

Broken Bridge Aluminium Smart Lock

User Manual



Installation Guide



Installation Notes



Debugging Video

Please read this manual carefully
before installation

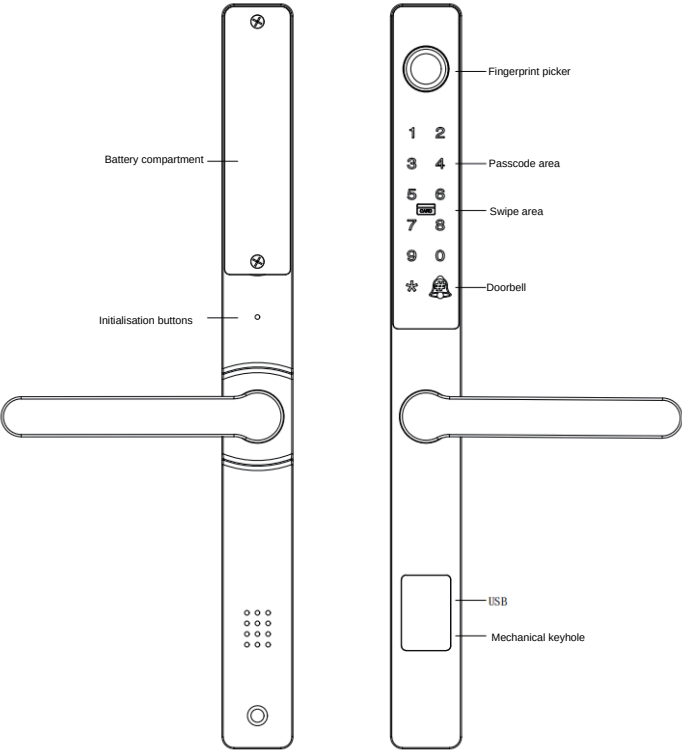
Please keep this manual properly for reference

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Installation Instructions

Illustrations are for reference only and are not actual product images
The product is subject to actual conditions



Preface

To help you use the Smart Lock product correctly, please be sure to read the instructions carefully before installing and using the product for the first time.

For the actual specifications and configuration of the product in question as described in this manual, please refer to the relevant agreement or consult the seller of the product.

If you fail to follow the instructions in the manual, or have the product repaired or altered by a technician other than ours, we will not be liable for any resulting damage.

The graphics and diagrams provided in this manual are for explanation and illustration purposes only and may differ somewhat from the actual product. In addition, the actual specifications and configuration of the product may be changed from time to time as necessary, and therefore differ from the contents of this manual, so please refer to the actual product.

In order to provide better service, the products and contents described in this manual are updated and improved or modified at any time without prior notice.

If you find that the actual product is not consistent with this manual, or you want to get the latest information or have any questions and ideas, please feel free to call our after-sales service department.

Product Features

For the security and modern management needs of residential, office and intelligent community, we have launched the fingerprint + swipe card + password + key intelligent door lock. It adopts advanced fingerprint identification, non-contact swipe card and password as the key to open the door, and has a variety of door-opening modes to choose from, which is more flexible, more convenient and more secure!

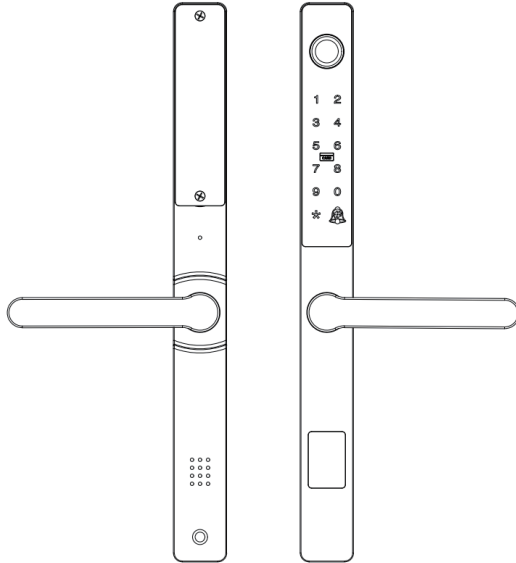
- You can open the door with fingerprint, card, password or key
- Multiple door opening modes are available to strengthen the security level of the door lock
- With the function of password to prevent bystanders from peeping
- Power on self-test, intelligent recognition function module, quick optional functions, such as fingerprint + password or swipe card + password etc.
- All the components are made of high-quality raw materials, with stable and reliable quality
- The door lock module has gone through a certain degree of waterproof, moisture-proof and mould-proof treatment.
- Door lock modules are subjected to high and low temperature, vibration and aging tests to adapt to some harsh environments.
- When installing in special environments, it is necessary to judge whether it can be installed after the actual situation.

