select “Ordinary User”, press “#” to confirm entry, select “Edit Password”, “Edit Fingerprint” or “Edit Card”, press “#” [Key

confirmation, then according to the screen prompts “Please configure password”, “Please configure fingerprint” or “Please configure card”, press “#” to confirm, press “*” to exit menu, if you want to input multiple user keys, Repeat the above operation. ■Delete user key

Enter the main menu interface, press “#” to enter “User Management”, select “Ordinary User”, press “#” to confirm, select “Edit Password”, “Edit Fingerprint” or “Edit Card”, press “#” Enter, select the set key, press “#” to confirm, the system prompts "Do you want to delete the current password", "Do you want to delete the current fingerprint" or "Do you want to delete the current card", press "3" to confirm, press "*" Return to the menu, if you want to continue to delete multiple keys, repeat the above operation.

2.Lock mode

Lock mode function: including security mode, language selection, dynamic password three functions.

■Safe mode

Mainly for the unlocking mode of the door lock and the security level of the unlocking; enter the main menu interface, select "lock mode" in the main menu interface, press the "#" key to confirm the key to confirm, then the screen will display "single verification" Mode, double key verification, dual user authentication, finally select the unlocking verification mode of the door lock according to the actual use situation, press “#” to confirm, press “*” to exit.

■language settings

Enter the main menu interface, select “Lock Mode” in the main menu interface, press “#” to confirm, select “Language Selection” in the system setting interface, press “#” to confirm, then select the language to be used (Chinese, English) mode, press "#" to confirm, press "*" to return to the previous menu.

■dynamic password

Enter the main menu interface, select “Lock Mode” in the main menu interface, press “#” to confirm, select “Dynamic Password” in the system setting interface, the screen will display “Single Temporary Password, Periodic Temporary Password, Network Temporary Password, "Time aging password", select "single temporary password" in the dynamic password menu you want to enable, press "#" to confirm, and then set "single temporary password, periodic temporary password, network temporary password according to actual usage.", time period password", and finally press the "#" key to confirm, after completing the settings, press "*" to return.

4.Unlock record

In the main menu interface, select “Unlock Record”, press “#” to confirm the entry. After completing

the unlock record query, press “#” or “*” to exit, press “2” to view the previous one, press “8” to view Next, long press “2” or “8” to quickly read the record; unlock the record to save 20,000, the first is the latest record, the first one is automatically covered.

5.Lock information

Go to the main menu interface and select “Lock Information” to view the lock information. You can see the lock ID number, program version number and font version number on the display.

6.系统设置

■Network Configuration

In the main menu interface, select “System Settings” to enter “Network Configuration”, and select to enable the system to enter the network configuration command, which is used to connect to the network module.

■Remote management

In the main menu interface, select “System Settings” to enter “Remote Management” and select “Remote Pairing”. The system enters the 30-second configuration state, and the configuration command is sent remotely. The system prompts “Setup Successful” and the pairing is successful. The remote control setting “Unlock” and “Cancel Normally Open Mode”, the system can be configured with 5 remote controls, which can be deleted or added arbitrarily.

■One-button unlock

In the main menu interface, select “System Settings” to enter “One Button Unlock” .,

■Volume adjustment

In the main menu interface, select “System Settings” to select “Volume Adjustment”, then set the volume according to the environment requirements, press “Left button 4” to adjust the volume, press “Right button 8” to increase the volume and press “#” to confirm, the screen displays And voice prompt: “Setup is successful”, press “*” to return to the previous menu; the doorbell volume defaults to the maximum volume, and is not subject to volume adjustment.

■time setting

In the main menu interface, select “System Settings” to enter “Time Settings”, press “#” to enter, set the date and time, press “*” to backspace, long press “*” to exit time setting, press “#” Key confirmation, screen display and voice prompt: “Setup is successful”, the system will automatically return to the main menu; the system comes with a perpetual calendar, and the date and time setting is automatically recognized during the week.

■reset

Go to the main menu interface and select “System Settings” to enter “Restore Factory Settings”. Press “#” to confirm “Enter Factory Reset”, press “3” to confirm initialization, and press “1” to cancel initialization.

7.Demo mode setting

After the first use and system initialization, enter "2, 0, 1, 7, #", the system automatically enters the demo mode, enter any fingerprint to unlock, after the lock will display the prompt "demo mode, please modify the management password"; after initialization The system automatically exits the demo mode after changing the administrative password.

8.reset

The factory reset is divided into soft initialization and hard initialization.

The soft initialization is initiated by the administrator through the "factory reset" in the management menu; when the time period password management is enabled, the system initializes the administrator password and the dynamic password to set the reservation.

Hard initialization is initiated by the motherboard button or the back panel button. Hard initialization only restores the administrator password (the default password is 0123456789).

