

2024-07-29 140x210mm

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刀位: 840x420mm

Broken Bridge Aluminum Door Lock Instruction Manual (A3 Version)

1 Overview

1. Introduction

We have launched a card swiping and password lock module to meet the security and modern management needs of residential, offices, and smart communities. Advanced fingerprint recognition, non-contact card swiping, and password are used as the door opening keys, and there are multiple door opening modes for choice, making it more flexible, convenient, and secure!

Key type	Quantity	Code Range	Remarks
administrators	9	1~9	The administrator password is 1, while other administrator users can use it with card, password, or fingerprint
ordinary users	291	10~300	use cards, passwords, or fingerprints

2. Product advantages and features

Optional fingerprint, card, and password can be used to open the door.

Multiple door opening modes are available, enhancing the security level of the door lock.

User addition and deletion are managed based on numbering.

Combination unlocking, dual function, ensuring the safety of the door lock with anti-peeping password function. Power on self-test, intelligent recognition function module, quick selection function, such as password or card swipe+password, door lock modules are all treated with waterproof, moisture-proof, and antivirus measures. The door lock modules have undergone high and low temperature, vibration, aging and other tests to adapt to harsh environments.

3. Technical parameters

General power supply	6V
Typical static current	<70 microamperes
Total number of door opening users	300 groups
Number of door opening fingerprints	<=99 groups (2~300 numbered users)
Number of door opening chips	<=299 groups (2~300 numbered users)
Number of door opening passwords	<=300 groups (No. 1 administrator, 2~300 numbered users)
Total number of door opening records	500

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Quick unlock time	<=2 seconds
Working temperature	-10℃~60℃
Relative humidity	20%~93%

2. Function and operation

1. Initial state

The factory management password is "123456" to open the door; before use, you need to modify the management password to enter the menu function.

2. General operation rules

For the first use, you need to add a set of management passwords, and the initial verification password is "123456"

The "#" key is the confirmation key or the menu function key. After entering the menu, press "#" to repeat the voice broadcast. The "*" key is the clear key/back key. When entering the password, short press to clear the input.

3. Entering the door lock function management



Operation After lighting the touch screen, press "*" or press the "Set" setting key on the rear panel to prompt the verification of the management password (the initial password is 123456). After verification, you can enter the door lock function management.

As shown in the figure:



Voice broadcast sequence: "Please verify administrator information" -> "Administrator verification successful" -> "1 Door lock function" -> "2 Wireless settings" (this selection item is not available when the wireless module is not connected)

4. Administrator settings

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Administrator settings include entering administrators and deleting administrators. Administrator information can be entered in fingerprint, card, password, press "*" to enter the administrator verification state, and follow the display and voice prompts to enter.

Enter administrator information

Enter the door lock function menu, select "Add administrator" and then select the type to be added and follow the voice prompts.

As shown in the figure:



Voice broadcast sequence:

"1 Door lock function" -> "4 Add administrator" -> "(Select the type to be added and follow the voice prompts)" -> "xxx added successfully"

*Note: During the input process, you cannot input information that has already been input. Adding IDs will be automatically added in order. The password is 6 to 12 digits long. The total number of administrator users is 9. Number 001 is the first input management password.

*Enter to add a new administrator password. After adding, the initial password will automatically become invalid.

Delete administrator information

After entering the door lock function menu, select "Delete User" and enter the number to be deleted and follow the voice prompts.

As shown in the figure:



Voice broadcast sequence:

"1 Door lock function" -> "2 Delete User" -> "Please enter the number to be deleted" -> "Delete number xxx, please press the confirmation key" -> "Delete successfully"

*Note that the currently verified administrator number cannot be deleted

5. Add ordinary users

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Ordinary user settings include entering ordinary users and deleting ordinary user information. Ordinary user information can be entered as fingerprints, cards, and passwords. After entering the door lock function management, follow the voice prompts.

Enter ordinary user information

*You can add ordinary users only after adding a new administrator password

You can add users by adding cards, passwords, and fingers. After entering the door lock function, select "Add user", select the type to add, and follow the voice prompts.

As shown in the figure:



Voice broadcast sequence:

"1 Door lock function" -> "1 Add user" -> "(Select the type to be added and follow the voice prompts)" -> "xxx added successfully"

*Main: When adding, the ID is automatically added in sequence starting from "10-10", the password is 6 to 12 digits, and the number of users is 291.