Technical Parameters

Power Supply	4.5V - 6.5V (i.e., 4 x AA batteries)
Typical Static Current	< 55 microamperes (battery life can exceed one year)
Operating Current	< 250 milliamperes (strong driving capability)
Number of fingerprints for opening the door	< =100
Number of door opening cards	< =100
Number of door opening codes	< =100
Number of door opening remotes	< =100
Resolution	500DPI
Rejection rate	$\leq 0.15\%$
False recognition rate	$\leq 0.00004\%$
Operating temperature	-30°C ~ 60°C
Relative humidity	20% ~ 93%

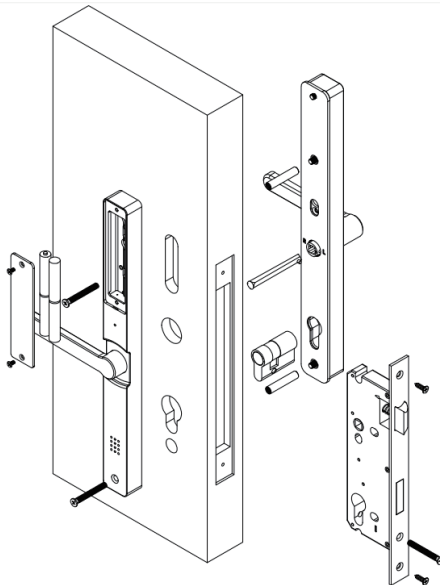
1

INSTALLATION GUIDE



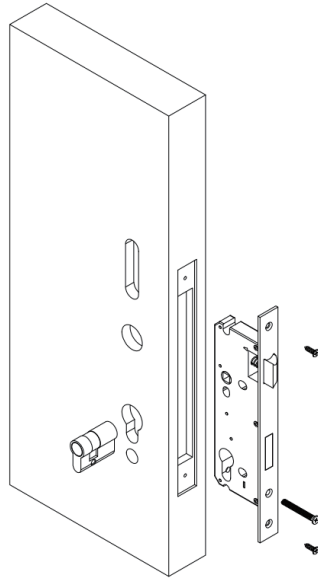
2

DOOR LOCK STRUCTURE DIAGRAM



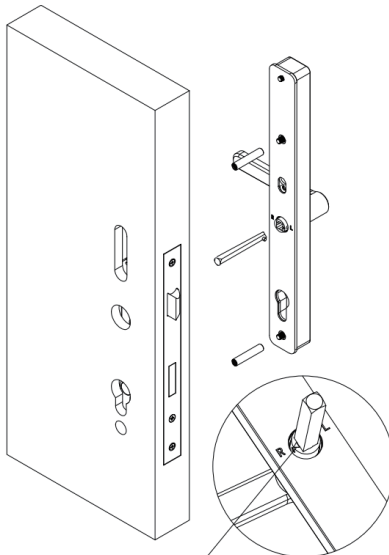
Decorative Body and Lock Core

3



Install Front Panel

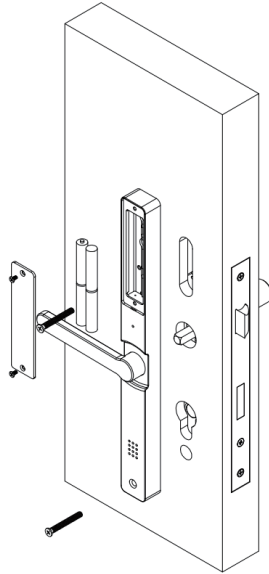
4



Right-hinged door triangle symbol facing "R",
Left-hinged door triangle symbol facing "L"

