



# EZ LOCK

User Guide for Highest

Fingerprint Lock

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## Important Tips

1. Fingerprint lock is a kind of hi-technical product, and its normal operation and life span are directly influenced by the installation. Therefore, we kindly suggested you to call in a professional to install it. Please open pores, supporting pits, buckle and buckle pores according to the indication of opening pore in the door plank. Pores should be opened accurately and the lock should be installed according to the indication strictly. If the lock cannot be opened (smoothly) after installation, please contact with the local distributors or our after-sales department to solve the problem.
2. If your house is sprucing up, it is suggested to uninstall the lock after you exanimate the locks and to reinstall them after the sprucing up. The aims are: 1. To avoid the lock appearance being damaged by corrosives, and the wet paint on the door will influence the gearing of the lock. 2. Ethyl alcohol, paint and other chemicals will be used when we sprucing up the house, which will be volatized to accelerate to damage the lock appearance and shorten its life span.
3. Before installation, please switch on all of the connecting wire and load the batteries, and then press the initialized button to initialize the lock and restore factory defaults.
4. When installing the lock, please do take the mechanical keys with you so as to unlock it if the door is close before you finish the installation.

## Registration Form of Users

For convenience, we make this form for administrator to record information of user registration. You can also make you form according to your specific requirements.

No.	Department	Name	Fingerprint No.	Date of registration	signature	Remarks

# 1 Introduction of the fingerprint lock

## 1.1 Features



### 1.1.1 Brief Introduction

Features: Material is 304 stainless steel, Delicate appearance design, Reasonable structure, Secure fingerprint lock.

Applications: Indoor wooden doors, interior steel doors.

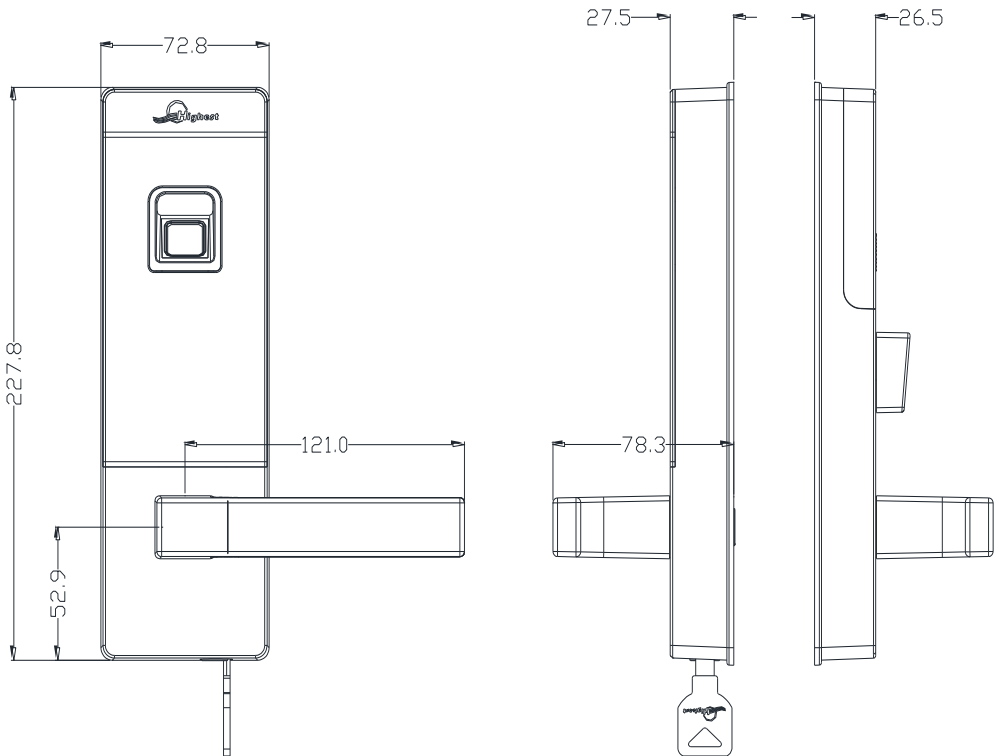
### 1.1.2 Introduction of functions

Adopting the international advance biotechnology to ensure its high quality; 4 AA batteries; handles can prevent the wreaking havoc;

Unlocking methods:

- Fingerprint;
- Card
- Mechanical key.

