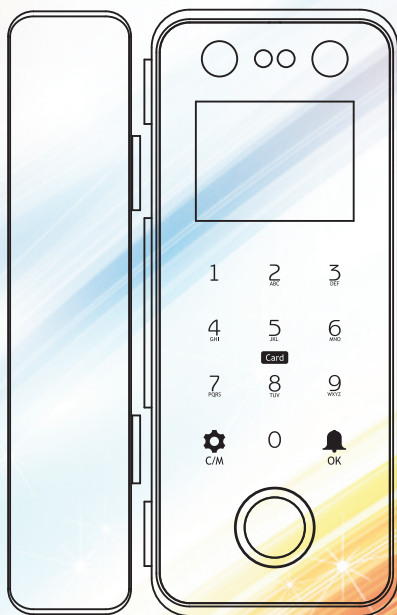


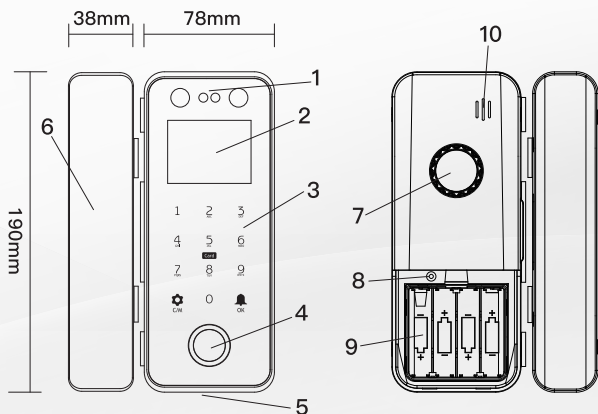
# Instruction Manual

## Face ID glass door lock



Enjoy your technolog office

# Functional structure diagram



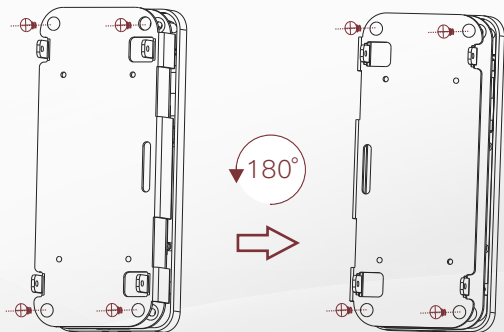
- 1、Camera & infrared lamp
- 2、Display
- 3、Operation keyboard & swipe card area
- 4、Fingerprint head
- 5、Emergency power interface & restart key

- 6、Secondary lock
- 7、Switch lock manual knob
- 8、Restore factory key
- 9、Battery box
- 10、Horn hole

## Key Operation Guide

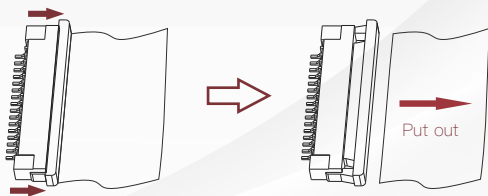


## How to adjust the direction



- 1、 Remove the screws on both sides of the main lock, remove the rear housing, and then remove the four front housing fixing screws;
- 2、 Separate the U-shaped bracket and the front shell, rotate the bracket 180 and install it back;
- 3、 When the back shell is installed back, it also rotates 180 degrees to complete the left-right exchange.

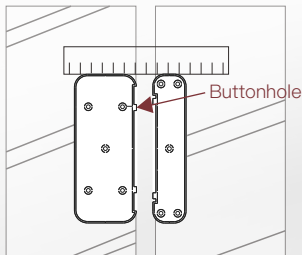
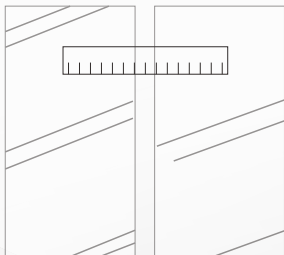
## Cable's assemble and disassemble



- 1、 When removing the cable, gently pull out the lock to the right with both fingers, and then pull out the cable
- 2、 When replacing the cable, insert the cable first, and then push the lock slightly to the left.