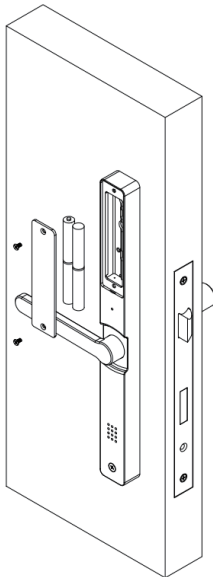
Install the rear panel

5



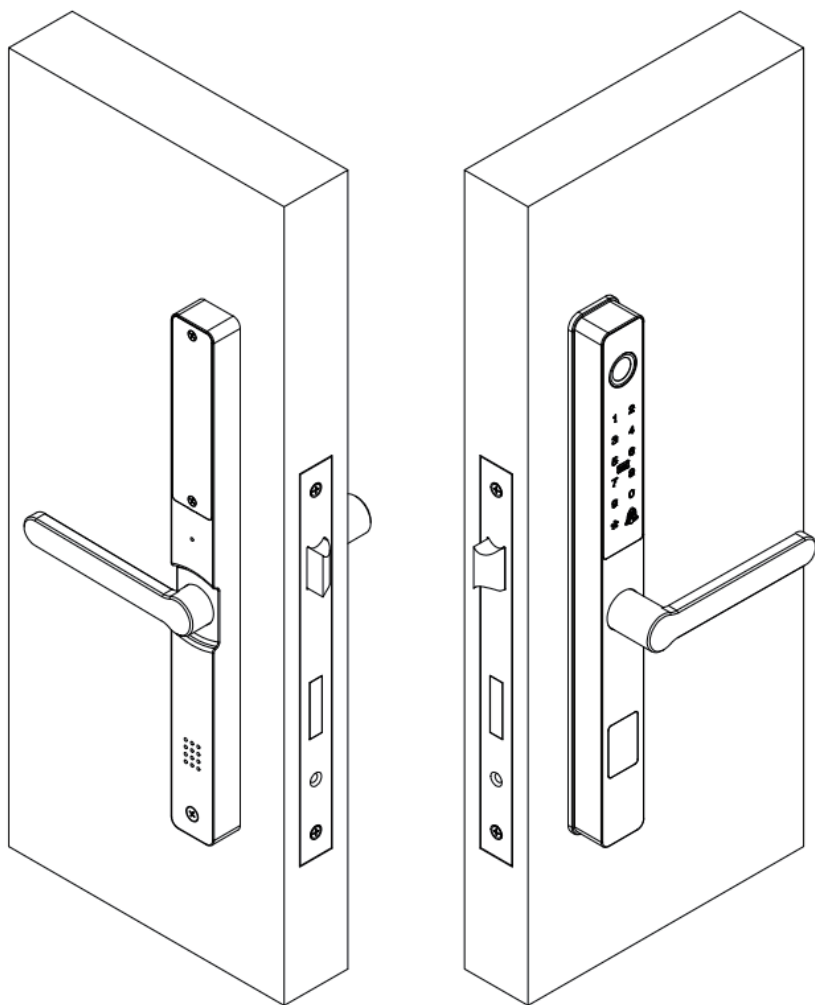
Install the battery

6



Installation Complete Test Door Lock

7



Lock Setting

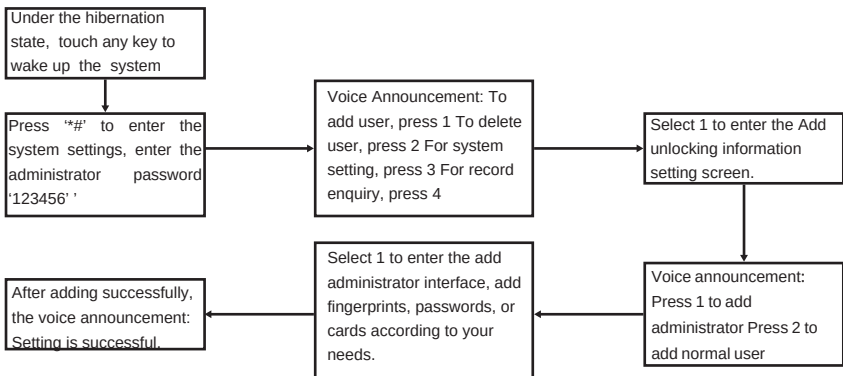
I、Initialisation system

- 1、 Remove the battery of the smart lock (the power supply is used to test the power supply needs to be disconnected from the power supply).
- 2、 press and hold the rear panel initialisation button.
- 3、 load the smart lock battery (test using power supply needs to be turned on the power supply).
- 4、 wait for the system 5S initialisation confirmation countdown, once a second will prompt the key tone.
- 5、 when the voice play '**restore** factory settings, press # key to confirm, exit please press * key', and then press # key, the system enters the initialisation process.
- 6、 wait a few seconds when the language play '**initialisation** successful' after the system initialisation is complete, at this time all the system unlocking information is empty, the system enters the demo mode, and then enter the boot process.

Note: The default administrator password for this lock demo mode is '123456', any Mifare-1 card can be unlocked in demo mode, any fingerprints can be unlocked, and the default password '123456' can be unlocked.

After successful initialisation, you need to reset the lock before you can use it!

II 、 Add Administrator