## 1.2 Dimensions



## 1.3 Technical data

No.	Items	Technical parameters
1	Sensor resolution	Bright background, 500dpi
2	Sensor damage resistance ability	1000 times of impact with 4H pencil
3	Starting time	<1 second
4	Way of contrast	1: N
5	False rejection rate	≤1%
6	Error rate	≤0.0001%
7	Finger point	360°
8	Fingerprint registration module	Create one fingerprint module at one time

9	Fingerprint update mode	Auto update
10	Fingerprint information	The fingerprint information will not lose when the battery is off or changed
11	Fingerprint capacity	100 Pieces
12	Lights interfere	Avoid explosion under high light
13	Fingerprint collector	Hard glass, nanometer surface treatment
14	Static Power Consumption	< 30 u A
15	Dynamic Power Consumption	The working current is under 200 mA
16	Control system	Dicaryon dual circuit and individual control
17	The fingerprint battery life	Open door for 5000 times
18	Working voltage	DC 6 V
19	Power supply mode	Battery powered
20	backup power	DC 9 V
21	Low voltage alarm	4.9 V
22	Antistatic ability	Contact discharge 8KV, air discharge 15KV
23	Working temperature	-10°C to 55°C
24	Working humidity	10% to 90%
25	Storage temperature	-20°C to 7 0°C
26	Door open method	Left open, right open

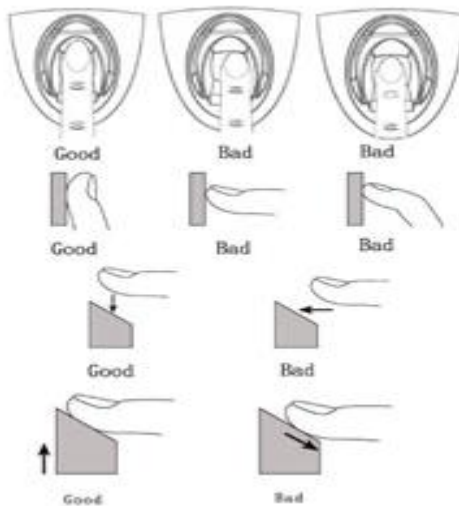
(Remark: We emphasize the technology updating, we keep the right to notice you if parameters are changed)

## 2 Operation

### 2.1 Ways to put the finger

**Remarks: please notice to put your finger in the right position**

Please put your finger on the fingerprint acquisition windows with moderate force and keep flat because the central of the fingerprint contents most of the information. Compare the right and wrong way of putting finger as below:



### 2.2 Operating instructions

#### Unlocking Methods:

1. **Fingerprint:** open the slide cover and put your finger on the fingerprint reader. When you hear the music, the door will be opened. The fingerprint capacity is 100 pieces.
2. **Card:** keep the opening card close to the card reader, when you hear the music, the door will open. The card capacity is 100 pieces.



### 3. Mechanical keys.

#### Operation Instructions:

1. **Initialization:** press 5times the switch of initialization on the circuit board and hear the voice prompt of “di-di” and blue led will be flash. The initialization will be finished. At this moment there is not any effective cards or fingerprints and the management password is 123456.
2. Configuration management card: after initialization ,the blue led flash(7-10 second) and hold the card to the card reader till you hear “di-,di----”.
3. Configuration management fingerprint: after initialization ,the blue led flash(7-10 second) and put your finger on the fingerprint scanner till you hear “di-,di----”. Or put the management card on the card reader and hear “di- di—“ and put your finger on the fingerprint scanner till you hear “di-,di----”
4. **Adding an unlocking card:** put management card on the card reader, and hear “di-di-“ , then put the new card on the card reader, and hear (di-----) (Adding cards continuously is available)
5. **Adding an unlocking fingerprint: put management card on the card reader or put management fingerprint on the fingerprint scanner,(di-di-), put your fingerprint on the fingerprint scanner.** (Adding fingerprint continuously is available)
6. **Deleting an unlocking card and fingerprint:** put the management card on the card reader 5 times will be delete all of fingerprint including the management fingerprint and all of card. Only management card can use. **Or can do Initialization will be delete all of cards and fingerprint.**

## 2.3 Alarming Function

### Low voltage alarm

If the battery is in low power, whenever you open the door by fingerprint or card, the lock will alarm with the voice prompt of “ di---di di di ”.

