



DeepL

Subscribe to DeepL Pro to translate
Visit www.DeepL.com/pro for more

Fully automatic lock manual

OPERATION INSTRUCTIONS

facial recognition
model

AUTO SMART LOCK



Swipe to see a video
of it in use

Feature Description:

- 1、 Door lock sound
and light prompt
message Long
beep: operation
success short beep:
key prompt short
beep two beeps:
operation prompt
short beep three
beeps: operation
failure siren:
illegal operation

2. Other notes

- ◆ Anti-test alarm: face, fingerprint, password or card, the accumulated input error more than 3 times, the alarm 1 time; the accumulated input error more than 4 times, the alarm again 1 time to remind
Users note; accumulated input errors more than 5 times, no longer alarm, prompting "the system has been locked", directly locked 90S; not before the release of the alarm can not continue to verify, 90S after the release of the lock.
- ◆ Password anti-peeping function: input "XXX password XXX", you can add some dummy passwords before and after the password, and then press "#" key to confirm, the password must be continuously included in the contents of the input, the password must be at least 6 digits, and the maximum can be input 16 digits.
- ◆ The system automatically enters low-power mode after more than 8 seconds of no operation.
- ◆ If the voltage is lower than 6.8V, every time you open the lock, it will automatically prompt "low battery", after the prompt, you can open the lock about 100

times (related to the total battery capacity). When the battery is low, recharge the battery or replace it with a new one as soon as possible.

- ◆ The "#" key is a confirmation key or menu function key; The "*" key is the **clear/back** key, short press to clear the input when entering the password.

3. Number of persons set

There are **9** administrators, with numbers ranging from **001-009**, which can be either face, fingerprint, password or card;

There are **191** ordinary users, with numbers ranging from **010-200**, which can be any of face, fingerprint, password or card.

4. System self-test

Every time the machine is powered on, the system performs a self-test. Self-test content:

Memory ✓ - Touch code ✓ - Fingerprint swipe ✓ - System normal
Storage ✓--Touch ✓--FP and Card ✓--Normal!

Turn off the power after the self-test is completed for 5S, the green LOGO light is always on when the verification is successful, and the red LOGO light is on when the operation is incorrect.

Operating Instructions:

I. Factory settings:

If no administrator is added, enter "8 8 8" and press the "#" key to confirm and enter the factory.

Setup Menu.

Screen display: 1. door opening direction; 2. motor torque; 3. reverse time;

1. Door opening direction (default left)

Select the number "2" to switch the door to "left" or "right";

2. Motor torque (in default)

Select the number "3" to switch "low", "medium", "high" three kinds of torque.

Note: The torque should be designed appropriately to ensure that the normal lock state can be closed.

3. Reverse time (default 400)

Select "5" to increase 50ms, press "8" to decrease 50ms, setting range 100~900

Milliseconds.

Note: The reversal time needs to be designed appropriately to ensure that it is sufficient to reach the normal lock-off state.

II. Locksmithing

- ◆ Enter authorised administrators and users to perform unlocking actions with voice prompts:

"Authentication successful, unlocked", the machine synchronises to display user information.

- ◆ The unlocking action can be performed by "unlocking key" on the rear panel of the door.

- ◆ After unlocking is completed, wait for **15S**, during which the verification operation will not be performed.

Note: The initial password is 123456, you can use the initial password to enter the setting or unlocking operation. The initial password is invalid after adding an administrator.

III. Lockout

- ◆ To close the door, press the "Lock button" on the touch panel to lock the door with one touch;
Voice: "Locked".

Note: Pressing the "Lock Off Key" on the rear panel of the door lock can also perform the lock off action.

IV. Initialisation operations (restoration of factory settings)

Method 1: Quick initialisation through the rear panel by "pressing the unlock and unlock buttons at the same time".

- ◆ At the same time, press and hold the "Lock and Unlock Button" for about 6S, then release the button to start the initialisation, and the voice prompts "Initialisation is in progress".
- ◆ After completion, the voice prompts "Initialisation successful" and all contents are cleared;

Note: After initialisation, any face, fingerprint, card, password (123456) can unlock the door.

Method 2: Enter the settings menu to operate

- ◆ After verifying the administrator by pressing "0" + "#" button, you can enter the main menu of settings;
- ◆ Press "4", select "System Enquiry", the main interface is as follows
 - 1、Record management
 - 2、Store information
 - 3、Version query
 - 4、Restore factory settings
- ◆ Press the number key "4", select "Restore Factory Settings", the voice announces "Restore Factory Settings, please confirm", press "#" to confirm and the system starts to initialise. Press "#" to confirm and the system will start to initialise.

