

Smart Fingerprint Padlock with Electronic Key



Usage Instructions

Note: In the factory state, any fingerprint can unlock (the fingerprint light shows blue). After enrollment, other fingerprints cannot be unlocked.

How to determine if fingerprint identification is successful

Successful fingerprint verification:

- The green light flashes once, and the lock is unlocked.

Failed fingerprint verification:

- The red light flashes once.

Registration process:

If there is a timeout during registration, it will exit, and you need to register again after exiting.

First-time fingerprint enrollment method

Method 1:

- A. Press and hold your finger until the blue light stays on, then lift your finger.
- B. Start registering the fingerprint.
- C. Lift and press your finger continuously ten times until the green light is on, then stop. This indicates that the first fingerprint has been registered successfully.

Replace with a second new finger and lift and press continuously ten times until the green light is on, then stop.

This indicates that the second fingerprint has been registered successfully.



Scan the QR code to view fingerprint enrollment

Registered, replace the second finger with a new one and lift it continuously.

Press ten times until the green light comes on and stops.

Indicates successful registration of the second fingerprint.

Note: When entering fingerprints, press once and lift your finger once, don't press it all the time, and enter it. Move your fingers up and down, left and right, and avoid pressing the same part of the finger ten times.

Add a new fingerprint

- A. Use a registered finger to verify successfully, then press and hold until the blue light is on, and lift your finger.
- B. Start enrolling the new fingerprint. Lift and press your finger continuously ten times until the green light is on, then stop. This indicates that the new fingerprint has been registered successfully.



Scan the QR code to view fingerprint adding

Method 2:

- A. After inserting the Key, a blue light indicates a failed match, and a green light indicates a successful match.
- B. After the green light is on, you can start enrolling the fingerprint. A blue light during the enrollment process indicates that the fingerprint is being enrolled. Press different positions of your
- C. finger 10 times, and then a green light will stay on for 2 seconds, which means the fingerprint enrollment is successful. If there is an abnormality during the fingerprint enrollment process, a red light will turn on (up to 20 fingerprints can be enrolled).

Seconds after the finger is pressed 10 times in different positions, which means that the fingerprints are successfully captured; if the fingerprints do not match during the capturing process, the red light will light up. (20 fingerprints)



Fingerprint Enrollment



Fingerprint Adding

Friendly reminder

If the fingerprints of the elderly or children are not distinct, you can enroll the same finger 2-3 times in a row. This makes it easier to recognize the correct fingerprint.

Restore factory settings

Mode 1

All fingerprints are not recoverable after restoring factory settings. (Re-fingerprinting required)

- A. After successful verification with the recorded finger, long press until the blue light is on (long press, please do not lift)
- B. White light is on (long press please do not lift)
- C. Until the red light is on and then released, the green light is on for a while, it means that all fingerprints have been cleared and the factory state is restored.

If USB-Key is purchased as an optional accessory.

Mode 2 (Key must be inserted into the host computer)

Light up the red light by pressing and holding your finger on it. Then, release your finger. The green light will turn on for a while to indicate that formatting has been successful. At this time, the host computer will be restored to its default state.



Factory Reset 1



Factory Reset 2

Morse code setup and usage

- A. If no Morse code setup and usage and if it has been set then the default password is no longer valid.
- B. After restoring the factory status, the setup password is invalidated and becomes the default password.
- C. It will exit when it times out during the Moss Unlock Code setup and use. After exiting, you need to operate again. The red light blinks once when the Morse code setting timeout is exceeded, and the red light blinks once when the Morse code is used. The red light blinks once for Morse code setup and once for Morse code use timeout. (This means you need to do it all over again.)

Morse code unlock setting

- A. After fingerprint unlocking, long press until the blue light is on (long press please do not lift), until the white light is on and then release.
- B. When released, the green light will turn on and the fingerprint will be counted once (e.g. 5 presses will be counted as 5), and the fingerprint will be counted once. Wait for the blue light to turn on after pressing the fingerprint for a set number of times.
- C. When the blue light is on, press the set number of times (e.g. 6 presses is the number 6). Wait for the light to go out after the set number of presses.
- D. The number pressed by the green light and the number pressed by the blue light form a two-digit number (e.g. 56). These two digits are your password, please make sure to remember your password.



Scan code to view Set Morse code

Morse code usage

- A. When the fingerprint cannot unlock the door properly press and hold with any fingerprint until the white light blinks and then releases.
- B. When released, the green light comes on, press the previously set number of times (e.g. 5 times) and wait for the blue light to come on.
- C. Press a set number of times (e.g. 6 times) after the blue light comes on, then wait for the light to go out.
- D. If the red light blinks after the light goes out, the password is incorrect; if the green light blinks, the password is correct.
- E. The lock opens automatically when the code is correct and is restored to its factory state, requiring re-enrolment of the fingerprint.



Scan the code to see Morse Code in use

Low power warning

If the battery is low, the green light flashes when unlocking the door. Then the red light blinks continuously for 5 seconds/the lock opens (indication of low battery).

When the battery is severely low, the red light will flash continuously for 5 seconds and the lock will not open.

Emergency power supply

When the battery is low, it can be connected to a rechargeable battery or mobile plug for external power supply.

NOTE: Use a 5V adapter!