Music: card or fingerprint ok, door open.

Dididididi 5times: card rejected.

Di---didididi: fingerprint rejected.

Di---didididididi: fingerprint scan failed.

## **2.4 Backup power**

When the batteries is totally out of power and mechanical keys are not available at the same time, please connect the 9V layer-built battery to the power interface under the front lock body to power the combination, and then put in password to open it.

## **2.5 Installing / replacing batteries**

### **2.5.1 Installing batteries**

Unscrew the battery cover, slide it upwards, take it away, and put in 8 pieces AA batteries of 1.5V voltage. Then put the cover back and screw it.

### **2.5.2 Replacing batteries**

- A. Using the battery of wrong model will cause explosions.
- B. Please use Carbon zinc / Alkaline manganese dioxide battery of brands only.
- C. Please follow the local environmental laws to handle the waste batteries.
- D. If handled improperly, the waste batteries may cause explosions. Please do not charged or decompose the waste batteries or put them into fire.
- E. Please do follow the manual to use batteries.
- F. Please install the batteries by correct positive and negative pole following the instruction directions.
- G. Please put the batteries in the places that children and pets cannot reach.
- H. If the lock is not used for a long time, please take off the batteries.
- I. Do not use the new batteries with the old ones together.
- J. If your skin or clothes touch the liquor of the batteries, please flush with water immediately. If your eyes touch it, immediate water flushing is necessary and then go to a doctor.

## 3 After-sale Service

### 3.1 Remarks about after-sale service

**3.1.1** Five-year warranty service since the date of purchasing.

**3.1.2** Cases as below are not covered by the warranty and we will charge the fee when repairing the lock.

(1) Products are beyond the maintenance deadline or purchased through irregular way.

(2) Damages caused by improper operation, dissembling the cover, man-made sabotage or other force majeure.

(3) Locks repaired in unassigned maintenance stations.



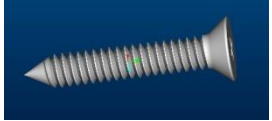
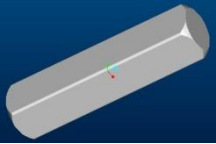
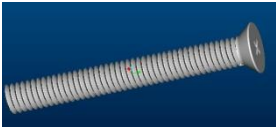

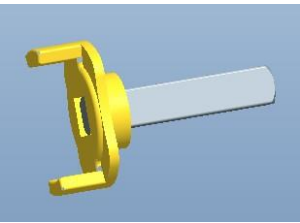
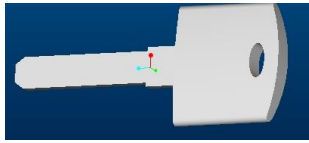
**3.1.3** Life-long maintenance. Maintenance after five year will be charged.

### 3.2 Packing List

No.	Items	Quantity
01	Front lock case	1 set
02	Back lock case	1 set
03	Lock mortise	1 set
04	Strike plate	1 piece
05	Strike box	1 piece
06	Cross Recessed Oval Countersunk Head Screws (adaptation)	4 piece
07	Square shaft: 8x8xL(adaptation)	1 piece
08	Screws to fix mortise and strike box (adaptation)	4 piece
09	Mechanical Key	1 set
10	User manual of fingerprint lock	1 piece

11	Mold for opening pores of fingerprint lock	1 piece
12	QC test label (General)	1 piece
13	warranty card	1 piece
14	Certificate of Approval	1 piece

### 3.3 Accessories

		
Strike box	Strike plate	Screws: PA4.0X25
		
Square shaft of handle	Bolts: OM8.0XM5XL	Square shaft for lock-out
		
Shifting fork	Mechanical keys: 2pieces	Card:2pcs (only can choice 1type)