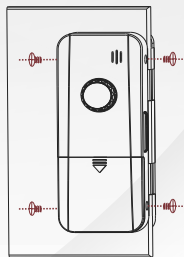
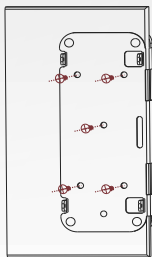
**Note: Gently pull and push to prevent the lock from breaking**

# Installation: frameless glass doors



- 1 Clean the surface of the glass and stick a horizontal positioning card inside the door

- 2 Tear off the mounting board tape and attach it to the card position



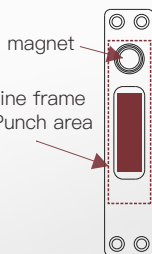
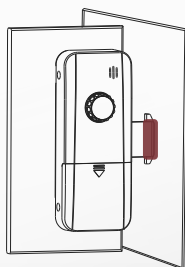
- 3 The main lock removes the rear housing and wiring, pushes in from the side, and unscrews screws (same as the secondary lock)

- 4 Connect the wire and return the rear housing of the main lock, and screw 4 screws on both sides (same as the secondary lock)

## Note:

- 1、 Be sure to use a horizontal positioning plate to align the main and secondary locks, and the door seams shall not be less than 4 mm;
- 2、 The thickness of the glass is 10–12mm, which needs to be customized

## Installation: single-glass door

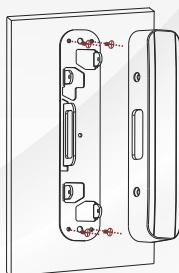
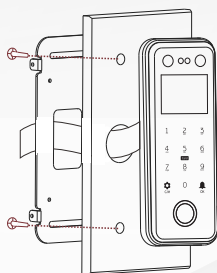


The dotted line frame is the safe Punch area

- 1 Press the previous page install the main lock, close the door and mark the lock tongue position

- 2 The wall is perforated with a side bar; note that the magnet orientation should be consistent with the main lock knob (shown above)

## Installation: Framed glass doors



- 1 The main lock is perforated according to the size, the front panel passes through the stud and wire, the front plate

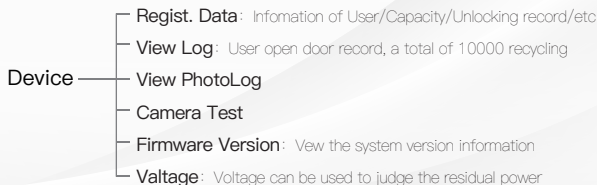
- 2 The auxiliary lock is directly fixed on the metal plate with self tapping screws or rivets, and then installed on the rear housing. Note: the secondary lock has only the rear housing

# System function diagram

Activating the panel, press the setting key  to enter the system setting



**Security** — **Master PWD:** Set or modify system administrator password



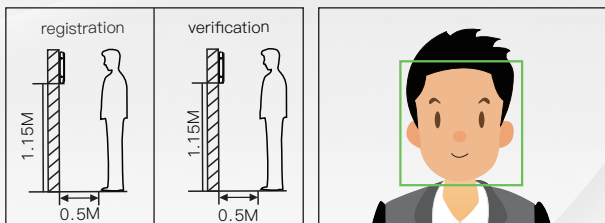
## For the first time

★**Setting administrator password:** The first time you use the device, you must set the administrator password. Press any key to wake up the LCD screen, press the prompt to register the administrator password.

★**System settings:** Press any key to wake up the LCD screen, press the C/M key, enter the administrator password, and press the ok key to enter the system menu, add or change user information and system parameters.

## Face ID registration&verification

★**Registered face:** the distance between you and the device is about 0.5 meters (height range 1.55 m–1.85 m); during registration, try to display the face in the center of the screen. Adjust your posture according to the device's voice prompt to achieve the best results until the progress bar is completed and the registration is successful.



★**Verification face:** press any key to wake up the LCD screen, verify the relative position of the device as far as possible consistent with the registration, the face is displayed in the center of the screen, green box appears to indicate the successful face capture, such as registered face, The system automatically unlocks and prompts the lock (depending on ambient light intensity, LCD display automatically switches to color or black and white).

## Vein ID registration&verification

★**Registration Vein:** palm flat, five fingers separate, palm is facing the display screen and keep parallel to the equipment, adjust the distance properly so that the palm part is just in the green box, until the progress bar is completed, the registration is successful.

★**Verification Vein:** press any key to wake up the screen, palm flat, five fingers separate, is on the display screen, and as far as possible parallel to the identification interface can be verified.



## Fingerprint registration&verification

★ **Registration fingerprint:** the input should be repeated three times, according to the prompt, the left, middle and right sides of a single finger fingerprint are placed in the center of the fingerprint head, and each time the fingerprint is placed, the lamp ring red is the identification error, and the green is the identification success.

★ **Verification fingerprint:** directly press the finger fingerprint in the center of the fingerprint head to verify.