*Add fingerprint option. If the corresponding module is not connected, the information that has been entered cannot be entered during the entry process.

Delete common user information

To delete user information, you can use fingerprint, card or password. After entering the function, follow the display and voice prompts.

As shown in the figure:



Voice broadcast sequence:

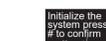
"1 Door lock function" -> "2 Delete User" -> "Please enter the number to be deleted" -> "Delete number xxx, please press the confirmation key" -> "Delete successfully"

Delete all users

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Press and hold the "Set" button on the rear panel for 5 seconds, and the system will prompt you to restore the factory settings. Press the confirmation button to confirm. After restoring the factory settings, all unlocking information and records will be cleared, and the initial password will be restored to 123456.

As shown in the figure:



Voice broadcast sequence:

"Please press the confirmation button to initialize the system"

6. Door lock settings

After verifying the administrator, enter the door lock function menu and operate according to the display and voice prompts.

6.1. Function Settings

Function settings can choose to turn on or off double verification of unlocking information, anti-pir switch and normally open mode. Press the "#" key to repeat the voice broadcast.

As shown in the figure:



Voice broadcast order:

"1 Door lock function" -> "3 Door lock settings" -> "1 Double verification is closed/[or enabled], 2. Anti-pir alarm is closed/[or enabled], 3. Normally open mode is closed/[enabled]"

*Note: 1. Each function is set to two states: open or closed. If it was closed last time, the voice prompt is turned on this time, otherwise it will be turned off.

2. In the combination unlocking mode, any two sets of non-administrator unlocking information with different numbers can be combined for locking.

6.2. Volume adjustment

The volume adjustment can adjust the volume of the door lock voice. After entering the interface, follow the prompts to select button 1, button 2, button 3 or button 4 to adjust. At this time, the volume will increase or decrease accordingly. Press the "#" key to repeat the voice broadcast.

As shown in the figure:

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Voice broadcast order:

"1 Door lock function" -> "3 Door lock setting" -> "2 Volume adjustment" -> "1 High volume" -> "2 Medium volume" -> "3 Low volume" -> "4 Mute"

6.3. Language setting

The language setting can adjust the door lock broadcast language. After entering the interface, press the prompt to select button 1 or button 2 to adjust the Chinese mode or English mode. Press the "#" key to repeat the voice broadcast.

As shown in the figure:



Voice broadcast order

Chinese: "1 Door lock function" -> "3 Door lock setting" -> "3 Language setting" -> "1 Chinese" -> "2 English"

English: "1 Door lock function" -> "3 Door lock setting" -> "3 Language setting" -> "2 English" -> "1 Chinese"

*Note: Menu switching language: can only be switched in Chinese and English mode after switching to another language; there is no language selection menu item, and it can only be switched by password in the initialization state. The specific supported languages are determined by the configuration of the door lock; the switching password is as follows:

Language switching (used in the initial state)

555 66688# Use Chinese

55566688# Use English

555666881# Use Vietnamese (supported by multiple versions)

555666882# Use Portuguese (supported by multiple versions)

555666883# Use Arabic (supported by multiple versions)

555666884# Use Russian (supported by multiple versions)

555666885# Use Thai (supported by multiple versions)

555666886# Use Spanish (supported by multiple versions)

555666887# Use Indonesian (supported by multiple versions)

6.4 More settings

6.4.1. Time settings

The time setting can adjust the door lock system time. After entering the interface, the door lock will first display the current time. After completion, it will enter the time setting interface, and then press the button to enter the year, month, day, hour, and minute in sequence according to the voice prompt. Each input needs to be confirmed by pressing the # key until it is completed. After success, the voice will prompt "Operation successful".

As shown in the figure:



Voice broadcast sequence:

"1 Door lock function" -> "3 Door lock settings" -> "4 More settings" -> "1 Time settings" -> "Current time * year * month * day * hour * minute * second" -> "Please enter * year * month * day * hour * minute" -> "Setting successful"

6.4.2. Record query

Record query is mainly used to query door lock logs. Log records include unlocking events, adding, deleting, and modifying user events.

6.4.3. Initialization

Initialization is used to restore the lock to the initialization state, and the administrator password is restored to 123456.

As shown in the figure:



Voice broadcast sequence:

"1 Door lock function" -> "3 Door lock settings" -> "4 More settings" -> "3 Initialize system" -> "Initialize system, please press the confirmation button"

7. Wireless settings (pairing network devices)

7.1 Add network

After successfully verifying the administrator information and entering the wireless settings management, press 1 to enter the wireless device pairing interface and you can start networking operations.

