

# YGS-H instruction

## 1. Instructions of YGS-H

The password button is composed of "1, 2, 3, 4, 5" number keys and "#" key.

## 2. Operation

### 2.1 Factory initial state

In the initial state of the factory, the default password of the device is "12345", and the lock can be unlocked after pressing the "12345" and "#" keys or any pressing fingerprint.

### 2.2 Capacity

	Type	Quantity	Function
Admin user	Password (5-12 digitals)	1	Add, delete normal user and feature settings
Normal user	Fingerprint	40	Unlock
	Password (5-12 digitals)	25	

### 2.3 Add the admin password

**2.3.1** In the standby state, touch any button, the lights will all light up at this time;

**2.3.2** Press the "1" key and "#" key, the corresponding light of the 1 key and the light of the # key flash at the same time.

**2.3.3** Enter the admin password and press the # key to confirm. After pressing the # key, the corresponding light of the 1 key and the light of the # key will flash at the same time.

**2.3.4** Enter the admin password again and press # to confirm. After pressing the # key:

If the two passwords entered are the same, the buzzer will beep for a long time, all the lights will be off, and the admin password will be entered successfully;

If the two passwords entered are inconsistent, the buzzer will sound twice, and the corresponding 1 key light and # key light will flash at the same time, waiting for the admin password to be entered again. If the password is not successfully entered for 5 consecutive times, all the lights will be off at the end, and the admin password entry will be unsuccessful, and it will automatically exit.

Timeout processing: If there is no operation in the above operation steps within 10 seconds, the system will automatically exit the current operation.

## **2.4 Add user password**

**2.4.1** In the standby state, touch any button, the lights will all light up at this time;

**2.4.2** Press the "1" key and the "#" key, the corresponding light of the 1 key and the light of the # key are always on at the same time.

**2.4.3** Enter the admin password and press the # key to confirm.

After pressing the # key:

If the admin password is successfully confirmed, the corresponding 1 key light and # key light will flash at the same time, and then the user password can be entered.

If the admin password confirmation is unsuccessful, the corresponding 1 key light and # key light will be on at the same time, waiting for the admin password to be entered again. If the admin password is not entered successfully for 5 consecutive times, it will automatically exit.

**2.4.4** Enter the user password and press the # key to confirm. After pressing the # key, the corresponding light of the 1 key and the light of the # key will flash at the same time.

**2.4.5** Re-enter the user password and press the # key to confirm.

After pressing the # key:

If the two passwords entered are the same, the buzzer will beep for a long time, all the lights will be off, and the user password will be entered successfully;

If the two passwords entered are inconsistent, the buzzer will sound twice, and the corresponding 1 key light and # key light will flash at the same time, waiting for the user password to be entered again. If the password is not successfully entered for 5 consecutive times, all the lights will be off at the end, and the user password entry will be unsuccessful, and it will automatically exit.

## **2.5 Add user fingerprint**

Only after the admin password is confirmed, can the user's fingerprint be entered, the operation method is as follows:

**2.5.1** In the standby state, touch any button, the lights will all light up at this time;

**2.5.2** Press the "2" key and the "#" key, the corresponding light of the 2 key and the light of the # key are always on at the same time.

**2.5.3** Enter the admin password and press the # key to confirm.

**2.5.4** Enter the user's fingerprint, after a single fingerprint is entered successfully, the buzzer will sound once and a light will turn on. After 3 successful entries, the light corresponding to 123 will be on and the buzzer will beep for a long time, indicating that the user's fingerprint has been entered successfully, and then the system will automatically exit the current operation.

Timeout processing: If there is no operation within 10 seconds in the above operation steps, the system will automatically exit the current operation.

## **2.6 Restore factory settings**

Restore factory settings, that is, delete all passwords and fingerprints, there are two ways to operate.

### **Method 1: Enter the admin password to restore the factory**

1. In the standby state, touch any button, the lights will all light up at this time;
2. Press the "3" key and "#" key, the corresponding 3 key light and # key light flashes at the same time.
3. Enter the admin password and press the # key to confirm.

It will flash once and the buzzer will sound once. After pressing the # key: If the admin password is successfully confirmed, the buzzer will beep for a long time, all the lights will go out, and the factory restoration will succeed.

If the admin password confirmation is unsuccessful, the corresponding 3 key light and # key light will flash at the same time, waiting for the admin password to be entered again. If the admin password is not entered successfully for 5 consecutive times, it will automatically exit.

Timeout processing: If there is no operation within 10 seconds in the above operation steps, the system will automatically exit the current operation.

**Method 2: Long press the clear key** (the button is invisible on the panel) **to restore the factory**

Long press the clear button for 3 seconds, the system will automatically restore to the factory, the restoration is successful, the buzzer will beep three times, and the system will automatically exit the current operation.

### **3. Charging instructions for lock**

#### **3.1 Low pressure alarm**

When the battery voltage is lower than 3.5V, if there is a button operation or fingerprint unlocking operation, after the operation is over, the light will automatically run 2 circles, indicating that the battery is insufficient and it needs to be charged.

#### **3.2 Low voltage protection**

When the battery voltage is lower than 3.2V, it will enter the low-voltage protection state, no matter if you touch the fingerprint or the button, there will be no response. At this time, you need to plug in the USB for charging to resume normal operation.