
Intelligent fingerprint lock for glass door

User Manual



Please read carefully ■ before installation. ■

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Preface

Thank you for choosing our special color screen intelligent lock Product for glass doors.

Color screen glass door lock is a series of high-tech products Launched by our company, which is safe and reliable multi-function Door lock with high-efficiency,energy-saving,sensitive operation, Convinient installation and intelligent management.The manual Describes installation, configuration,usage and related protocols

In order to help you use glass door intelligent products Correctly, please read carefully before installing and using the Product.

If you fail to follow the instructions of the product manual, Disassemble with force, or let non-company' s technician to Repair and change the product, the damage and property loss Caused by this product are irrelevant to our products.

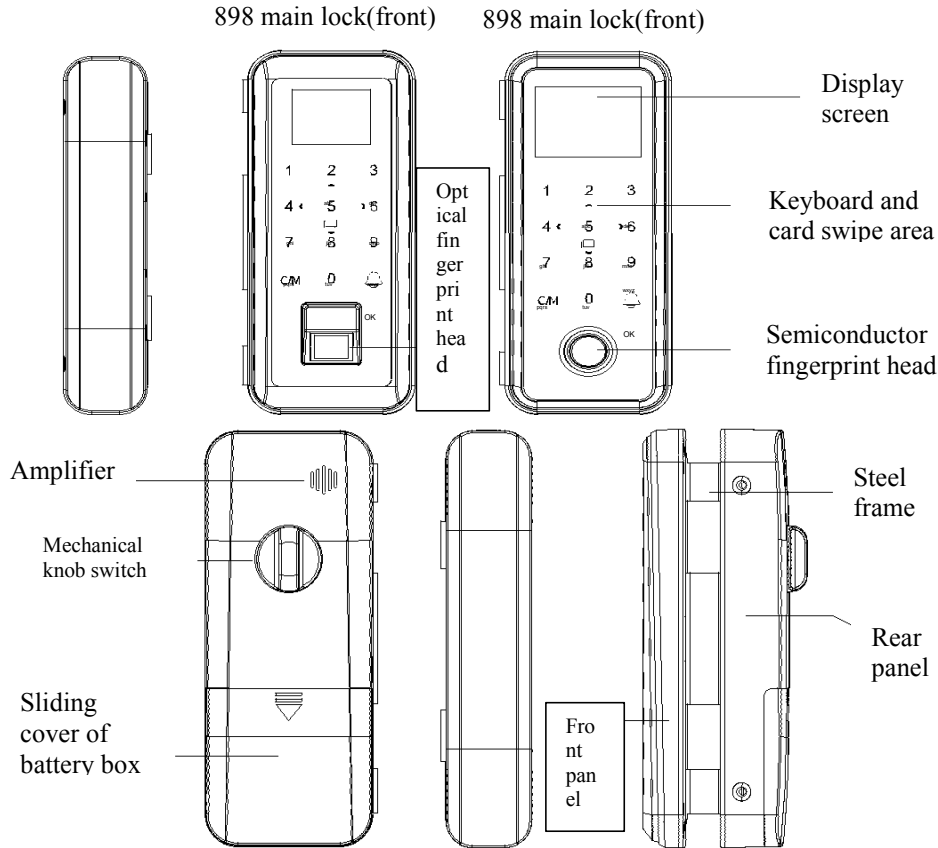
In order to give you better experience, we will optimize and Upgrade the related products.If there are some differences in information,please take actual parameters as the criterion.

If you find that actual situation in the use of this product is not consistent with this instruction,or you have other questions to Consult,you can directly feedback to our sales department,you are Welcome to provide valuable suggestions and intimate guidance.

We sincerely invite you to take an active part in (product user experience survey) and thank you for your strong support for our products.The book will give you a quick understanding of this product.