*Note: Only when the wireless module lock is configured to support the addition of network menu options as shown in the figure.

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Voice broadcast order:

"2 Wireless Settings" -> "1 Add Network"

7.2 Delete Network

Press 2 to enter the delete wireless device and wait for deletion.

As shown in the figure:



Voice announcement sequence:

"2 Wireless Settings" -> "2 Delete Network" -> "Delete Successfully"

8. Other instructions:

If the wrong password is entered more than 5 times within five minutes, the keyboard will be locked for 30 seconds. The system will not respond to any operation within 90 seconds. You can enter the administrator to unlock it by pressing the back panel setting key.

Password anti-peeping function: When opening the door with a password, enter 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 automatically exit if there is no operation for more than 16 seconds each time.

When the voltage is lower than 4.8V ± 0.2V, an alarm will be automatically triggered every time the door is unlocked. After the alarm, the door lock can be unlocked 200 times. If the number exceeds the limit, unlocking will be prohibited. Be sure to replace the new battery before unlocking.

Temporary open mode: After unlocking with fingerprint, password, or card, press "#" immediately (operate without turning off the screen), and unlock with fingerprint, password, or card again, and the temporary open will be automatically canceled.

WeChat Mini Program temporary password unlocking

Step 1: Open WeChat and scan the QR code on the right, and select screenless door lock.

Step 2: Please enter the administrator password, which is valid for five minutes.

Step 3: After the temporary password is generated, this group of passwords can be used to open the door within the valid time.

*Note: 1. The first group of administrators must be set as passwords, not fingerprints or cards.

2. The time must be set to be consistent with the mobile phone time and in 24-hour format (locks with optional graffiti module function do not need to set time)

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3. Tuya Connection (optional)

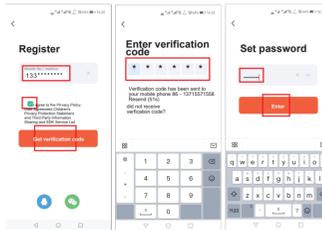
1. APP download and installation

1 Search for "Tuya Smart" on major mobile phone download platforms and download and install it, or scan the QR code to add Tuya Smart and download and install it. As shown below:



2. APP registration account

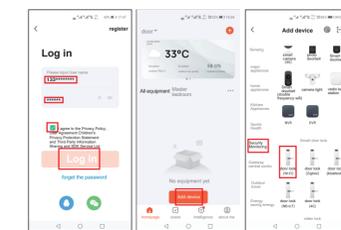
APP registration: If you don't have an APP account, you can choose to register with your mobile phone number or social account. Enter your mobile phone number, -> Get verification code -> Enter verification code -> Set password to complete registration.



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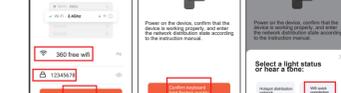
3. APP login, add door lock

Open APP, enter mobile phone number -> enter password -> one-click login -> add device (at this time, press "#+administrator password" on the lock panel to enter the system, press 2 for wireless settings, press 1 to add network, voice prompt, "Network pairing", add device in mobile phone APP, note: the network must be 2.4G, select WiFi name, enter WiFi password, proceed to the next step, and wait for the connection process.

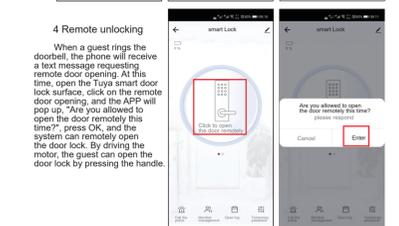
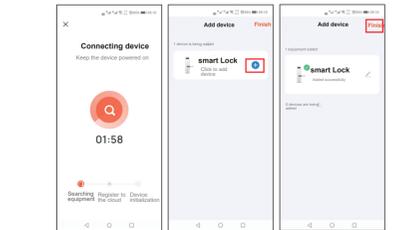


4. Remote unlocking

When a guest rings the doorbell, the phone will receive a text message requesting remote door opening. At this time, open the Tuya smart door lock surface, click on the remote door opening, and the APP will pop up: "Are you allowed to open the door remotely this time?". Press OK, and the system can remotely open the door lock. By driving the motor, the guest can open the door lock by pressing the handle.



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