# Wired and Wireless Addressable Fire Alarm Control Panel

# User Manual


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# Applicable model

AW-FPy,
(y = 032, 064, 128, 214)

# Version description

| Version | Description | Date |
|---|---|---|
| V1.0 | First established. | October 24th 2022 |
| V1.1 | Added GSM and CAN instructions | January 10th, 2023 |
| V1.2.1 | Manual update | May 5th, 2023 |
| V1.2.2 | Manual update | August 3rd, 2023 |
| V1.3 | Added Customize device, Fault shield.Optimization USB description | September 7th, 2023 |
| V1.3.1 | Modify parameters. Added Floor Set,Update Image | September 27th, 2023 |
| V1.3.2 | Added TÜV Label | October 23rd, 2023 |
| V1.3.3 | Modify parameters.Modify working temperature | December 27th, 2024 |

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# 1 Product specification

## Overview

AW-FPy wired wireless fire alarm control panel adopts 3.2-inch LCD screen, key operation, simple operation, beautiful man-machine interface.

The wired circuit of the machine can be connected to 128 devices, 80 groups of wireless circuits, a wireless circuit can be connected to 20 wireless devices, such as smoke detector, temperature detector, input and output module, etc.

Two kinds of configuration equipment test.

1. the panel hand, automatic registration of all the equipment in the wired loop.

2. The computer software configures the device status.

Panel can communicate with each other for remote control.

Mobile phone GSM can receive alarm information.

An independent linkage group can be set up for devices in each zone. When a device generates an alarm, the device can be activated by strobe based on the zone Link group Settings.

## Features

1.1 3.2-inch LCD display screen operation.
1.2 All addressable devices use a two-wire system.
1.3 A single loop can connect 128 wired addressable devices.
1.4 Up to 980 records of history can be saved (save when power off).
1.5 There are four access levels.
1.6 It has a rechargeable backup battery.
1.7 Can simply judge the running status of the machine based on the LED lights.
1.8 Automatic search device
1.9 Each of the CAN communication eight panels be controlled remotely
1.10 USB software upper computer to check and set the device status and fire history records
1.11 It can connect 10 mobile phone numbers to receive panel alarm information (GSM module must be added)

## LCD Display Screen and Button Introduction

- LCD display screen: It is used to display all alarm information and configuration information of all current systems, and can set various contents of the system through button.
- Reset: After pressing the reset button, the panel will reset the whole system.
- Evac (Evacuate): Activate the fire alarm signal output to drive external devices alarm and panel buzzer.
- Buzzer Silence: The panel buzzer can be silenced, and re-sound when a new fault or fire alarm is detected.
- Sounder Silence: It can silence the external alarm devices of the panel and restart the external devices when new fire alarm is detected.
- F.A DIS/EN: Press this button to disable or enable F.A Output



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- S.C DIS/EN: Press this button to disable or enable S.C Output
- After pressing the test button, all the LED lights in the Panel light up in sequence in line units to realize self-check. It does not affect the original state after completion.
- Login: On the home page, press the Login key to enter the login permission and select different access levels (If the password is entered correctly, the Login key indicator is on).

## LED Indicator Status Specification

| Indicator Name | Color | Status specification |
|---|---|---|
| **Fire Alarm** | **Red** | When there is a fire alarm, the light will be on |
| **Pre-Alarm** | **Red** | When the pre-alarm, the indicator will be on |
| **Delay** | **Yellow** | When the panel is waiting for the alarm delay, the indicator will be on. |
| **Power** | **Green** | When the panel works, the power indicator will be on. |
| **Mains Fault** | **Yellow** | When the mains fail, the indicator will be on |
| **Supervisory** | **Green** | When the system detects any Supervisory information, the indicator will be on. |
| **System Fault** | **Yellow** | When the panel program or memory fails, the indicator will be on (**NOTE:** The failure will be locked until the reset key is pressed). |
| **General Fault** | **Yellow** | This indicator will be on when there is any malfunction in the system. |
| **General Disable** | **Yellow** | This indicator will be on when the panel has a disabled device. |
| **Login** | **Green** | When the login permission page is displayed, this indicator is on. |
| **F.A DIS/EN** | **Yellow** | When the F.A Output disabled, the indicator will be on. |
| **S.C DIS/EN** | **Yellow** | When the S.C Output disabled, the indicator will be on. |
| **Test** | **Green** | When the test button is pressed, the light will be on until the test is completed. |
| **Evac** | **Red** | When the system is in an evacuation state, the light will be on. |
| **Buzzer Silence** | **Yellow** | This indicator will be on when the panel is silenced. |
| **Sounder Silence** | **Yellow** | This indicator will be on when the panel is silenced remotely. |
| **Reset** | **Green** | When after pressing the reset button, the indicator will be on, turns off after reset is complete |

## Button Function

| Button | Function |
|---|---|
|  | * key indicator light, digital input state; Press * key indicator off, English input status |
|  | Move cursor up or page up |
|  | Move cursor down or page down |
|  | One to the left |
|  | Move it one place to the right |
|  | Enter the Confirm key |
|  | The login permission page is displayed |
|  | The detailed menu bar page is displayed |
|  | Used to delete the key when the input is incorrect |
|  | Return to the previous page in the menu and submenu |
|  | Press it to disable F.A Output, press it again to cancel disable. |
|  | Press it to disable S.C Output, press it again to cancel disable. |
|  | Test all the LED lights on the panel after pressing, and the original state will not be affected after the end. |
|  | Press to activate all output devices, press again to cancel. (Does not affect the output device that originally activated the alarm) |
|  | Mute the panel buzzer that is ringing (if there is a new alarm or a new fault, it will sound again), press it again to cancel the mute |

| | |
|---|---|
|  | Mute the activated output device (if there is a new alarm or a new fault, it will sound again), press it again to cancel the mute |
|  | Reset the Panel to the non-alarm state |

## Electrical Parameters

| | | |
|---|---|---|
| Rated input voltage | **100-240VAC** | |
| Standby battery | **Two 12V/2.3A lead-acid batteries in series** | |
| Work environment | **Relative humidity (<95%) at -10 ~50℃, no condensation)** | |
| Fuse | **AC power input fuse** | **3.15A/250V 5*20mm, Glass tube fuse slowly blow** |
| | **Battery output fuse** | **3.15A/250V 5*20mm, Glass tube fuse, slowly blow** |
| Auxiliary power supply | Resettable 24VDC 200mA (Max) | |
| F.A output | Relay, normal open with NO - COM, and will close when fire alarm. | |
| Fault output | Realy, normal open with NO - COM, and will close when fault. | |
| S.C output | Normal state output - 12VDC, Active state output - 24VDC/200mA (Max) | |
| Maximum Load Current per Loop | **24VDC 3A(Max)** | |
| Wireless Frequency | **433MHz** | |
| Terminal blocks rating | All terminals rated for 12 to18 AWG (0.75 to 2.5 $mm^2$)<br>Screened or unscreened twisted-pair,<br>Transmission distance ≤1000m | |



