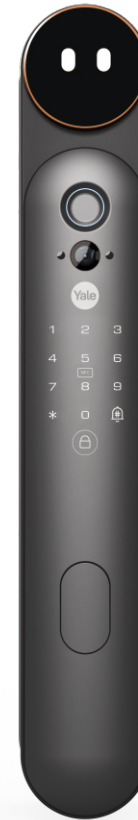




## Smart Lock User Manual



YF7228AI

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## User Instructions

Total number of users: 300. Each user ID corresponds to one user. Users numbered 001-009 are management users, and users numbered 010-300 are regular unlocking users. The system has 100 facial and palm vein recognition entries, 50 fingerprint entries, 100 password entries, and 100 cards.

User Type	Unlocking Method	Quantity	Permissions	Number
Administrator	Face, Palmprint, Fingerprint, Card, Password	9	Unlock Management	001 ~ 009
Regular User	Face, Palmprint, Fingerprint, Card, Password	241	Unlock	010 ~ 300



### Note

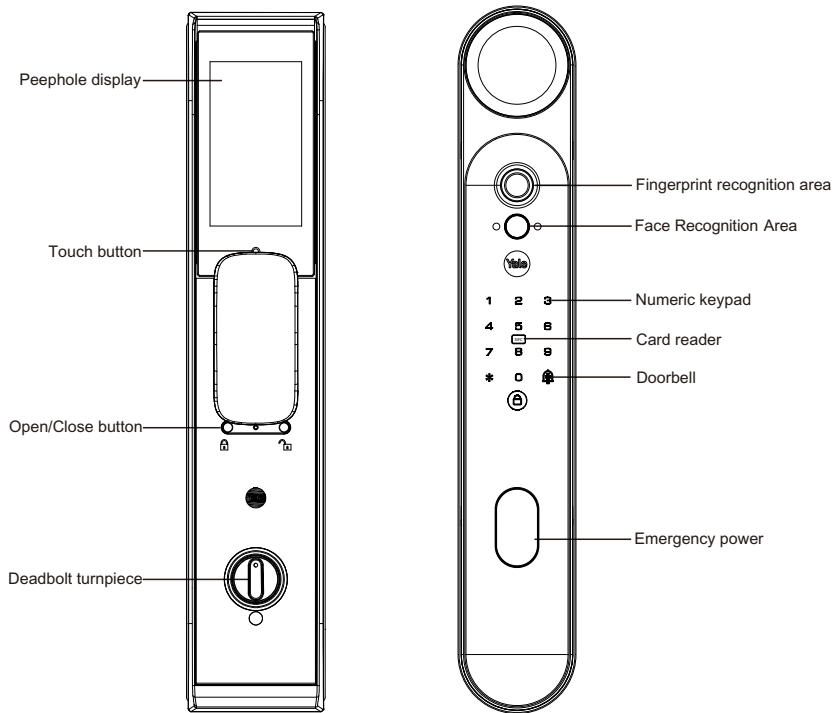
After entering administrator information, the password "123456" will be automatically deleted.

Combination Unlock: Fingerprint + Password + Card Password + Card.  
Number Usage: The same number can only be used once.

### Technical parameters

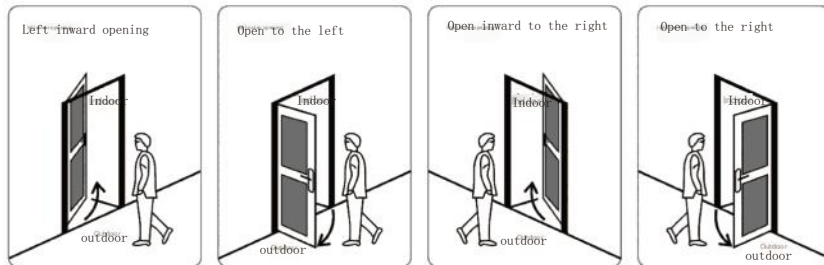
Category	Content	Design Specifications
Door Lock Condition	Opening Method	Face, Palm Vein, Fingerprint, Password Card, Mechanical Key
	Storage Capacity	300 Groups (9 Administrator Groups, 291 Ordinary User Groups)
	Fingerprint Sensor	Semiconductor
	Keyboard Backlight	Independent LED
Password	Password Length	6 ~ 9
	Password Input	Anti-peeping
Fingerprint	Fingerprint Module False Acceptance Rate	< 0.0001%
	Fingerprint module false rejection rate	< 0.01%
	Fingerprint recognition speed	< 1s
Electrical characteristics	Operating Power Supply	6.9-8.0V
	Standby Power Consumption	≤ 70μA (Without remote module) ≤ 150μA (with remote module)
	Stalled Rotor	< 500mA
Operating Environment	Operating Temperature	-25°C ~ 70°C
	Operating Humidity	20 ~ 93%RH