Product analysis

Schematic of lock body

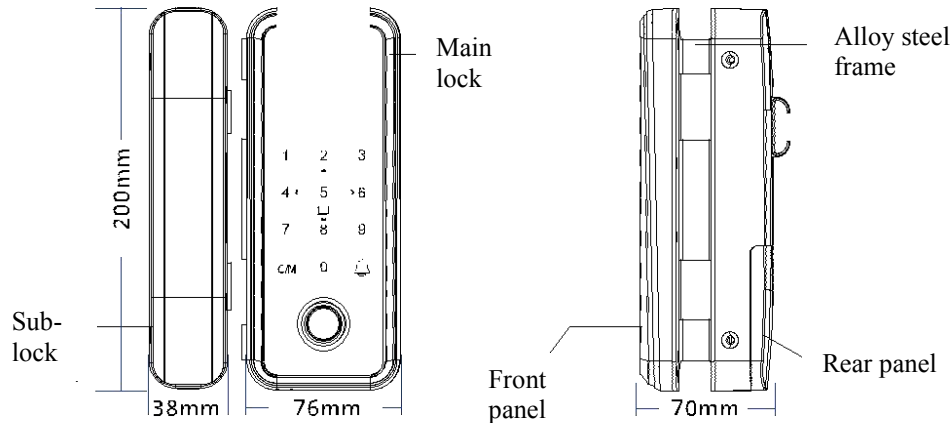


Note : rear panel 898&899 of main lock and auxiliary lock are universal , The details and parameters of two products are identical.

Product characteristics

1. Visual display operation of high-definition color screen.
2. A variety of unlocking options: fingerprint, password, card swipe and mobile APP, etc., and optional purchase of remote control.
3. One Card solution: Support a variety of contactless smart cards.
4. Low energy consumption: 4 pieces of 5 # alkaline dry batteries can work continuously for one year, and have low-power protection reminder function (can unlock for 200 times after prompting, please replace the battery urgently).
5. Virtual password design: When using the password to unlock, before and after entering the correct password, multiple false passwords can be added, and the lock can be unlocked by pressing the # key confirmation (for anti-peeping random code, infinite bits can be entered).
6. Human Language: Voice whole navigation, easy to operate.
7. Door bell function: Press the door bell (OK) key to wake up the bell.
8. Standby external power supply: Android mobile phone USB standard interface, battery depletion and other faults can be emergency power supply unlock.
9. Alarm Locking: The system will alarm and lock for 1 minute if the unlocking information is input incorrectly continuously.
10. Wide applicability: glass doors with and without frames, single and double open doors (Note: Double open doors, please insert auxiliary tools, etc.), both left and right open doors can be installed.

Technical parameters



- Note: The net weight of the product marked as disassemble part 1.3kg, outer packing size 265*145*180mm)
- Language support: Chinese and English systems
- Menu Display: Hierarchical Management Menu for HD TFT Display screen
- Unlocking mode: fingerprint, password, card swipe, remote control (optional), mobile APP
- Collector: Semiconductor acquisition module (898 is optical fingerprint meter)
- Read card type: CPU card, MF card, IC card, etc.
- Working voltage: 4 pieces of 1.5V alkaline batteries
- Working Current: Dynamic Power Consumption < 200 mA, Static Power Consumption < 55 A
- Operating temperature: -25°C~+65°C
- Working environment temperature: 5-95% RH (no condensation)
- Applicable door thickness: 10-12 mm
- Emergency Interface: USB (Interface Voltage DC5V)

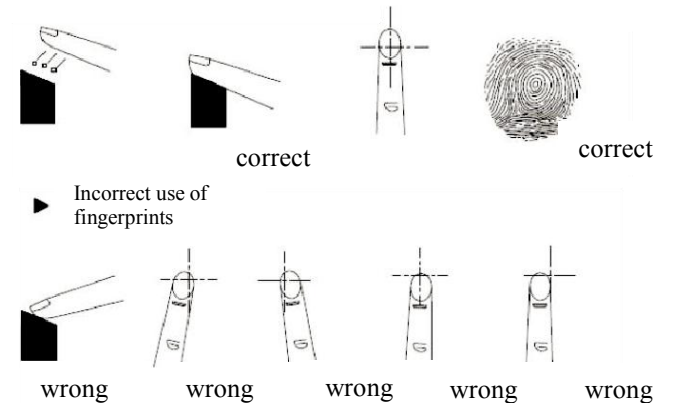
Function demonstration

Unlocking mode

Fingerprint unlocking



High precision fingerprint acquisition module is adopted. Imported DSP processing is fast identification, safe, fast and comfortable.