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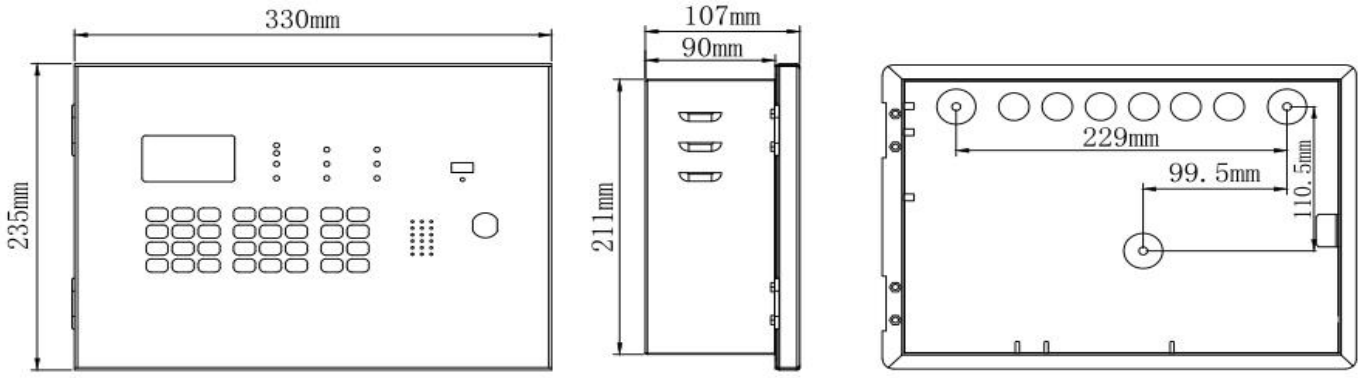
## Mounting

1. The panel should be installed on the dry, flat wall, keep in line of sight height and horizontal position to ensure the balance of the external chassis. Install the panel in three fixed positions using bolts or bolts with a diameter of 6mm(M6).
2. The panel should not be installed in sealed environments or near heaters. Appropriate insulated cables should be used in the corresponding positions. If additional cable entry points are required, all debris and debris generated by drilling holes must be removed before the panel is energized.
3. Preparations: Make sure the installation location is free of construction dust, debris, extreme temperature range and humidity.
4. The ground wire is then connected to the AC power supply. We recommend 16AWG to the AC power supply.
5. Before connecting the power cord to the panel, make sure that the total power supply has been disconnected. Do not operate live.
6. Before connecting the backup battery, the FPy should be connected to the main power supply.

### Panel side view, front view and mounting diagram




**Front view** **Side view** **Mounting diagram**

# 2 Technical specification



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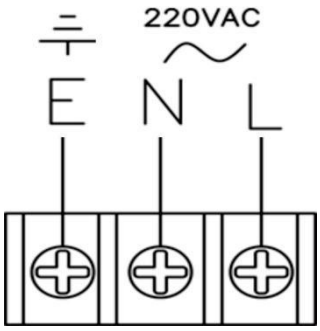
## 2.1 AC Power connection

**NOTE: before wiring, please ensure that all power is disconnect to prevent electric shock!**

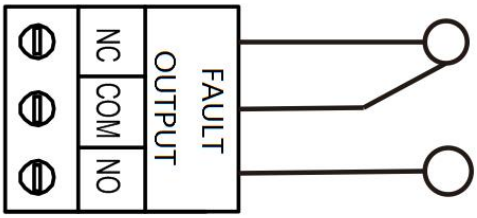
Connecting the AC power cable to the panel, pay attention to the order of E/N/L, insert it into three pin terminals (5mm apart) and screw up. Wire must be between 0.75 and 2.5 $mm^2$.




## 2.2 FAULT OUTPUT

This terminal is wiring to other external alarm devices.

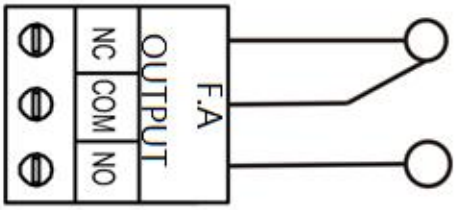
This terminal is in normally closed mode under normal conditions, and COM-NC is closed. If there is a fault alarm output, it will switch to the normally open mode and COM-NO will be closed.




## 2.3 F.A OUTPUT

This terminal is wiring to other external alarm devices.

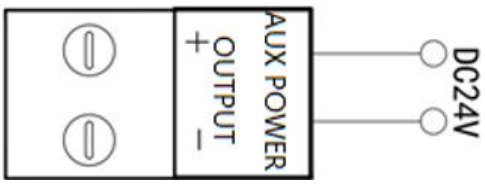
This terminal is in normally closed mode under normal conditions, and COM-NC is closed. If there is a fire alarm output, it will switch to the normally open mode and COM-NO will be closed.




## 2.4 AUX POWER OUTPUT

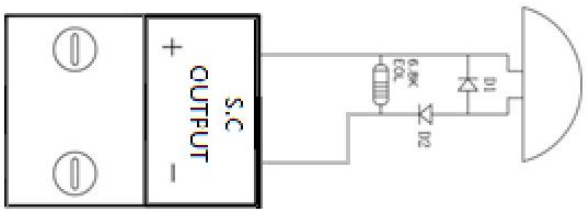
This terminal output signal of a resettable 24VDC, which maximum output current is 200mA.

**Pay attention to the positive and negative of the terminal when wiring.**




## 2.5 S.C OUTPUT

This terminal output signal of external conventional alarm bell or strobe lights. Pay attention to the polarity of the terminal when wiring, and paralleled connect a 6.8KΩ/1W resistor in the end of the output circuit.



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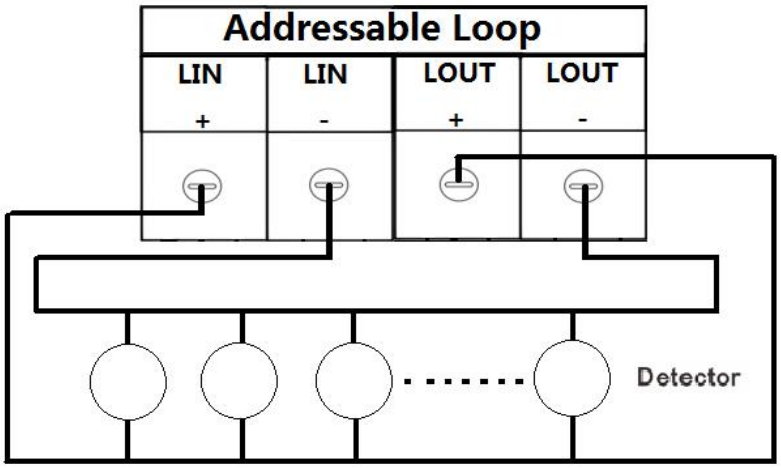
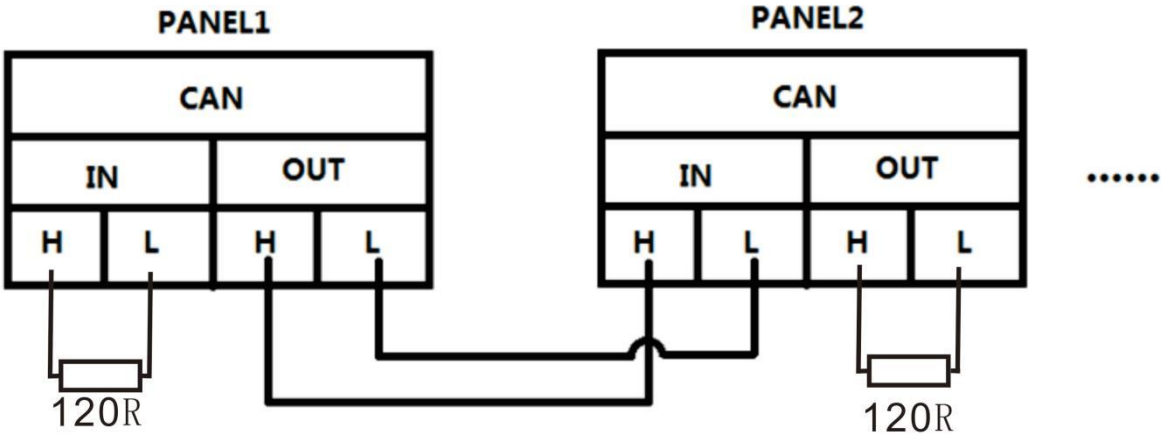
## 2.6 Loop in and loop out terminal




This terminal wiring to the external devices input and output.

**CAN**




This terminal is wired to connect to other panels.