## Smart Lock Diagram



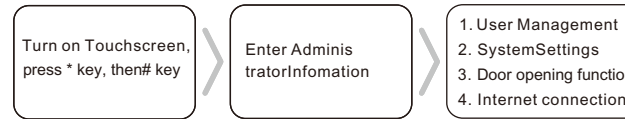
\* The images in this manual are for reference only. Please refer to the actual product for details.

### Door opening direction diagram



## Door Lock Operation Instructions

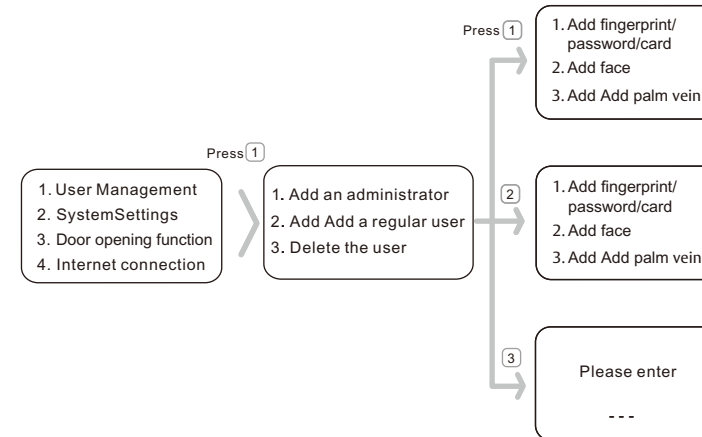
### 1. Enter Management Menu



### 2. Menu Operation Instructions

1. Each menu interface has voice prompts.
2. Press the corresponding data and then press # key to enter the specified sub-menu.
3. Pressing only the # key will replay the current menu.
4. Press the \* key to return to the previous menu.