9.Normally open setting

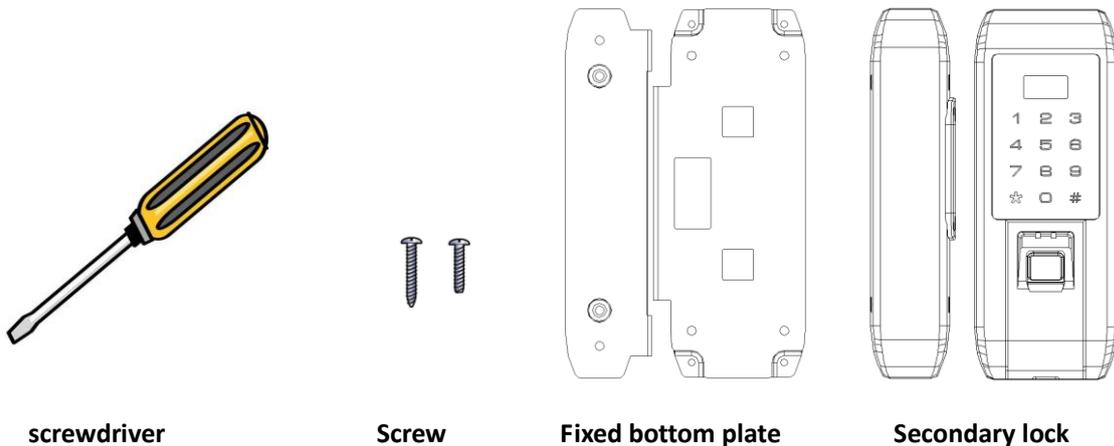
After entering the management key on the button panel to unlock, press the "2" and "8" keys to enter the normally open mode. The screen display and the voice broadcast "have entered the normally open mode" system to enter the sleep state; the effective key automatically unlocks after opening the lock. mode.

1.1.1

Chapter IV Installation and Commissioning

1.Installation steps

- Prepare a screwdriver before installation and auxiliary accessories (ground bolt) for double opening.

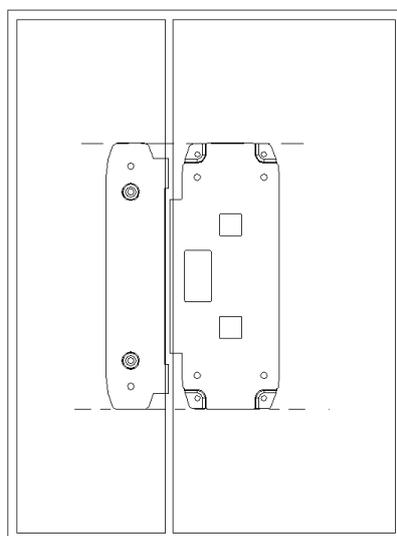


- Install the smart lock at the appropriate location and clean the surface at the same time (requires a smooth surface, no dust, water drops, etc.).

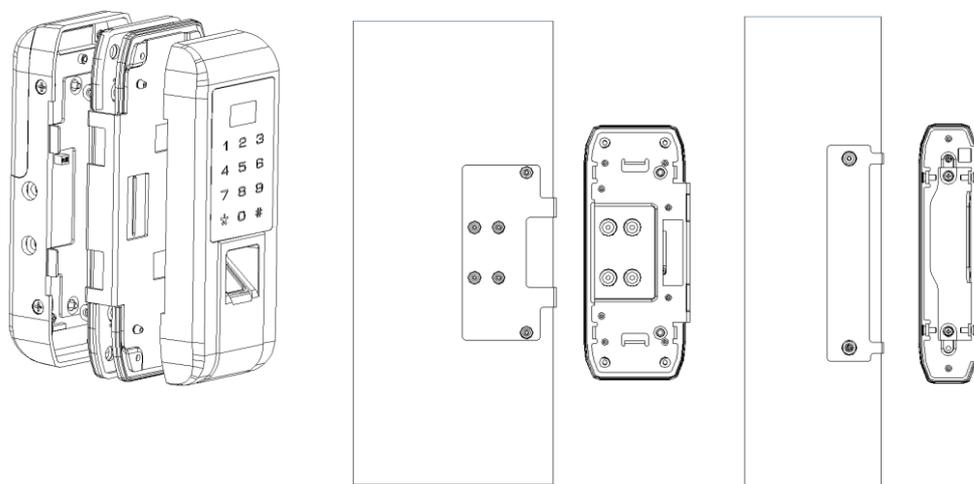
- Remove the fixed bottom plate, remove the double-sided adhesive protective paper, and affix the edge to the inside of the door.

Note: The position of the fixed lock base plate and the secondary lock fixed base plate must be

aligned. Before attaching the fixed bottom plate, you can mark the door first to prevent the deviation.



■ After the fixed bottom plate is aligned, close the screw on the side of the lock body and remove the rear panel. There is a cable connection between the front panel and the rear panel of the main lock, and the cable can be disassembled:



Note: When unscrewing the screw, hold the rear panel with your hand, and then remove the rear panel and then remove the rear panel.

■ First insert the silicone pad into the steel frame, clamp the glass door and the fixed bottom plate with the U-shaped groove of the lock steel frame, screw the screw, connect the cable, and finally replace the rear panel.

■ Install the battery test after installation

Test: After installing the battery, tap any key to wake up the smart lock if there is no reaction:

1. Please check if the cable is loose or falling off.
2. Contact the dealer for instructions or other after sales

3 common problems and solutions

| Serial number | common problem | Solution |
|---------------|---|--|
| 1 | Why can't the temporary password generated by the APP be unlocked? | <p>To unlock using the temporary password generated by the APP, you need to meet:</p> <p>1: the lock time is consistent with the current time; 2: Temporary password enable is on;</p> <p>The above conditions can be used to unlock the temporary password generated by the APP.</p> |
| 2 | Why can I enter the administrative password to unlock, but can't enter the management menu? | <p>The system has a virtual password function. As long as the last 30 digits of the entered password contain the correct password, the password can be unlocked.</p> <p>However, the management password used to enter the management menu does not have a dummy function. You must enter the complete management password to enter the management menu.</p> |
| 3 | Why is the original password 0123456789 unlocked after the original password 0123456789 is changed to 123456? | <p>The system has a dummy password function, which can be unlocked as long as the 30 digits entered with a consecutive correct password.</p> |
| 4 | | |
| 5 | | |
| 6 | | |