Note: After initialisation, the system time remains unchanged and all user information is cleared.

V. User management

9 administrators, any one of face, fingerprint, card, password, first 9 numbers

For administrators 001 - 009. for normal users, guest users, and coerced users, 010 - 200. users can be added as follows:

- ◆ Press the "0" + "#" buttons to prompt "Please verify administrator";
- ◆ After the administrator has successfully verified the system, he/she enters the main interface of the system, and under the main interface of the system, the voice prompts:
 - 1、 User management
 - 2、 Remote management
 - 3、 System settings
 - 4、 System query

Under the main system interface, the

- ◆ Select the number "1" to enter the user management interface.

1 Adding a user 2 Editing a user 3 Deleting a user

- ◆ Select the number "1" to enter the add user interface.

1 Add admin user 2 Add regular user 3 Add guest user 4 Add coerced user

5.1 Add administrative users

- ◆ Select the number "1" to enter the Add Management user interface.
1 Enter face information 2 Enter password information 3 Enter card information 4 Enter fingerprint information
- ◆ Select the number "1" to start entering face information, and the infrared fill light will flash slowly;
Face the face recognition module, according to the machine prompts to turn the head, after completing the entry machine prompts "entry successful";

Note: Distance from the machine is about 0.7-1 metres, too close or far away, the machine will fail to operate; turn the head amplitude should not be too large, turn irregularly, the machine will fail to operate; try not to have bystanders when recording, do not cover their faces

- ◆ Select the number key "2/3/4" to enter the corresponding interface, you can add password, card or fingerprint.
To enter the password information, enter 6 to 12 digits **t w i c e**, and the result must be the same for both entries;
Enter the card information, the card distance from the panel **w i t h i n 0-10mm**, successful prompts "successful operation", if repeated swipe the card prompts "the user already exists".

Addition of regular users

In the main interface of user management, select the number "2" to enter the interface of adding ordinary users; in this interface, you can enter the face, password, card or fingerprint information of ordinary users; the operation is the same as adding management users.

Note: Enter at least one administrator before you can enter ordinary users

Increase in incoming users

In the main interface of user management, select the number "3" to enter the user interface of adding guest; in this interface, you can enter the face, password, card or fingerprint information of the guest user; the operation is the same as adding management users.

Note: Guest users can only be entered after at least one administrator has been entered.

Only guest users can set the open date and open time period (set the time period in the Edit User - Guest Time Period screen).

Increase in coerced users

In the main user management interface, select the number "4" to enter the Add Duress user interface; in this interface, you can enter the password, card or fingerprint information of the duress user;

The operation is the same as adding an administrative user.

Note: At least one administrator must be entered before a coercive user can be entered.

Duress users need to use with the network, no alarm when operating on the lock, but can upload the information to the designated platform.

5.2 editorial user

Under the user management interface, the

1 Adding a user 2 Editing a user 3 Deleting a user

- ◆ Select the number "2", the prompt "Please enter a number", you can edit the user 1 User disable (ON/OFF) 2 Re-enter 3 Guest time slot

user disablement

- ◆ Cyclic operation of the numeric key "1" disables or opens user operating privileges; ON - user disablement is in effect; OFF - user disablement is off.

re-enter

- ◆ Select the numeric key "2" to re-enter the user information and enter the user entry screen:

1 Enter face information 2 Enter password information 3 Enter card information 4 Enter fingerprint information

The operation is the same as adding a user, and the original user information will be deleted after re-entry.

Visiting hours

- ◆ Select numeric key "3" and enter the guest user

number for which you want to set the time slot, then you can set the time slot for the guest user to open the door;

- ◆ Enter the effective start date and expiry date of the door opening for the guest user and press "#" to confirm;
- ◆ Enter the time period for opening the door for the guest user. 3 time periods can be set.

Note: 1. When entering date and time, such as 8 o'clock, you need to enter "08";

2. The guest user can use the door lock only if the set date and time period are satisfied.

Note: Under the User Edit screen, the administrator who is currently logged into the Setup screen cannot edit.