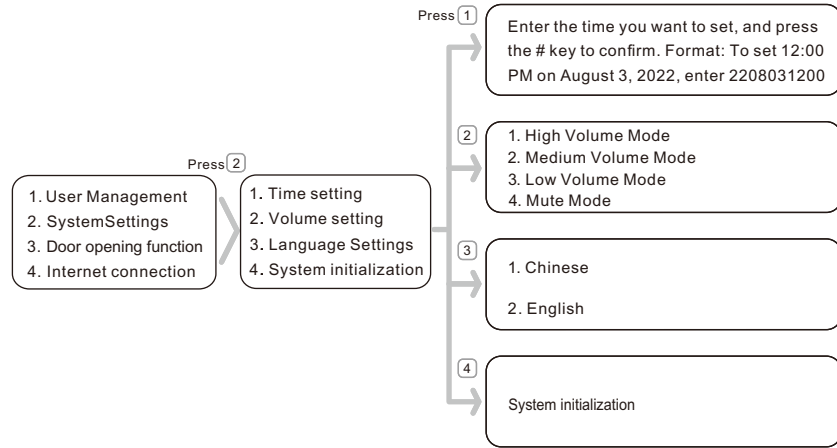
### 3. Register/delete user



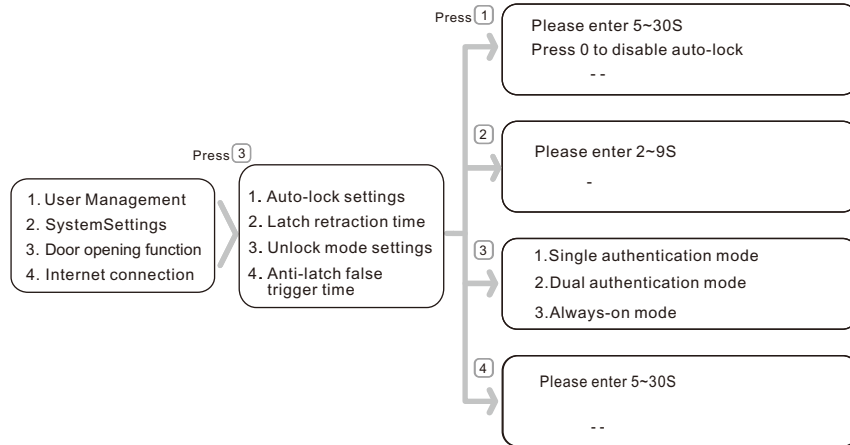
#### Note

At least one administrator must be entered before a regular user can be entered; the currently logged-in administrator cannot delete their own number; It is recommended that administrator information not include all fingerprints, all passwords, or all cards.

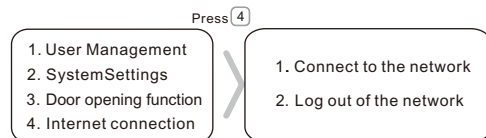
## 4. System Settings



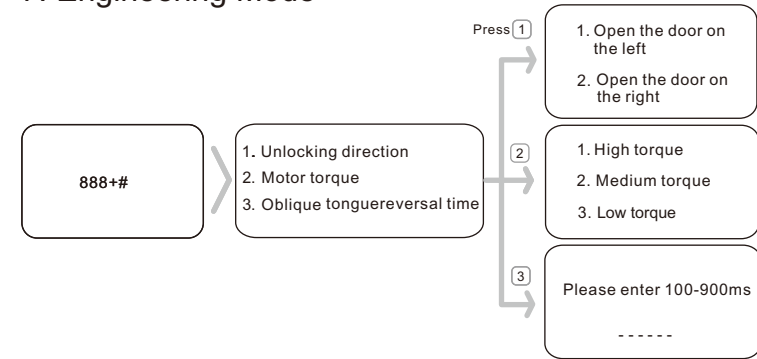
## 5. Door opening function



## 6. Connect to the Internet



## 7. Engineering Mode



## 8. shortcut key

Query version number: 666#

Staying alarm prompt sound: 310 #+Verification administrator

Anti pry detection: 302 #+verification administrator

human body induction prompt sound: 311 #+Verification administrator

Facial feature: 303 #+verification administrator

Stay alarm function: 304 #+verification administrator

Human body sensing function: 305#+verification administrator

- 1. Low Sensitivity
- 2. High Sensitivity
- 3. Turn Off Human Body Sensor

## 9. Other Functions

- 1) Factory reset: can be operated on the system menu, or long press the switch lock button at the same time to reset. The system prompts to restore initialization. Second confirmation: used to delete all user information and disconnect from the network.
- 2) Wake up: The door lock can be awakened by any key or fingerprint on the touch panel, and the facial radar can be awakened by motion sensing.
- 3) Low voltage alarm: Real time power detection and display every time the door is opened. When the power is below 10-20%, it will be provided to the user.
- 4) Input error alarm: After 5 consecutive verification errors, the system enters a 3-minute lock state, during which the system does not respond to any operations. It can be quickly restored to normal by re powering on.
- 5) Alarm: When the system detects disassembly, it will trigger an alarm, which can be resolved by verifying unlocking or re powering on. After each alarm, it needs to be re powered on before triggering again.
- 6) Password peeping function: When opening the door with a password, some irrelevant codes can be added before and after the correct password, For example: XXX Password XXX, then press Key confirmation, The correct password must be included in the input content.
- 7) Exit: If there is no action taken after 15 seconds of each operation, the system will automatically exit.

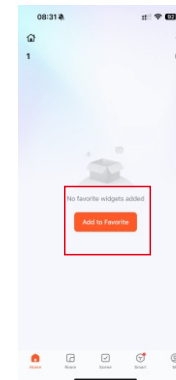
## AI voice command words

When the lock board is not in sleep mode, after waking up "Xiao Lei Tong Xue", you will hear its response: (I'm here). Then speak the corresponding voice commands to continue talking with Xiao Lei Tong Xue and perform the corresponding operations. (Only Mandarin is supported.)