Password unlock



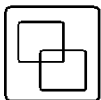
Intelligent anti-peeping password input recognition system.
 "False password"+ "true password"+ "false password"
 can intelligently identify unlocking.
 Example: The real password is "0123456789" “
 Actual input "111101234567891111" “
 Press "OK" to confirm that your password is correct
 when you finish typing.

Card swipe unlock



Strong compatibility
 magnetic card recognition

By taking the written magnetic strips close to close to the central area of the digital keyboard ,intelligent locks will automatically sense the information of the magnetic card. Normal, unlock (no response - the magnetic card is damaged or canceled).



Freedom to unlock remotely

Open APP, enter the password of administrator of

Equipment,temporary password can be generated.

Exemplification: (Take temporary password function as an example)

The valid time to generate temporary password "123456" is

8:00-8:05

Enter "123456" before 8:05-correct

Enter "123456" after 8:05-wrong

Remote unlocking (optional)



Quick, easy to open and close the door lock
Press both A and B buttons at the same time with paired remote control

Open the door by pressing A or B within the valid range (30m)

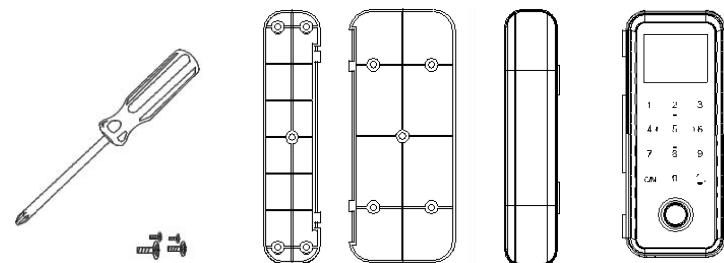
Matters needing attention:

1. Don't let liquid ingredients such as water and beverage infiltrate into the interior of the product. Don't clean the door lock with acid substance.
2. Please do not expose the door lock completely outdoors to avoid strong sunshine and rain erosion.
3. Do not scrape or hammer the lock with sharp objects.

Installation Management

Installation steps

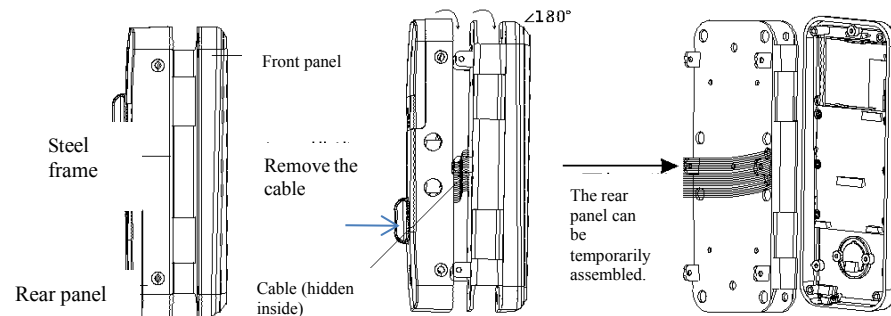
Prepare a screwdriver before installation. Double doors need accessory parts (ground insertion).



Screw driver Screw Fix flitch Sub-lock Main lock

Choose the suitable installation position of intelligent lock, and clean the surface of the position (requiring flat surface, dustless, water-free, etc.)

When the actual installation direction does not correspond to the default direction of the product (the product defaults to open right, and this step can be skipped when it corresponds to your installation direction), it is necessary to turn the lock body steel frame and the rear panel to $\lt; 180^\circ$ degrees.

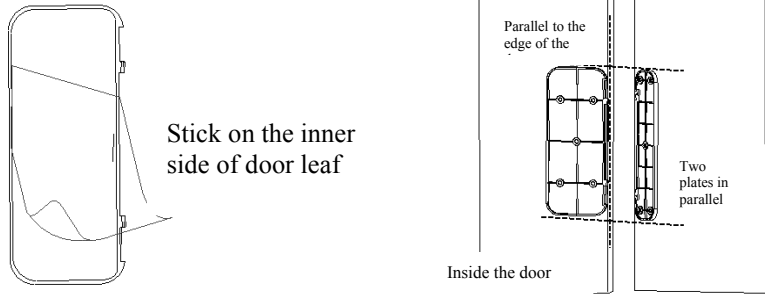


Post-order operation

Note: When unscrewing the back plate screw, pay attention to the connection arrangement, first remove the connection between the row and the back plate, and then proceed to the sequential operation.