5.3 Delete User

Under the user management interface, the

1 Delete by number 2 Delete by type 3 Delete all

Delete by number

- ◆ In this screen, enter the " key and the voice prompts "Please enter the number";
- ◆ Enter the user number to be deleted, press "'#" to confirm, the voice prompts "'Delete Success'", the system will delete the user information under this number;

Delete by type

In this screen, enter the " key to enter the delete user interface:

1 Delete all faces 2 Delete all passwords 3 Delete all cards 4 Delete all fingerprints

Delete all faces:

Press the "'1" key to perform the Face User Delete operation to delete all fingerprints:

Press the "2" key to perform the password delete operation to delete all cards:

Press the "3" key to perform the card delete operation to delete all passwords:

Press the "4" key to perform fingerprint deletion.

Delete all users

Under this screen, enter the " key to perform the operation of deleting all users Note: Under this screen, the administrator currently logged into the setup screen will not be deleted.

VI. Remote management (optional function)

Voice prompts under the main system interface:

1 User Management 2 Remote Management 3 System Settings 4 System Inquiry

- ◆ Select the number "2" to enter the remote management interface.

1 Adding a remote user 2 Deleting a remote user
3 Adding a remote user

Del

Deleting a remote user

- ◆ Select the number "1" to add the remote user interface 1WIFI

Hot Spot

Select the number keys "1" and "2" and follow the prompts to add network users.

- ◆ Select the number "2" to delete all remote users.
- ◆ Select the number "3", use the supplied remote control and press any button to add a remote control user.
- ◆ Select "4" to delete all remote users.

Note: Unless otherwise specified, the mode "2-Hot Spot" is generally used for direct operation.

VII. System settings

Voice prompts under the main system interface:

1 User Management 2 Remote Management 3 System Settings 4 System Inquiry

- ◆ Select "3" to enter the system setting interface.

1 Time setting 2 Language volume 3 Lock on setting 4 Lock off setting

7.1 time setting

In this screen, enter the '1' key to set the time

Enter the corresponding time and press the "#" key to confirm.

Note: Time format, e.g. 2020 05 01 08:05, 1 May 2020 at 8:05, with "0" to be filled in.

7.2 speech volume

In this interface, input '2' key to set language and volume

1 Chinese 2 English 3 Volume low 4 Volume high

- ◆ Input numeric key "1", voice prompt "operation successful", set to Chinese mode;
- ◆ Enter the number key "2" to set to English mode;
- ◆ Enter the number key "3" to set the volume to low;
- ◆ Enter the number key "4" to set to volume high;

7.3 Unlocking Settings

Under this interface, input '2' key to enter the unlock setting interface with voice prompt:

1 Single unlocking 2 Combination unlocking 3

Disable unlocking 4 Anti-pick alarm (ON/OFF) **Single unlocking:**

Select the numeric key "1" to enable single unlocking mode

combination unlocking:

Select the number key "2" to enable the combination unlock mode.

Note: After the combination lock is opened, except for the administrator, 2 ordinary users need to be verified before the door can be opened.

Unlocking disabled:

Select number key "3", voice prompt.

- 1 Disable Face
 - 2 Disable Password
 - 3 Disable Card
 - 4 Disable Fingerprint
- Select 1/2/3/4 to disable the selected type of user.

ON - disable function is in effect; OFF - disable function is off.

Anti-break-in alarm:

Selecting the numeric key "4" will enable or disable the anti-burglary alarm function;

7.4 lockout setting

In this screen, enter '4' key to enter the lock-off setting screen

- 1 Lockback time
- 2 Delayed locking
- 3 Human detection
- 4 Stay setting

Lockback Time Setting

Operation of the '1' key allows you to set the lockback time, with an effective lockback time of 2-9 seconds;

Auto-return lock

Operate the '2' key to set the delayed locking time, select 0 (off) and set the time level to 5/10/15/20/25/30 sec.

Human Detection

Operate the '3' key to set the human body detection function and select 0 (off), 1 (closer), 2 (farther).

VIII. System enquiries

Voice prompts under the main system interface:

- 1 User Management
- 2 Remote Management
- 3 System Settings
- 4 System Inquiry

◆ Select the number "4" to enter the system enquiry screen.

- 1 Record management
- 2 Storage information
- 3 Version information
- 4 Restore factory settings

8.1 Records management

In the system query screen, select "1" to query the operation records. Display: 1. Search by order 2 Search by date 3 Clear records

Search in order:

In the open door record search interface, select the numeric key "1", you can press "2" "8" to turn up and down the page for record search.

Search by date:

In the record search interface, select the numeric key "2" and enter the date display of the record to be searched:

Please enter the time 20--year--month--day

Clear the record:

Pressing the numeric key "3" and confirming with "#" will clear all operation records.

8.2 Storing Information

In the system enquiry screen, select key "3".

Display: Administrator: X/9 General User: X/291

Record: X/4096 You can query the stored information of users and records.