CAN communication 8 panels can be connected.

**NOTE:** The CAN communication cable connecting the CAN interface of the first panel and the last panel needs to be connected with a resistance of 120R. The CAN communication connection method is shown in the figure above.

**NOTE:** A maximum of 20 horn strobes or Fire bells can be connected when there is no battery power supply.

**GSM MODULE terminal strip**

It can be connected to the GSM module matched by this product, which is used for the mobile phone to receive the panel alarm information.



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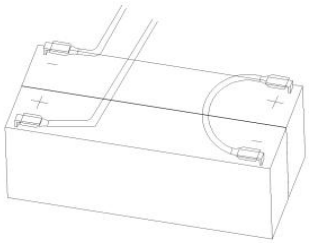
### 2.7 Battery connection

The panel has two build-in lead-acid batteries (12V/2.3A) with series-connected. Wiring the battery to the power module with the red (positive) and black (negative) wires. The batteries should be fixed in the cabinet.



# 3 Home screen and main menu description

### Home screen specification

When the system is running properly, all the columns displayed on the main page are empty. As shown in Figure 1, the date, time, access level, and event number are displayed at the bottom of the page.

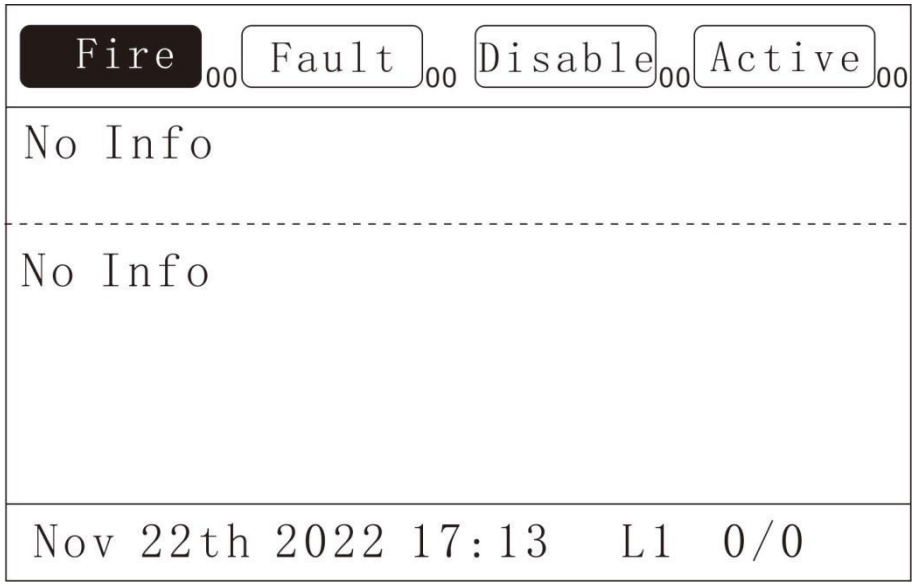



**Figure 1 Home screen under normal running**

When anything happens, they are displayed in the event column corresponding to the main screen, with the corresponding event tag subscript number representing the number of things that happened. For example, the detector sends a fire alarm signal to the control panel, which will be displayed on the Fire page in Figure 2.



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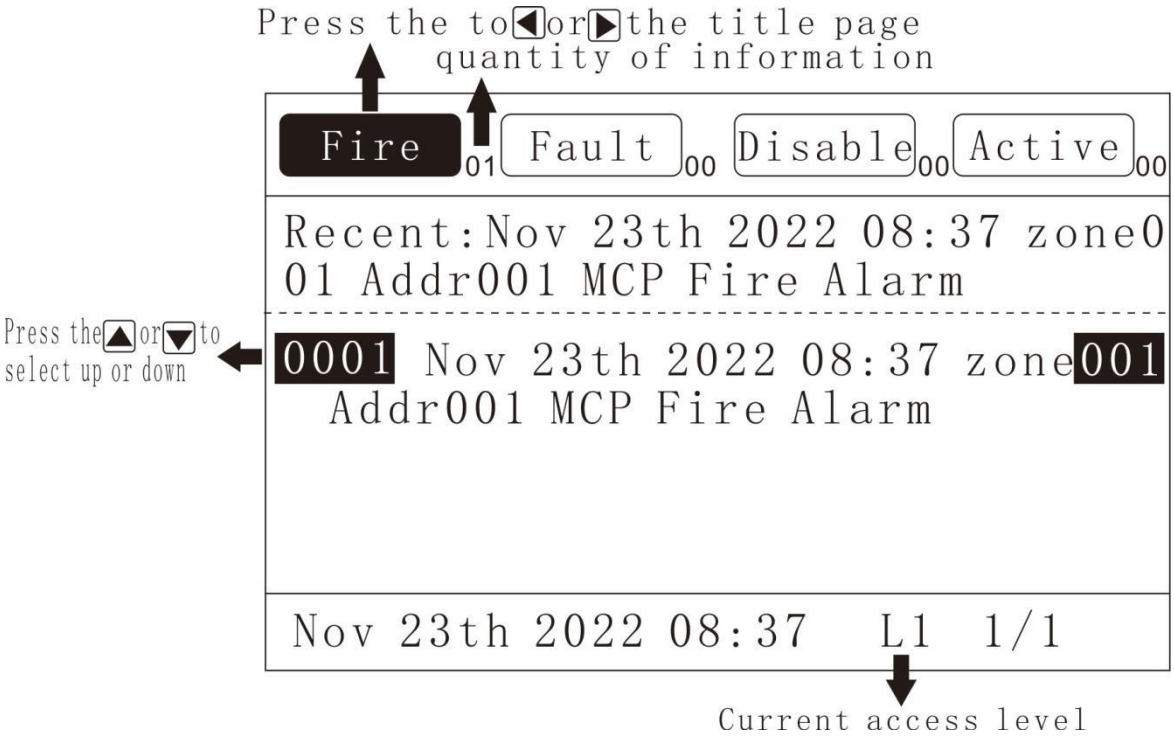



**Figure 2 Home screen display-Fire**

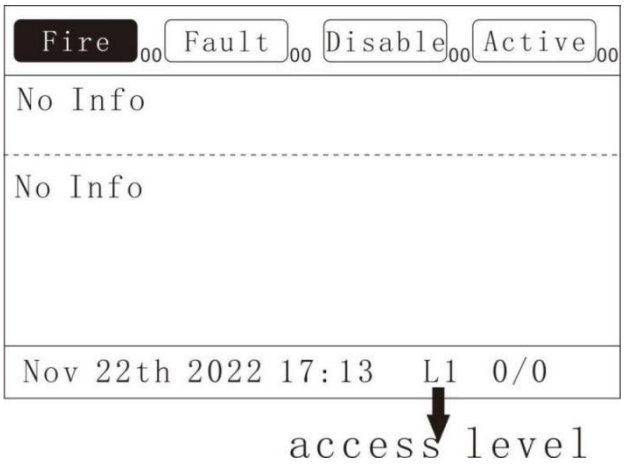
Disable information for devices or Zones will be displayed in the Disable column.

When any fault occurs, it will be displayed in the Fault column.

The information when the strobe sounder is activated will be displayed in the Activation column.

Press the left or right arrow keys to toggle labels.

### Level 4 Access level Description and login operations




**The number of access levels is shown in Figure 3**

**L1:** Normal users can view alarms, fault information, and historical records on the menu page without passwords.



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**L2:** The default password of the Admin user is 1111. You can customize the password. For details, see the Settings section below. This access level allows you to operate the DIS button, EVAC button, and Reset button

**L3:** The password of the Super Admin user is 2222. You can customize the password. For details, see the Settings section below. You can configure the device on the setting page.