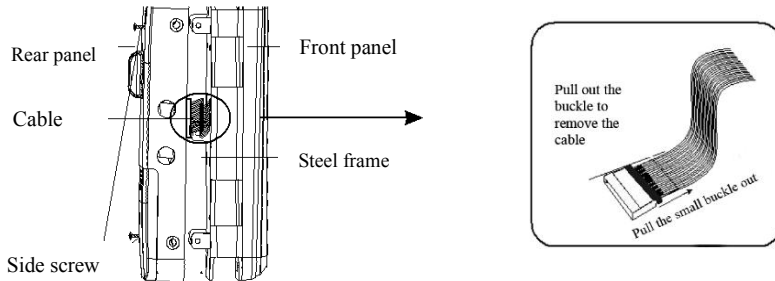
Remove the fixing plate, remove the protective paper, and stick it on the inside of the door leaf with the edge.

Note: The position of the main and sub-lock flitches must be right. You can mark on the door leaf before sticking the flitch.



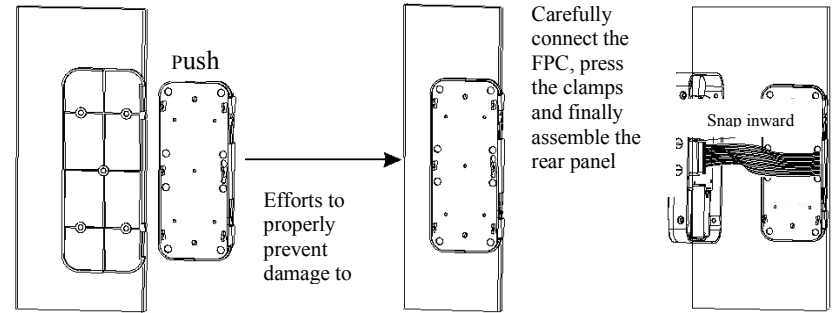
After the flitch is aligned, the lock body is going to be installed. First, the screw on the side of the lock body is unscrewed and the back plate is removed.

The front panel of the main lock is connected with the rear panel by FPC, which can be disassembled.



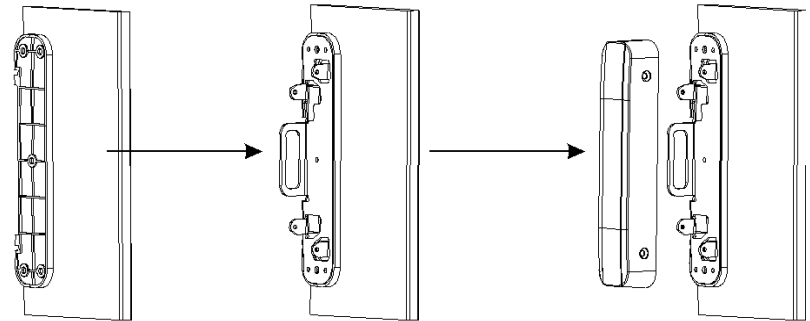
Note: When unscrewing the screw, hold the back panel by hand, and then remove the back panel after removing the FPC. The door leaf and flitch are clamped with U-shaped clamping slot of steel frame, screwed up, connected with FPC, and finally loaded back to the rear panel.

Note: Align screw hole, the screw should be screwed properly to prevent excessive force from damaging the door panel, carefully connect the FPC, press the clamp buckle, and finally assemble the rear panel and tighten the screw.