8.3 Version Search

In the system query screen, select key "3" to query the machine version information.

8.4 Restore Factory Settings

In this screen, enter " key and press "#" to confirm, then the system performs the initialisation operation.

IX. Low Voltage Alert

When the system detects that the battery voltage is lower than 6.8V, every time the door is opened, it will prompt "Battery". The battery is low, please recharge it in time".

Note: After the low voltage alarm, the door lock can still open the door about 100 times (related to the total capacity of the battery), please give the rechargeable battery or replace the new battery as soon as possible.

When the battery voltage falls below 6.0V, the message "Power is running out, shutting down soon" is displayed and the machine is put on standby.

X. External power supply

When the internal battery is exhausted and the door cannot be opened, use a 5V USB power supply, an external power backup port. Emergency charging is available.

Note: The external power supply for the auto lock only provides emergency charging outside the door, please do not charge for a long time. The battery can be removed and charged separately, and the battery can be charged directly using the supplied charger.

XI. Doorbell or request to unlock (optional)

Pressing the doorbell button (# key) on the touchpad will send a request to open the door to the mobile app.

Open the app on your mobile phone and tap Unlock to open the door lock remotely.

XII. Human detection (some models)

Effective recognition distance for human detection 0.6 - 1.0 metres.

When a person approaches the effective recognition distance, the door lock will be activated and a "drip drip drip" sound will be emitted, signalling that the machine has detected the person's face. Users need to face the door lock for face recognition.

Detection distances may vary with different heights, clothing or in different lighting conditions.

XIII. Presentation mode

The machine is in demo mode when the door lock is not entered into the administrator.

In demo mode, any face in the effective recognition area of the door lock can unlock the door.

In demo mode, the door lock is opened without waiting for 15S, and the lock can be repeatedly verified to be unlocked.

Fourteen, anti-breaking alarm

When the anti-buckling alarm is turned on and the anti-breaking switch is triggered, the voice announces "illegal intrusion" and the red

The light flashes, the alarm continues for about 8S, and the anti-burglary alarm turns off after 180 seconds.

After the machine is on standby and the key light goes out, if the alarm time has not expired and the machine is awakened, the alarm should continue.

Using the correct user information to authenticate will unlock the door normally and clear the alarm, no other method will clear the alarm.

Note: In the initialisation state of the machine, the anti-pry switch is off by default.

XV. WI-FI operating instructions (optional function)

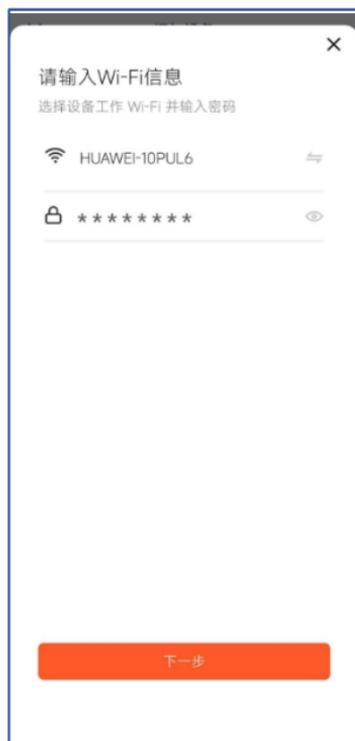
Hot spot connection method:

- 1、Download "Doodle Intelligence" APP--Login or Register User
- 2、Enter WIFI hotspot networking status, smart lock setting interface, input "2" to enter the "remote management" interface, press "1" to enter the "Add remote user" interface, press "2" to enter the AP mode to start adding users. Press "1" to enter "Add Remote User" interface, press "2" to enter AP mode to start adding users;

3, open the mobile phone "Graffiti Intelligence" APP, keep in the main interface state, wait for the search of new devices (mobile phone wifi must be on);

4, select the WIFI to be connected (must be 2.4G network) and then enter the correct WIFI

password and finally connect to the network as shown below;



Caveats:

- ① The mobile phone needs to be connected to the door lock device at the same time as the smart lock to add users;
- ② the WIFI account used by the first mobile phone user will become the default account of the smart door lock, and other users need to be in this WIFI network to add mobile phone users;
- ③ After deleting the remote user, the mobile phone user needs to delete the original door lock device on the mobile phone and reconnect.

Remote Unlocking Application

Press the doorbell button to send a remote unlocking request command, all mobile phone users will receive a remote unlocking request, valid within 1 minute, the app clicks on the "click on the remote door", you can open the door for the guest.