Press the login key on the home page or main menu interface to enter the login permission interface, as shown in Figure 4. Select different login users through the up/down keys, the keyboard "*" indicator light, digital keyboard permission open, can be used to input the password, if there is a password input error, you can delete by the delete key, Enter the password is completed, press Enter to confirm, if the password is correct, the login indicator light, return to the home page, if the password is wrong, The "PASS error! Window, press Enter to return to the login screen, and enter the password again.

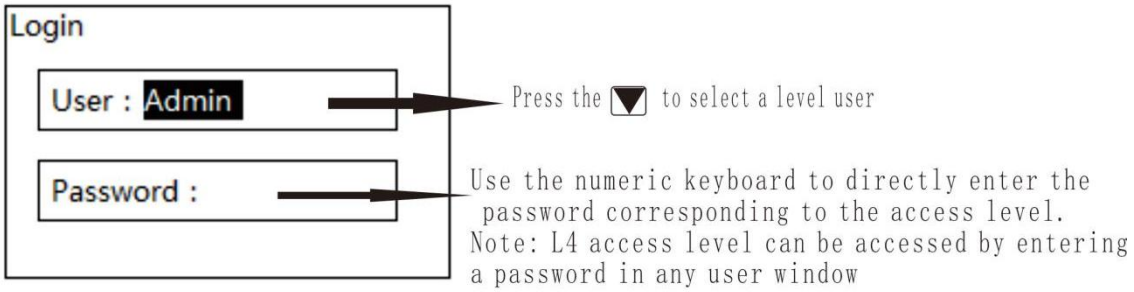


**Figure 4. The login page is shown in the following figure**

## Main menu specification

If different users do not have permission to perform operations beyond their permission, the no permission page will pop up, as shown in Figure 5.

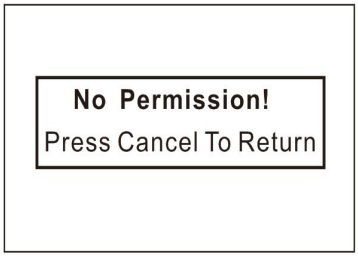


**Figure 5. No Permission!**

Figure 6 shows the display interface after entering the menu, which contains a variety of functional settings and operations. In the main menu interface, it includes Disable, panel settings and other settings.

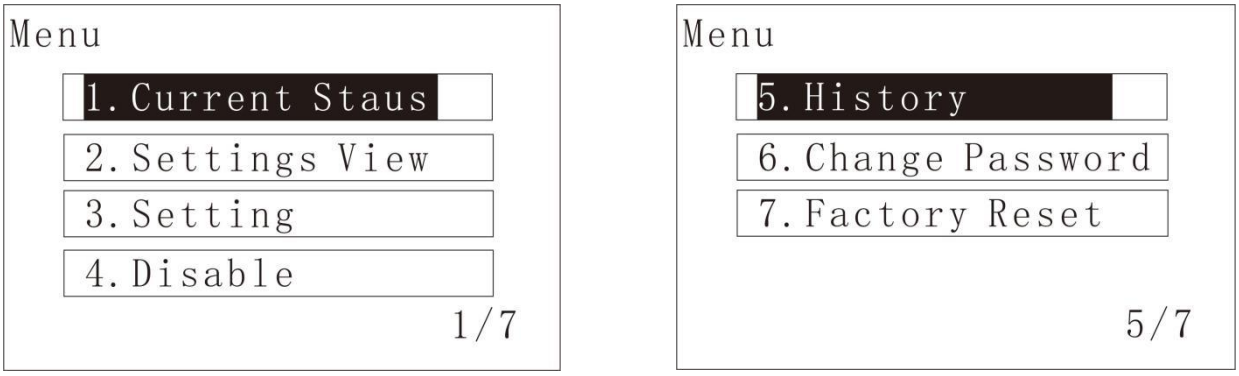


**Figure 6 Main menu**

- Current Status: Users can view the fire alarm details and fault details of each zone. Press. Enter to switch to select page number or zone, and use the up and down arrows to scroll through the selected page number or zone.
- View all Settings: After input, you can view the registration status of loop devices and wireless devices, and view area linkage Settings. In register view and wireless register. In the view, the corresponding device in Type is mentioned in a later section. Zone indicates the Zone to be configured, Link indicates the Group to be wired, and Group indicates the Group to be wireless. In REG.,1 indicates the enabled device, 0 is not.
- Setting: Various settings can be modified in this menu, such as Panel config, Register Set, Wireless Reg. Set, Zone Link Set, Time Set, GSM Set, Can Set and USB Data In Or Out.
- Disable: In this menu, you can select the device to disable, including positive zone disable, wired device disable and wireless device disable.
- History: Users can select a history page to view fire alarm history, fault history, Active history and History Clean. Change Password: Users can set passwords for different access levels.
- Factory Reset: If the user has logged in to the L4 access level, you can use this function to restore factory Settings.

# 4 Main menu configuration and operation

Users can configure directly on the control panel to save installation time; easy-to-use software makes it easy for users without experience; press the Enter button on the main screen to enter other functions.

### a) The suggestion before configuration

Before configuring, it is highly recommended to follow the procedure below to prevent errors that may cause reconfiguration.

- Make a record sheet to get the exact information for all devices, repeaters and Zones. Carefully assign addresses to all devices.
- Assemble and power the panel to check that all boards are securely installed.

- Please read this manual before configuration.
- Configure all devices and test the system. Testing can be done point-to-point using test methods, as described in subsequent chapters of this chapter.

### b) Setting

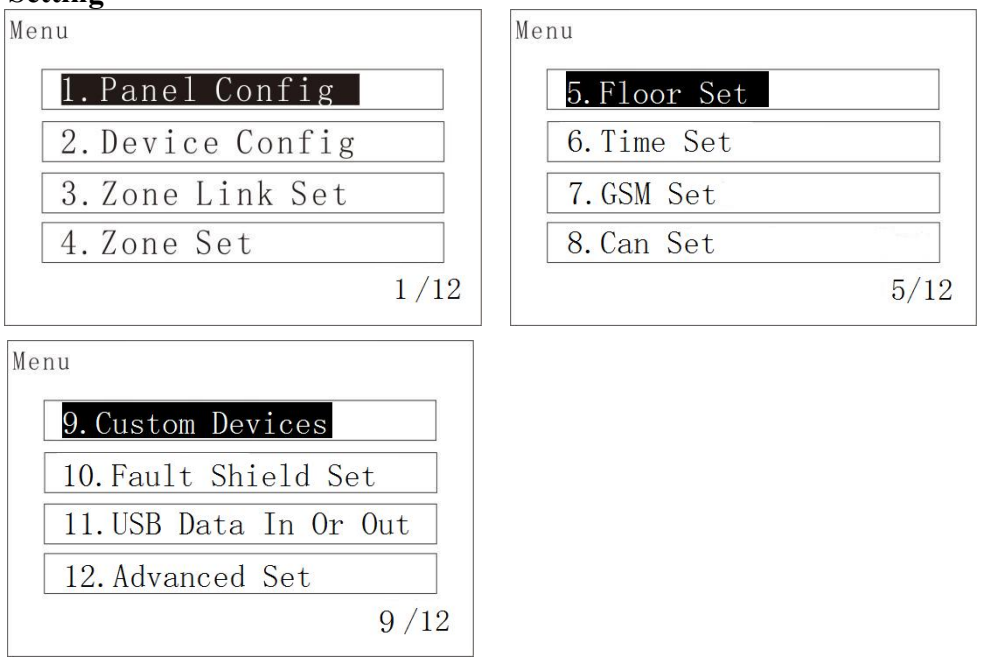


**Figure 7. The Settings menu is displayed**

The user has logged in to the access level above L3 and can enter the Setting Menu screen.

Enter the main MenU-3. Setting as shown in Figure 7.

### c) Panel Config

Enter the "main Menu" – "3. Setting" – "1. Panel Config" is shown in Figure 8.