Note: For administrator information (fingerprint, card, password), factory mode directly input '123456'

Administrator fingerprint, card, password setting method is as follows:

(1) Administrator fingerprint setting

Press 1 to add fingerprint -- Voice: Please press finger, please remove and put it again, 5 fingerprints are recognised, the administrator fingerprint registration succeeds.

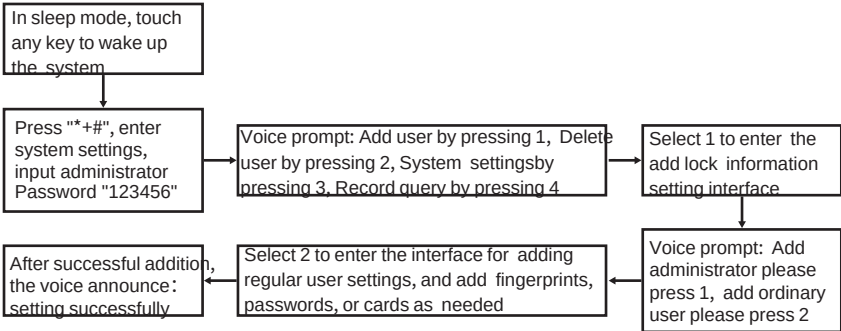
(2) Administrator card setting

Press No.2 key voice prompts please swipe the card, bring the card close to the induction area, voice prompts: Setting is successful

(3) Administrator password setting

Press No.3 key voice prompts please enter the new password ***** Press No.# OK voice prompts: Please enter it again ***** Press No.# OK, voice prompts: Setting is successful

III. Add Regular Users



Note: Administrator information (fingerprint, card, password), factory mode directly enter '123456'

General user fingerprints, cards, passwords set up as follows:

(1) General user fingerprints set up

Press 1 to add fingerprints -- Voice: Please press the finger, please remove the fingerprints and release it again, 5 fingerprint identification, general user fingerprint registration is successful.

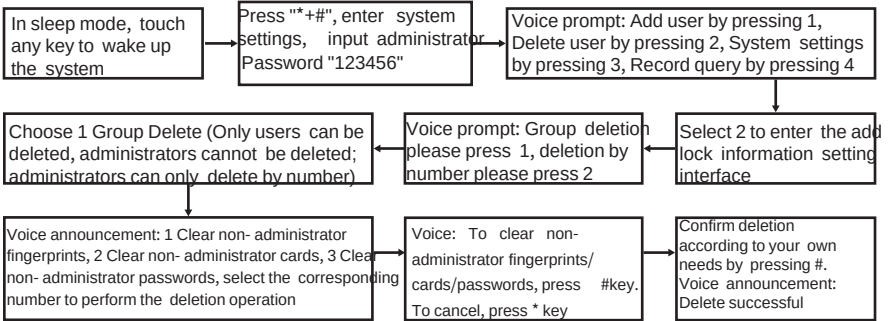
(2) Ordinary user card setting

Press No. 2 key voice prompts please swipe the card, the card will be close to the induction area, voice prompt: set up successfully