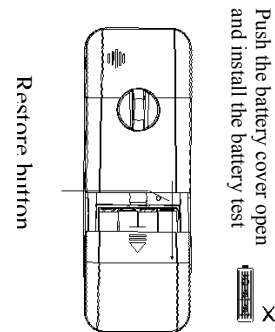


The auxiliary lock is installed in the same way, referring to the following figure:

Note: golden finger of FPC aligns to the whole slot



Completed installation and test after battery is installed:



Test: After installing the battery, touch the screen button (press any key to wake up) to see if there is a reflection, if not:

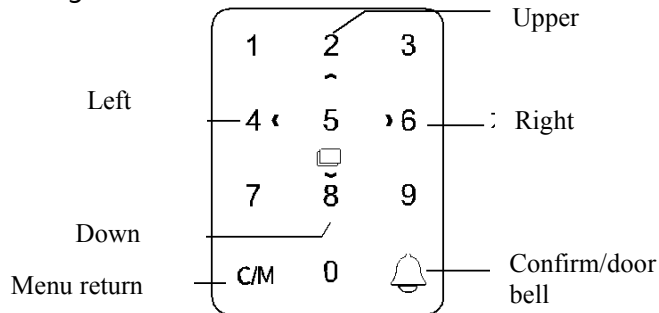
1. Please open the battery cover and check the battery (A determines that the battery is electrified; B battery "+"-"whether it corresponds; C battery is loose or offset).
2. Please open the rear panel of the main lock to check the FPC (A FPC is loosened or fell off; B FPC wrong direction; C whether both ends of the golden finger of FPC is damaged or not).
3. Please apply to the sales department for professional personnel to arrange for installation and other after-sales.

After the test is completed, the comfort experience of this intelligent lock product can be opened.

System administrator

The device management user is 1000 groups (fingerprint is decided based on module capacity), fingerprint and password, card, can be registered and there is no initial ex-factory management password, it is recommended to add administrator user first and then ordinary user.

Operational guidelines :



Delete Administrator/Restore Factory Settings :

This device has no initial management user password. After pressing the "C/M" key for about 3 seconds, it automatically enters the main menu, and the "System Settings" and "Restore the factory settings" are determined. If the administrator user can not access the main menu, you can also open the battery back cover, hold and press through special tools (such as office pins) and other items (see? Page to restore factory settings)

System main menu :

Touch the key board to wake up the system and press the "C/M" key to enter the main menu of the system. The main functions are as follows.:

New Administrator - Enter User Name - Fingerprint Registration / Password Registration / Card Registration ;



New users - input user name - fingerprint registration / password registration / card registration. (

Special note: If there is no registrar, the system is prohibited to register ordinary users.

User Management

User - Select the user that needs to be deleted by up/down key and press "ok" to delete.

Modify Users - Select users who need to be modified by pressing the up/down key and press the "ok" key to enter. You can re-edit your name/fingerprint/password/card or redistribute your permissions.

System setting

Time setting—year/month/day , hour/minute/second

Volume setting—0—4 grade optional (default 3 grade)

Lock delay—3—15 seconds optional (default 3 seconds)

Combination validation-on/off, after opening this function, it must be more than two kinds of validation before unlocking. This function is suitable for use in scenarios with higher security level.

For example, first press the fingerprint.

Card wake-up-on/off, in order to ensure the balance between experience and standby time, the battery time will be shortened when this function is turned on, so it is strongly recommended to turn off.

Language—Chinese/English

Restore factory mode - press OK key to complete factory initialization.

Information inquiry :

Display information about the current system, e.g. open-door information, used space, firmware version

Hardware detection :

Test whether the hardware of the equipment is working properly. For example: testing motor drive mechanism, gate magnetic state, etc.

Operational details

For the first time to use the product, the setting of restoring the factory settings can be found, or restore the system with the restore button.

Press the "C/M" key to log in to the system management. Please set the administrator password immediately.

Set the current time (default is system creation time, not factory time)

Function details

System management	Press the "C/M" key for about 3 seconds before entering the main interface of the system.
Remote App	Install wechat small program
Password management	Total input is 1000 groups.
Card management	Total input is 1000 groups
Administrator	Support 1000 groups of users (including ordinary users)
Common user	Support 1000 groups of users (including ordinary users)
Safe mode	When you need more security, choose any combination of two users to unlock.
Normally opening setting	When the lock is closed, the validation succeeds.Press the OK key.
Safeguard	Enter the wrong password for five times continuously and system is locked for one minute.
Battery monitor	The upper right corner shows the battery level, voice reminder at low power.
Emergency power supply	DCSV External Power Supply (Similar to Android Mobile Data Line)
Language navigation	Chinese and English bilingual,whole voice navigation.