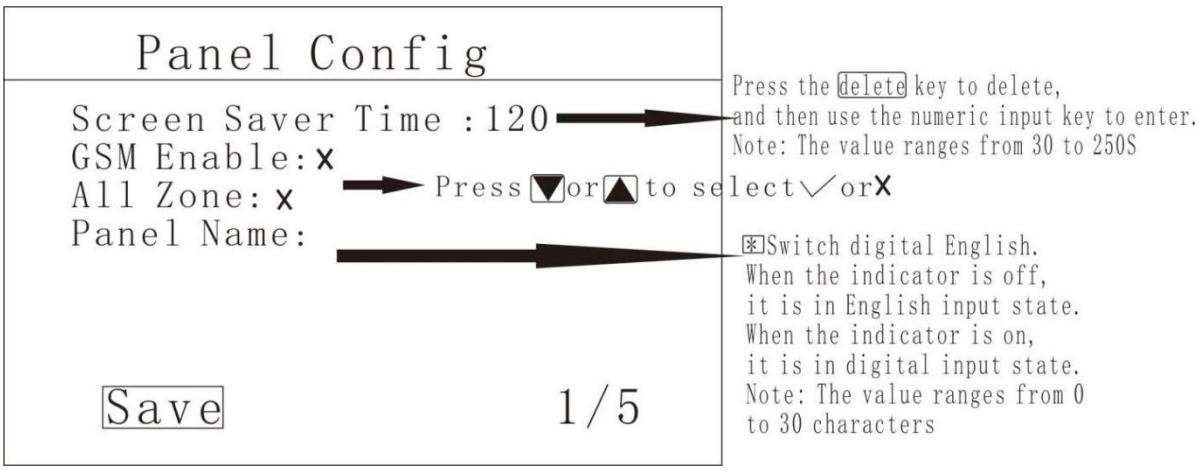


**Figure 8. Panel Config Sets the interface**



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- Screen Saver Time： Set the screen saver time range to 30S to 250S

- GSM Enable: "√"Enables the function of the local GSM module, "×"Indicates that the local GSM module is disabled

- All Zone: "√"Indicates that all probe devices are zone1 by default, "×"Indicates that the zone1 function is disabled for all probe devices by default

- Panel Name: Set the local name of the local host. The name contains 0 to 30 characters.

### d) Device Config

Enter the “main Menu” – “3. Setting” – “2. Device Config” is shown in Figure 9.


**Figure 9. The device Settings menu is displayed**

Wire Dev Config: Set addr, Type, ZONE, Link, Registered, Group, and Location of the wired device.

Wire Dev Config: Set the group, address, type, ZONE, link, registered, and location of the wireless device.

Device Search: Automatic search for all wired devices in the loop.

### e) Wire Dev Config

Enter the “main Menu” - “3. Setting” - “2. Device Config” – “1. Wire Dev Config” is shown in Figure 10.



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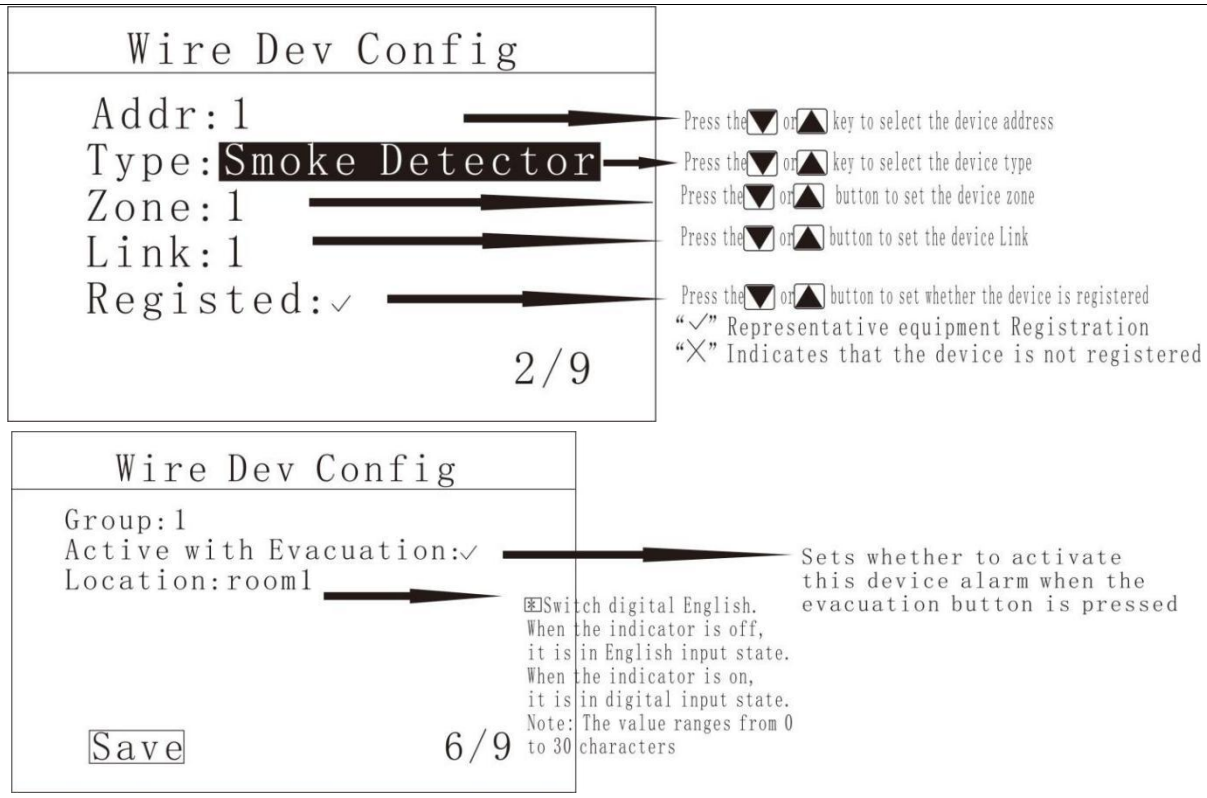


**Figure 10. Cable device menu setting screen**

**addr** Indicates the address of the selected device: address number 1-128.

Type has 22 device types corresponding to 1-Smoke Detector, 2-Heat Detector, 3-Combination Detector, 4-MCP, 5-Horn Strobe, 6- Fire Bell, 7- Annunciator Panel, 8- Control Module-Sound,9- Control Module-Normal,10- Relay Module-Sound,11- Relay Module-Normal,12- Monitor Module-Fire,13- Monitor Module-Normal,14- Supervisory Module-Fire,15- Supervisory Module-Normal,16- Power Transmitter,17- Horn Strobe Base,18- Input / Output Module,19- Wireless Horn Strobe,20- LPG gas detector,21- CO Detector,22- Beam Smoke Detector, 23- Flame Detector, 24-33 Wire Customize 1-10 .

- Zone can assign zones 1 to 120 for the selected device.
- Link can set the linkage group, generally only the output device needs to be set, with 1 to 120 groups.
- Registered sets whether the device is enabled.
- A group is used to connect Wireless Horn Strobe to other wireless devices for wireless grouping. For example: The user connects a Wireless Smoke Detector to a Wireless MCP via a Wireless Horn Strobe, only when the group of Wireless Smoke Detector and Wireless MCP is the same as that of Wireless Horn Strobe, can the wireless connection be successful. with 1 to 80 groups.
- Active with Evacuation is valid for Horn Strobe or Wireless Horn Strobe Settings (the Evacuation is not valid for other devices). Press the evacuation button to enable the Horn Strobe function.
- Location Indicates the location of the device. The value contains 0 to 30 characters.
- After completing more than one device Settings, press "Save" to confirm, and then enter the next device Settings.



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### f) Wireless Dev Config

Enter the “main Menu” – “3. Setting” – “3. Wireless Dev Config” is shown in Figure 11.