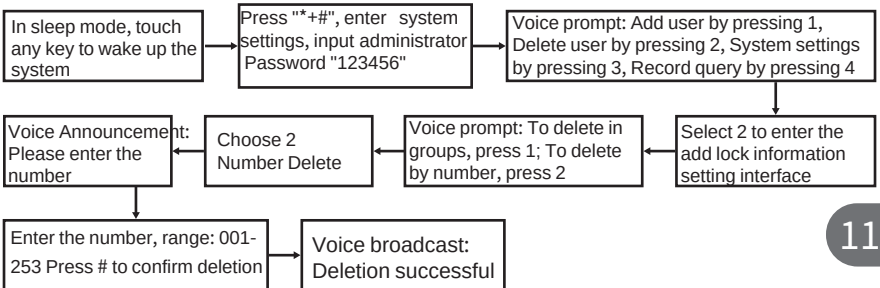
(3) Ordinary user password setting

Press No. 3 key voice prompts please enter a new password ***** Press # to determine the voice prompts: please enter again ***** Press # to determine the voice prompts: set up successfully

IV. Deleting user information by grouping

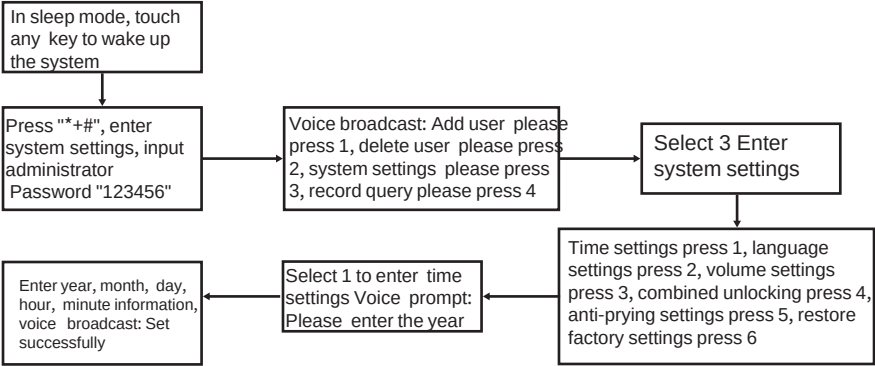


IV. Group Deletion of User Information



VI. System Settings

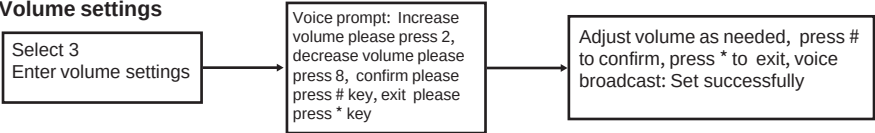
(1) Set Time



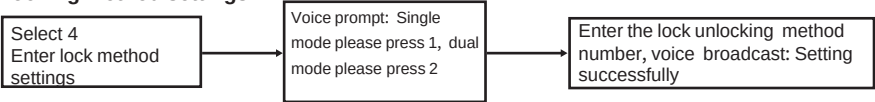
(2) Language settings



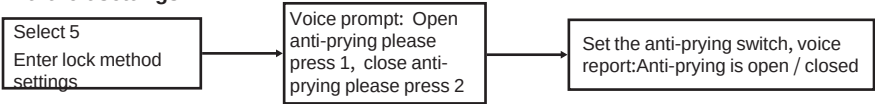
(3) Volume settings



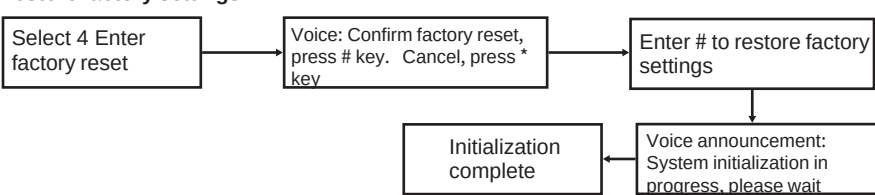
(4) Locking method settings



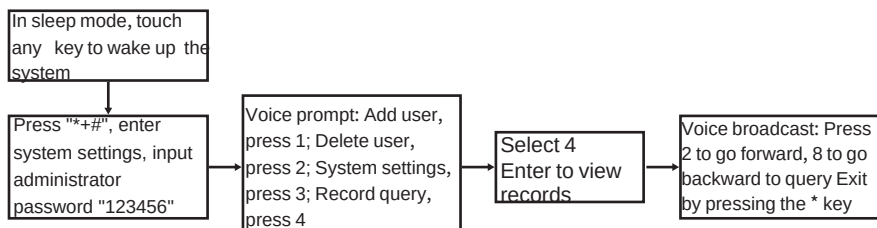
(5) Anti-theft settings



(6) Restore factory settings



VII. Record Query



VIII: Doorbell

1. When pressing the doorbell button in verification mode or sleep mode, the doorbell will ring twice consecutively

IX: Low Battery Alarm

1. When the battery is in a low power state, it will remind after unlocking: Low battery
2. Backup power: Can open the door by connecting an external USB interface for power supply

X、Alarm Lockout

1. When more than 5 incorrect unlocking attempts are made within 5 minutes, the system enters a lockout state. It will automatically unlock after 180 seconds.

XI、Constant Open Function

1. After successful fingerprint verification, long press the 0 key — hear the beeping sound— press the # key to confirm (i.e., activate the constant open function).

XII、Temporary Password



Lock secret WeChat app

1. How to get the app: WeChat app search 'lock secret', open this app
2. The administrator password in the app is the first group of administrator passwords set on the lock, if you haven't set the administrator password, you can't open the lock using the app.
3. You need to change the lock system time to the same time as the mobile phone.

Note:

1. Before using the temporary password, you need to confirm that the mobile phone time and lock time is consistent, inconsistent with the need to set the lock time once
2. Each kind of password at the same time will only take effect a group, enter two of the same kind of password, generally after a group to take effect, and the former group will be invalidated!

X、Other instructions

- If you input wrong password more than 5 times continuously in 5 minutes, the keypad will be locked for 90s, and the system will not respond to any operation within 90s, and you can enter the administrator to release it through the setting key of the rear panel.
