

Operating instructions

1. Two-color LED status list and buzzer working status

Status	Red LED light indication	Green LED light indication	Remarks
Add fingerprint	Failure, the LED light flashes 2 times briefly; the voice prompts "Failed to enter, please re-enter";	Blinking; after 1 successful addition, the voice prompts "Please enter again", after 5 consecutive successful additions, the green light is on for a long time, and the voice prompts "Entry has been completed";	Press and hold the fingerprint for about 5 seconds; When the fingerprint or password has been entered, release your finger when the green light flashes; if the fingerprint or password has not been entered, release your finger when the green light flashes; if you have already entered the administrator, you need to verify the administrator first;
Clear fingerprint	Failure, the LED light flashes 2 times briefly;	After the successful deletion, the green light is on, and the voice prompts "Restore factory settings successfully";	Press and hold the fingerprint for about 15 seconds. When the red light flashes, release your finger. If you have already entered the administrator, you need to verify the administrator first;
Add password	Failure, the LED light flashes 2 times briefly;	Blinking; enter the password (supports the 1-digit to 8-digit password), and then press the enter button. After one successful entry, there is a "tick" sound; after a set of passwords is successfully entered, the voice prompts "Entry is completed";	Press and hold the fingerprint for about 15 seconds. When the red light flashes, release your finger. If you have already entered the administrator, you need to verify the administrator first;
Clear password	Failure, the LED light flashes 2 times briefly;	After the successful deletion, the green light is on and the	Press and hold the fingerprint for about 15 seconds.

		vice prompts “Restore factory setting successfully”;	When the red light flashes, release your finger. If you have already entered the administrator, you need to verify the administrator first;
Fingerprint unlock	If the unlocking fails, the LED light flashes 2 times briefly; the voice prompts “Fingerprint Error”;	Blinking; enter the password (supports the 1-digit to 8-digit password), and then press the enter button. After one successful entry, there is a “tick” sound; after a set of passwords is successfully entered, the voice prompts “Entry is completed”;	Press and hold the fingerprint or password, and release your finger when the green light flashes; if you have not entered the fingerprint or password, release your finger when the green light flashes; if you have already entered the administrator, you need to verify the administrator first.
Password unlock	If the unlocking fails, the LED light flashes 2 times briefly, and the voice prompts “Password error”;	If the unlocking situation has been successfully achieved, the LED flashes briefly; the voice prompts “unlocked”;	After the password comparison is successful, the motor is turned to unlock, waiting for 3s, and the motor is reversed and automatically locked back.
Low-pressure prompt	The LED light flashes 5 times briefly;		Any fingerprint operation;

2. The operating instructions:

* This machine has an administrator. After the administrator passes the verification, the fingerprint can be entered or cleared.

* When the fingerprint is not entered, any fingerprint and initial password can be unlocked; once the fingerprint or password is set, the illegal fingerprint and password cannot be unlocked.

(1) **Add fingerprint:** press and hold the fingerprint for about 5 seconds.

When you have already entered the fingerprint or password, please release your finger when the green light is on. If you have not entered the fingerprint or password, please release your finger when the green light flashes. Wait for the administrator to verify, after the verification is passed, the voice prompt "Verification is successful, please start recording". Point the finger to be placed at the center of the fingerprint collection system If the data is successfully collected, the voice prompts "Please continue to enter". If the entry fails, the red light will flash once and the voice prompts "Failed to enter, please re-enter". If the collection is invalid, a total of 5 successful acquisitions are required. After the 5 acquisitions are

completed, the green light is on for a long time and the voice prompts "Entry is completed", indicating that the fingerprint has been added. The green light is flashing during the entire process of entering the fingerprint (indicating the entry status). Touching fingers require multi-angle acquisition, which is beneficial to the expanded database, it is helpful for the sensitivity of the machine! The first three fingerprints are entered and the first three passwords are the administrator's fingerprint and password.

- (2) **Add password:** press and hold the fingerprint for about 5 seconds. When you have entered the fingerprint or password, please release your finger when the green light is on. If you have not entered the fingerprint or password, please release your finger when the green light flashes. Wait for the administrator to verify, after the verification is passed, the voice prompts "Authentication is successful, please start recording", and enter the password you want to set(supports-digit to 8-digit password length), if the data is successfully collected, the green light flashes. After a "tick", indicating that you can start recording data. If there is no "tick" sound, and the red indicator light is on, it means that the collection is invalid. If the voice prompts "the password is invalid", it means that all the collection is invalid. The password (supporting the 1-digit to 8-digit password) is completed, and then press the ENTER button to confirm the password you just entered; if the voice prompts "Entry has been completed", it means the password is added. Password entry needs to be entered twice; the green light is flashing (indicating the entry status) during the entire fingerprint entry process, and the 8-digit password is supported.
- (3) **Delete all fingerprints, passwords, and Bluetooth data:** press and hold the fingerprint for about 15 seconds. When the red light is on, please release your finger. If the red light is on, wait for the administrator to verify. After the verification is passed, the voice prompts "Restore factory settings successfully, and all fingerprints, passwords, and Bluetooth data are deleted.
- (4) **Normally open mode:** press and hold the fingerprint for about 10 seconds until the red and green lights flash alternately, and release your finger; when you have already entered the administrator, you need to verify the administrator first; after the verification is passed, enter the normally open mode, a valid unlock will automatically cancel the normally open mode.
- (5) **Language switching function:** press and hold the fingerprint for about 20 seconds until the red and green lights flash alternately, and release your finger; when you have already entered the administrator, you need to verify the administrator first; after the verification is passed, the language is automatically switched once. The system uses Chinese by default.
- (6) **Temporary password function:** the administrator APP automatically generates a temporary password, and the visitor can log in to the APP with a temporary password to unlock.

- (7) **Unlock:** Enter the fingerprint or password, if the fingerprint or password is correct, the green light flashes briefly, and the motor rotates and unlocks. After 3 seconds, the motor automatically turns the lock; if the fingerprint is not correct, the green light flashes 2 times.
- (8) **Locking:** it performs mechanical lock.
- (9) **Low voltage:** When the voltage is lower than 3.5V, any fingerprint button contact will cause the red indicator to continue to flash for 5 seconds; when the voltage is low, the fingerprint cannot be entered or deleted, nor can it enter the language setting and enter the normally open mode.