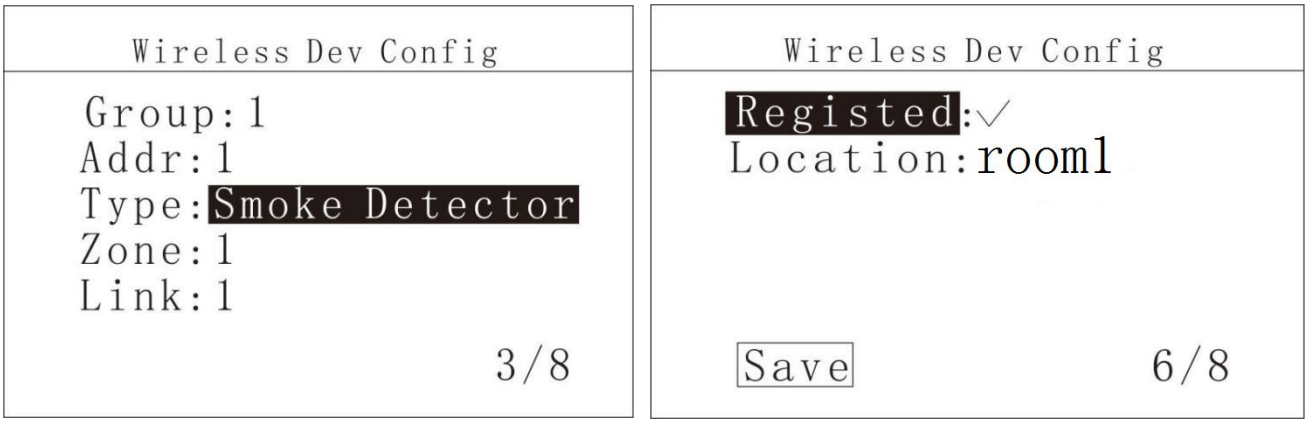


**Figure 11. Wireless Device Settings menu page**

Group can assign Group 1 to 120 for the selected wireless device.

**addr** Indicates the address of the selected device: address number 1-20.

**Type:** There are 7 device types corresponding to1- Wireless Smoke Detector, 2- Wireless Heat Detector, 3- Wireless Combination Detector, 4- Wireless MCP, 5- Wireless LPG detector, 6- Wireless CO Detector, 7- WL Beam Smoke Detector, 8-17 Wireless Customize 1-10.

Zone can assign zones 1 to 120 for the selected device.

Link can set the linkage group, generally only the output device needs to be set, with 1 to 120 groups.

Registered sets whether the device is enabled.

Location Indicates the location of the device. The value contains 0 to 30 characters.

After completing the above settings, press "Save" to confirm, and then proceed to the next device settings.

### g) Device Search

Select the "Device Search" menu, and the "The system is working. The maximum remaining time is 150seconds.Please wait." window will appear to search and register all devices connected in the loop.

The Operate Successful screen is displayed, indicating that the search is complete. Press Enter to return to the Device Config menu. There are two ways to check whether the device is registered. 1. Select “1. Wire Dev Config” to check whether the device is registered. 2. On the main menu window, select "2. View All Settings" and then select "1. Register View" to view the device status.

## Zone Link Set

The zone linkage group can be set in Zone Link Set. As shown in Figure 12.

This setting can activate the output device of the linked group after the device in a certain zone alarm.

First select the zone in "Zone", then select the group to be linked in "Link Group", then √ in "Enable", and finally "Save" to save.

**NOTE:** One zone can correspond to multiple linkage groups, and one linkage group can also correspond to multiple zones.

Every time a linkage is set, you need to Save and then set the next linkage group.

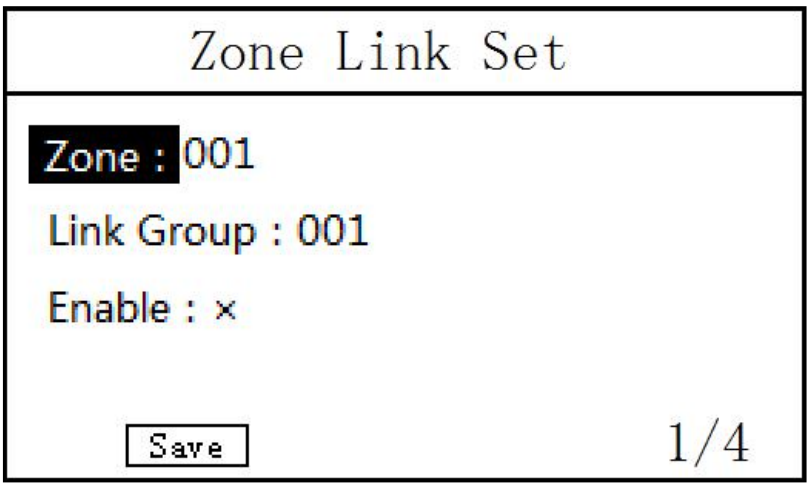


**Figure 12. Zone Link Set**



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## Zone Set

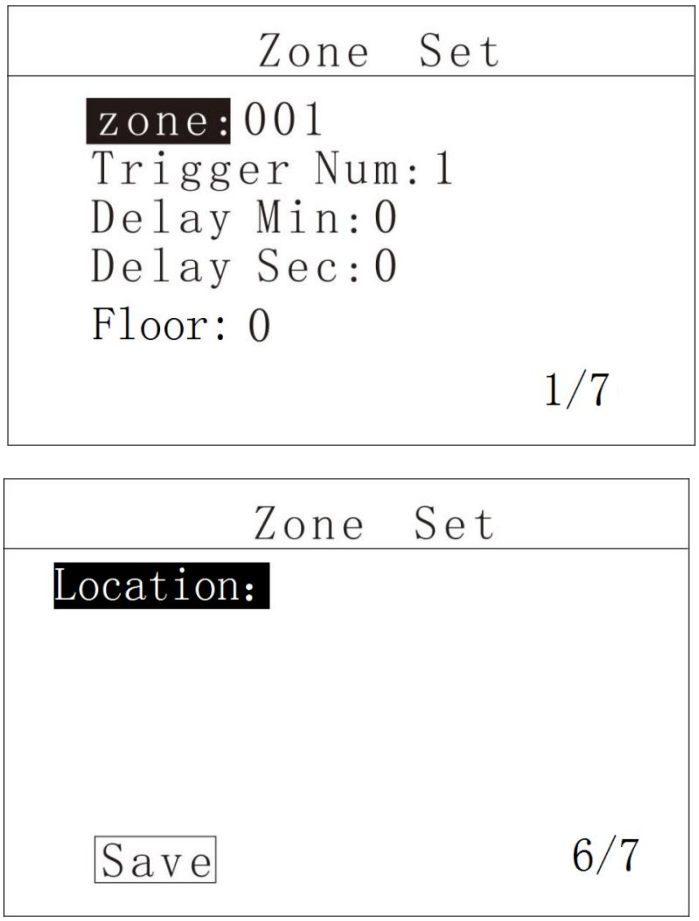


**Figure 13. Zone Set**

Enter the "main Menu" – "3. Setting" – "4. Zone Set" is shown in Figure 13

## Zone set interface

1. Mainly set the number of detection devices triggered in each zone. When the number of detection devices triggered reaches the set value, the host will judge the fire alarm and linkage the sound and light alarm.

2. You can also set the delay alarm time, in order to confirm whether the fire alarm for the user, but if the alarm is triggered by the hand alarm, it will not delay the alarm.

3. Set the Location of the zone to facilitate zone identification.

4. For example, if the user sets" zone1, Trigger number 2, Delay time 1min, and Location room1", click Save. If a device alarm occurs in zone1, the host will not trigger the linkage alarm device. If zone1 has another device alarm, the host will connect the Horn Strobe alarm 1MIN later, and the alarm information will be displayed on the fire alarm page.