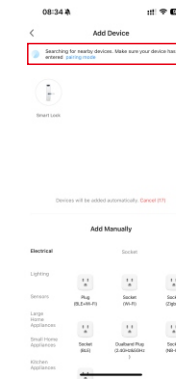
Add Password	Initialization
Add Face	Turn up the volume
Add New Card	Lower the volume
Add fingerprint	Mute
Add palm vein	Turn on the sound
Add administrator	Turn on recognition sound
Add a regular user	Turn off recognition prompt sound
Remove Administrator	Turn on the human body sensor
Delete Regular User	Turn off human body sensing
Delete password	Turn on the radar
Delete face	Turn off the radar
Delete Card	Turn on dwell detection
Delete fingerprint	Turn off idle detection
Remove palmar vein	Turn on the loitering alarm sound
Join the network	Turn off the loitering alarm sound
Unsubscribe from the internet	Query Time
Confirm	Turn on the tamper alarm
Cancel	Turn off the tamper alarm
Exit	Return

## Connect to Tuya

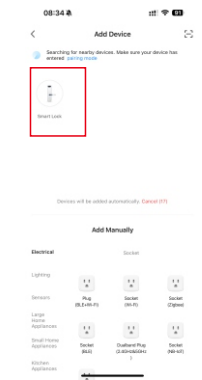
1. Add device



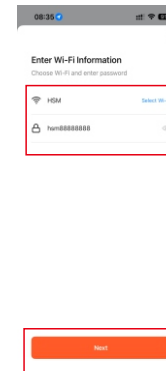
2. Turn on the phone's Bluetooth and WiFi functions to "Enter the door lock into network pairing mode"



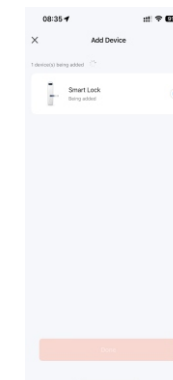
3. Automatically search for the smart door lock and click to enter.



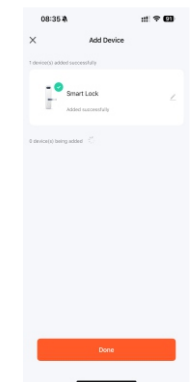
4. Select the 2.4G WiFi you need to connect to and enter the correct WiFi password



5. The device automatically connects to the network.



6. After successful addition, click Next to proceed



## Maintenance and Management



### 1. Daily Maintenance of Smart Door Locks

The surface of the door lock needs to be regularly maintained to keep it smooth and new. Use a soft and clean dry cloth to wipe the surface, and do not use water, alcohol, or acidic chemicals for cleaning. Regularly hire professional personnel to add lubricating oil or grease to the moving parts of the door lock, and replace severely worn components.



### 2. Using the USB Emergency Power Supply

When the door lock power supply is too low to unlock, it can be unlocked by connecting an external emergency power supply. Note that after unlocking, please remove the battery and charge it immediately (the USB emergency power supply is only for emergency use; do not use it if the battery has power).



### 3. Door Deformation Caused by External Force

If the door body deforms, it will cause excessive friction when inserting the lock tongue into the door latch plate, resulting in its inability to fully extend or even eject. At this time, the position of the door latch plate should be adjusted.

## After-Sales Service



### 1. Product Quality Commitment

All products launched by our company have passed various tests conducted by our professional personnel. If there are any usage problems caused by product quality during use or installation, our company can provide solutions.

### 2. The Warranty Period for the Fully Automatic Intelligent Lock Is One Year

### 3. During the warranty period, if any of the following situations occur, they must be treated as paid repairs:

- ① Malfunctions and damages caused by improper operation and repair on one's own;
- ② Malfunctions and damages caused by transportation, handling, and jumping after purchase;
- ③ Malfunctions and damages caused by other unavoidable external factors;
- ④ Damage caused by the use of power sources or voltages other than those specified;
- ⑤ Damage caused by improper use due to human factors or force

majeure during the free warranty period.

### 4. All Products Are Eligible for Lifetime Repair Service After Sale

## Product Warranty Card

Product Model			
Installation date		Purchase Date	
customer phone		Customer Name	
Customer Address			
Point of Sale			

### Thank you for using our product:

For repairs within the warranty period, you need to present this warranty card and invoice or receipt. This warranty card will not be reissued if lost, please keep it safe.

If you encounter any problems with the product you purchased, please return it to your dealer or contact us directly.

Fault :