- Password anti-snooping function: when opening the door with password, input the password as follows: xxx password xxx; you can add some irrelevant codes before and after the password, and then press # to confirm. The password must be included in the input.
- The system will exit automatically if there is no operation for more than 12 seconds per operation.
- If the voltage is lower than 4.8V, there will be a low voltage alarm every time you unlock the door, the door lock can be unlocked for 200 times after the alarm, and it will be forbidden to unlock the door until the voltage value is higher than 4.8V, please be sure to replace the battery with a new one after the low voltage alarm.

Dear users:

Thank you for using our products, we will provide two-year warranty service.

Within two years from the date of purchase, if there is non-man-made damage to the performance of the failure, the consumer can repair with proof of purchase and warranty.

We divided into the following cases for after-sales warranty:

1. Any quality problem occurs within 1 month from the date of purchase, the product will be exchanged for a new one (both parties will bear half of the freight cost for the replacement);
2. If any quality problem occurs within 1 year, we will replace the corresponding parts according to the actual situation, and we will provide the corresponding technical guidance for replacement;
3. Use 1 - 2 years within the quality problems, according to the actual situation to replace the corresponding accessories (resulting in the corresponding costs charged according to the actual situation)
4. If it belongs to one of the following cases, it needs to be repaired at a fee:

- (1) Exceed the warranty period;
- (2) Warranty content does not match the physical reality;
- (3) Not in accordance with the specified correct guidance requirements, installation, use, maintenance, maintenance caused by damage;
- (4) Maintenance and installation in non-authorized units;
- (5) All man-made or due to force majeure caused by damage, immersion, smashing, etc.;

In the warranty maintenance process of the corresponding costs arising from the situation, according to the actual situation of the two sides to negotiate and communicate.

NOTE: Do not leave spare keys indoors!

It is recommended to keep it in another location outside for emergency unlocking purposes!