5. Set the floor where the zone is located, each zone corresponds to a floor.



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## Floor Set

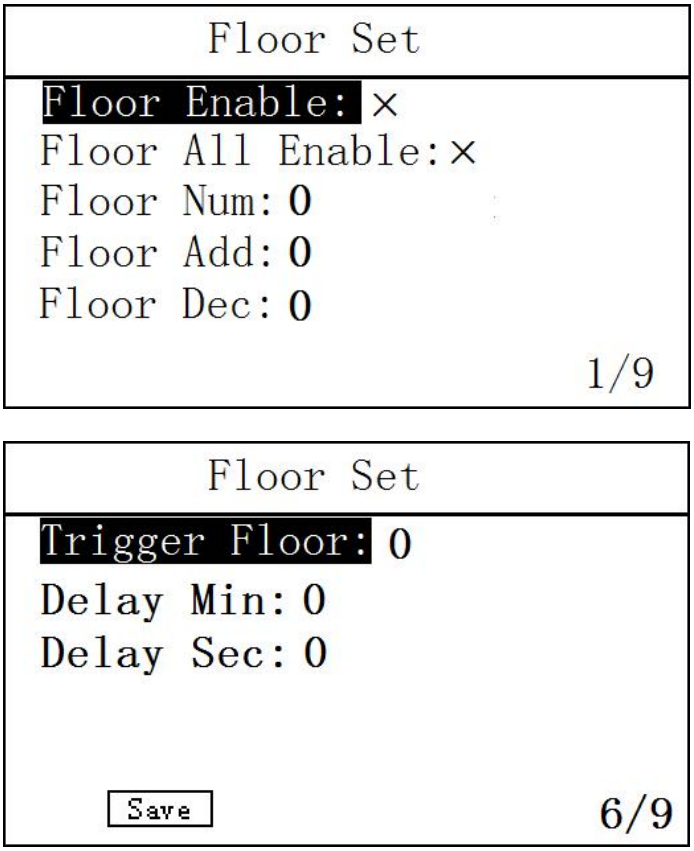


**Figure 14**

Enter the "main Menu" – "3. Setting" – "5. Floor Set"

**Floor Enable:** Floor linkage function enable switch.

**Floor All Enable:** If this function is turned on, all floors will start linkage after the delay time finishes in Trigger Floor: 16.

**Floor Num:** Set starting floor 1 - 120,Calculate the number of links based on this floor.

**Floor Add:** Upper linkage number setting 0 - 15,For example, if the triggering floor is the 10th floor, then this setting can be linked up to the 25th floor at most.

**Floor Dec:** Lower linkage number setting 0 - 15,For example, if the triggering floor is the 10th floor, then this setting can be linked up to the 1st floor at most.

**Trigger Floor:** Floor delay, the upper limit is 16, the lower limit is 0, where 0-15 is the number of floors to set the linkage delay, and 16 is the delay setting of Floor All Enable.

**Delay Min:** Set delay time/minute,Delay setting can be used to set the floor linkage delay time that is different from the trigger floor. For example, when the trigger floor is on the 10th floor and the Trigger Floor is set to 1, the delay time for the 9th and 11th floor linkage is set.The maximum value is 10 minutes.

**Delay Sec:** Set delay time/second,Delay setting can be used to set the floor linkage delay time that is different from the trigger floor. For example, when the trigger floor is on the 10th floor and the Trigger Floor is set to 1, the delay time for the 9th and 11th floor linkage is set.



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## Time Set

The system time of AW-FPy Panel can be set in Time Set.
As shown in Figure 15.

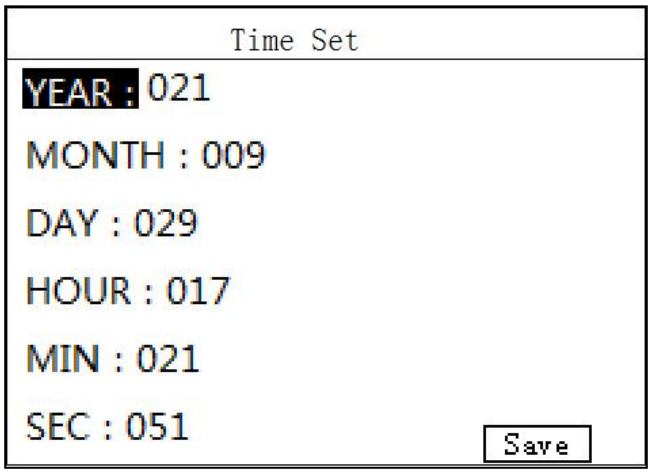



**Figure 15. Time Set**

## GSM Set

Enter the “main Menu” – “3. Setting” – “7. GSM Set” is shown in Figure 16.

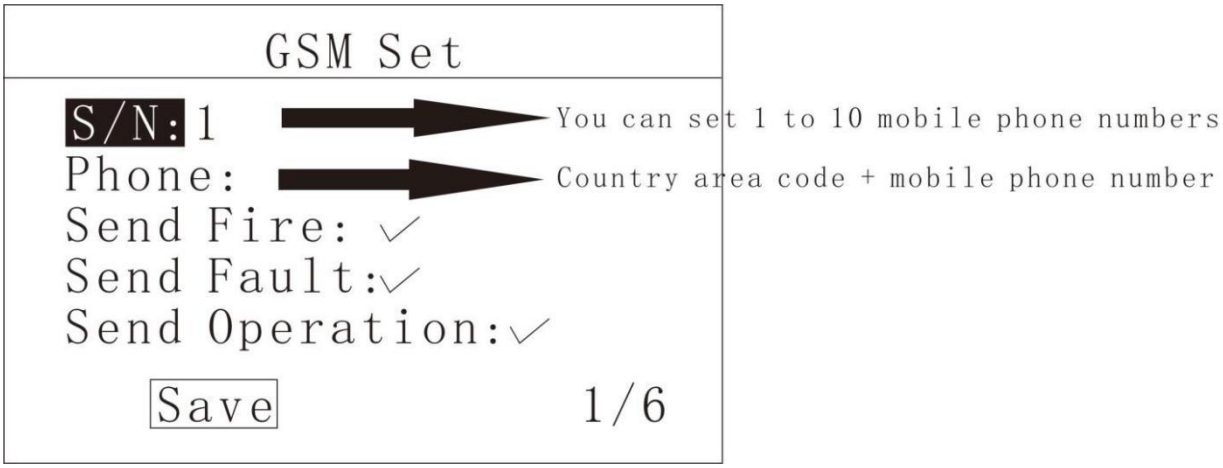



**Figure 16.GSM Set**

GSM function: In case of fire or equipment failure, the operation information is sent to the specified user's mobile phone. S/N: Mobile phone serial number.

**NOTE:** Only when the GSM module is connected to the machine, can the GSM function be used. When setting GSM, first open the "GSM Enable" function in "Panel Config" and then set the GSM function.

## Can Set

Enter the “main Menu” – “3. Setting” – “8. Can Set” is shown in Figure 17.