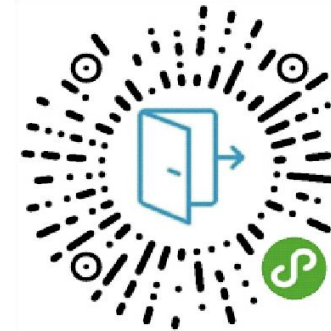
Configuration List: Official Standard (Main Lock + Sublock + Installation Sticker Plate + Screw Pack + Smart Card * 2 + Instructions + Packaging Box): Select Accessories (Side Bar (Single-page Door, Installed in Door Frame, Remote Controller).

Troubleshooting

Unable to read fingerprint	1. Dry, wrinkled or damaged skin. 2. The collection is not clean. 3. Damage of fingerprint scratch or other	1. Reset a clear fingerprint 2. Clean the surface with dust-free cloth 3. Contact Sales Department for Maintenance and After-sales application.
Can not lock automatically.	1. The main lock and the secondary lock are not even. 2. Open the normal open mode.	1. Calibrate the door page so that the lock tongue is aligned with the hole position. 2. Cancel the normal opening and press "*" key
None of the functions responds.	1. Battery depletion 2. Others cannot be distinguished	1. Use emergency power supply to replace batteries in time Apply for after-sale

Operational guidelines

1. Real-time remote control and download QR codes



2. Usage of software :



3.Dynamic password management

The following settings can be performed on APP: :

Time limit : Enter administrator' s password and click on Generated password as shown below.

Temporary password

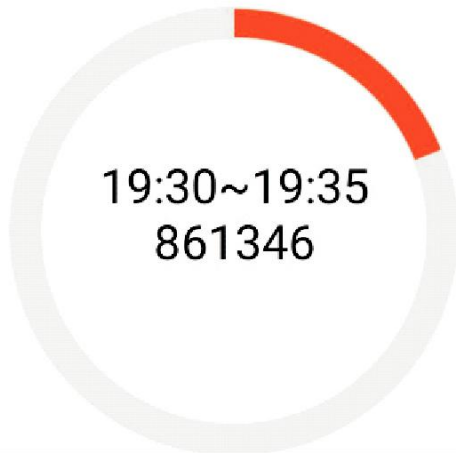


Generate password

生成密码

Copy password

Share password



Product name		Model number		User name	
User address (place of receipt) :				Tel:	
Procurement date		After-sales item (√) maintenance <input type="checkbox"/> returned <input type="checkbox"/> replace (model number)			
After-sales reason:					
Sales company (Unit/Individual person) :				Guarantee period	
Voucher type		Voucher number		Tel:	
Please fill in this book carefully. It will take effect only after the sales company has stamped it.					

Respected Users:

Thank you for using our Intelligent Lock product. Since you bought this product, you will protect your rights and interests in accordance with the Consumer Rights Protection Law of the People's Republic of China. At the same time, you will provide free maintenance and self-cultivation maintenance within one year.

The following conditions are not covered by the warranty:

1. Over the warranty period.
2. Non-original products of our company.
3. Failure to follow the instructions, resulting in damage.
4. Maintenance or disassembly by unauthorized units.
5. Damage, erosion and damage caused by man-made or Force Majeure.

The incomplete matters are in conflict with the laws and regulations of the state, and the legal rules shall prevail.

Product User Experience Survey

Company (Unit)		The nature of company	
Name of filler		Contact Tel	
Address:		E-mail box	
Subject: Product User Experience Survey OBJECTIVE: To provide guidance suggestions and directions for the company's product line development planning according to the actual market demand.			
1. Are you satisfied with the layout, appearance requirements and keyboard design of our company's existing products?			
2. Are you satisfied with the design of voice broadcasting mode and signal reception of our existing products?			
3. What are the features and functions of the products you most expect?			
4. Other suggestions:			

1. Scan QR codes with mobile Wechat and install small program.

2. Enter the administrator's password of the lock to produce the temporary password immediately.