## Scramble PIN Code

Anti-peeping password recognition system, support up to 16 bits of virtual password (real password 6–8 bits). If the actual password is 88888, you can enter "123458888854321 ok" to verify the unlock

## Normally open mode

The normal mode of the device is closed by default. When you need to open the normal mode, just press any key to activate the panel, and then press 9 OK to open the normal mode (cancel the automatic lock function). Press 0 OK to close the open mode (restore automatic lock).

## Temporary PWD of wechat applet

1、enter the system management interface, select "system settings–remote password", set remote password, this password is only used to generate temporary password, can not be used to verify the unlock ;

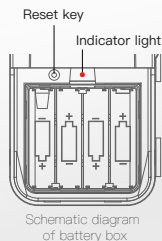
2、through" system settings–time settings "to set the date and time of the intelligent lock, so that it is consistent with the current date and time (error within 1 minute);

3、open WeChat–small program, search XLOCK, enter the Mini Programs according to the prompt input device remote password and valid period, you can generate a temporary password, the temporary password can only be used once in the set time, And no other temporary password can be used during the set valid period.

**Note:** you can also use WeChat to scan the QR code under system Settings–Small QR Code to open WeChat Mini Program.

## Add the remote control

As shown in the figure on the right, open the battery cover, press and hold the reset key with a toothpick or other slender object. When the red indicator light starts to flash, the remote control presses the indicator light, and the pairing is successful.



## Restore to factory state

As shown in the figure on the right, open the battery cover and press the reset key with a toothpick for more than 5 seconds. The display will prompt whether to clear the administrator. Press OK to confirm.

## Technical Parameter

**Shell material:** aluminum alloy / CNC + surface oxidation process

**Panel material:** IML injection molding

**Unlocking mode:** face / palmprint / fingerprint / password / swipe card / temporary password of small program / remote control (optional)

**Fingerprint type:** semiconductor fingerprint sensor

**Recognition speed:** 0.5s

**Recognition error:**  $\leq 0.0001\%$

**User capacity:** 200

**User data:** 1 face / palmprint / password / card, 3 fingerprints

**Remote control capacity:** 36 (optional for remote control)

**Display:** 2.4-inch TFT color screen

**Working temperature:**  $-25^{\circ}\text{C} \sim 65^{\circ}\text{C}$

**Working humidity:** 5 ~ 95% RH (no condensation)

**Working power supply:** 4 1.5V 5 AA alkaline dry batteries

**Emergency power supply:** Micro USB ( Micro-usb interface )

**Power current:** static  $\leq 55\text{ua}$ , dynamic  $\leq 480\text{ma}$

**Scope of application:** 8–12mm frameless glass door (door seam size 4–15mm)  
30–120mm framed glass door / wooden door

# Fault analysis and solution

Fault content	Fault analysis	Terms of settlement
Unable to verify fingerprint	<ol style="list-style-type: none"> <li>1. The skin is dry, wrinkled or damaged.</li> <li>2. The collecting surface is not clean.</li> <li>3. The fingerprint head is scratched or damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. reset a finger with a clear fingerprint.</li> <li>2. clean the surface with a dust-free cloth</li> <li>3. contact sales staff to apply for after-sale maintenance</li> </ol>
Unable to verify palm vein and face recognition	<ol style="list-style-type: none"> <li>1. The skin is dry, wrinkled or damaged.</li> <li>2. The collecting surface is not clean.</li> <li>3. The fingerprint head is scratched or damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. face and palm in the center of the display screen, verify with the direction of registration</li> <li>2. clean the surface with dustless cloth</li> <li>3. contact sales staff to apply for after-sale maintenance</li> </ol>
Shut down immediately after the power is insufficient	Low battery voltage	Use emergency power supply and replace batteries in time
No response to functions	<ol style="list-style-type: none"> <li>1. battery runs out</li> <li>2. Electronic damage</li> </ol>	<ol style="list-style-type: none"> <li>1. Use the emergency power supply and replace the battery in time.</li> <li>2. Contact the sales personnel to apply for after-sales maintenance</li> </ol>
The tongue won't come out	<ol style="list-style-type: none"> <li>1. no electricity</li> <li>2. foreign body stuck lock tongue</li> <li>3. mechanical failure</li> </ol>	<ol style="list-style-type: none"> <li>1. use emergency power supply, replace battery</li> <li>2. remove foreign body</li> <li>3. contact sales person to apply for after-sale maintenance</li> </ol>
Can not lock automatically	<ol style="list-style-type: none"> <li>1. main lock and secondary lock are not flush</li> <li>2. single door with edge strip is not magnetic induction</li> </ol>	<ol style="list-style-type: none"> <li>1. calibrating the glass door so that the double doors are level</li> <li>2. rotate the side bars 180 degrees and reinstall</li> </ol>