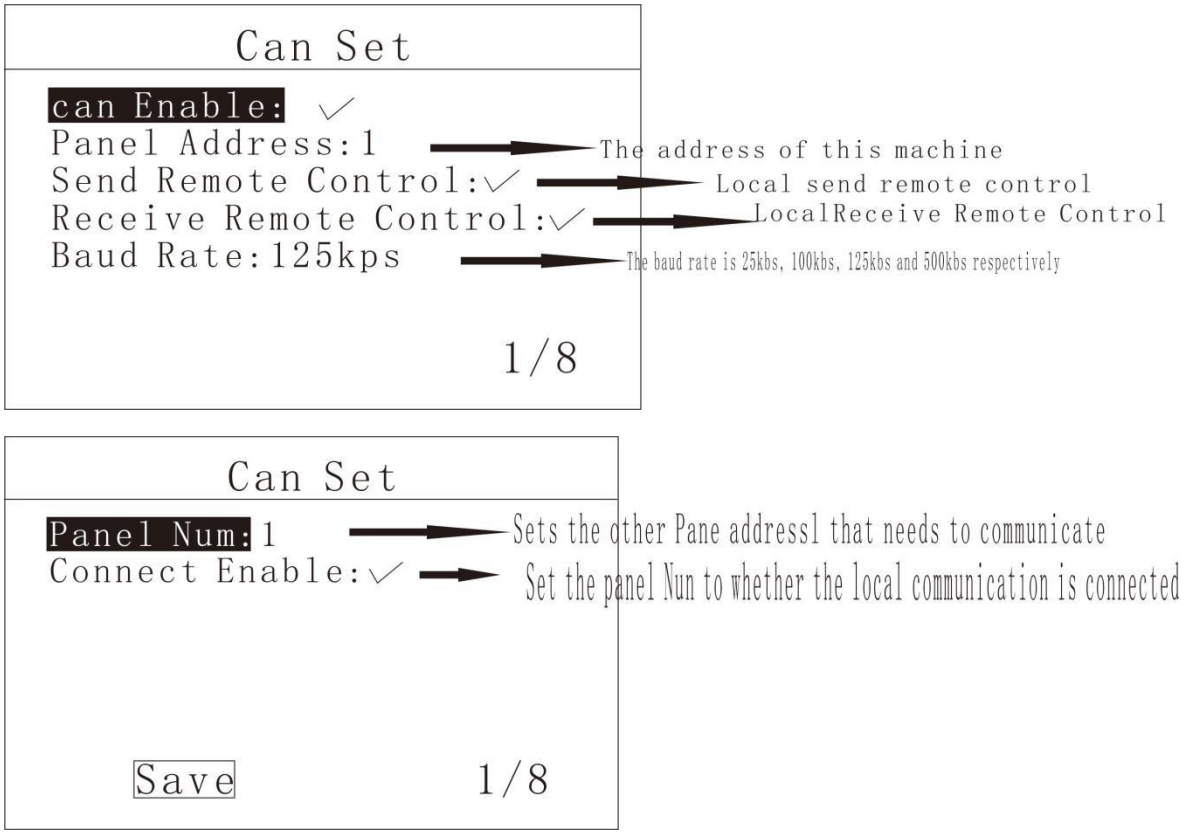
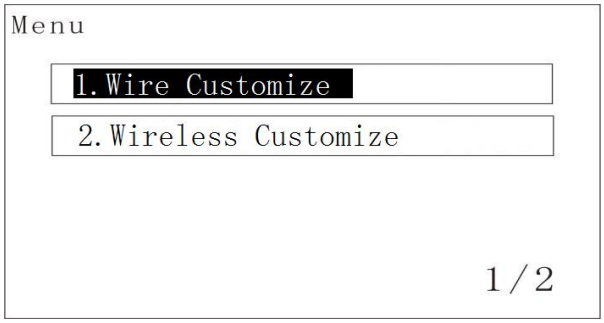



**Figure 17. Can Set**

CAN: It is used for communication between hosts and can control each other remotely and view fire alarm and equipment alarm information remotely. Up to 8 hosts can communicate with each other.

**NOTE:** When the panel communicates with the panel, the panel cannot connect to the local address. Panel address must be different and baud rate must be the same to ensure successful communication.

## Custom Devices



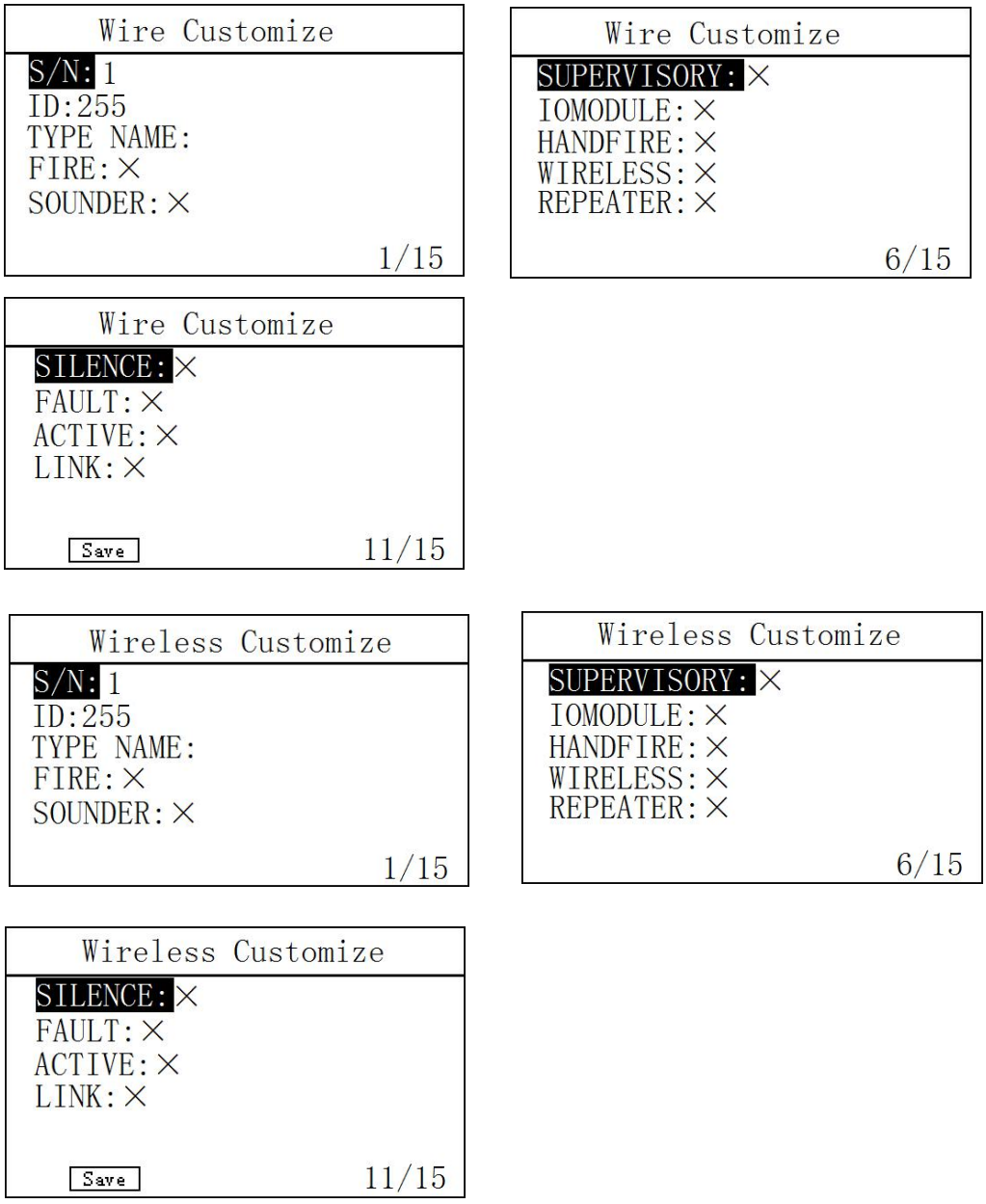



**Figure 18. Custom Devices**

Enter the "main Menu" – "3. Setting" – "9. Custom Devices" is shown in Figure 18.

**Wired custom devices:** Up to 10 wired custom devices can be set, and the configurable information includes device ID (need to correspond to the ID on the new product software program), device type name and device attributes. The range of device IDs is 1-255, The default value is 255. After the settings are saved, you can select the corresponding device type in the wired device settings.

**Wireless custom devices:** Up to 10 wireless custom devices can be set. The configurable information includes device ID (need to correspond to the ID on the new product software program), device type name and device attributes. The range of device IDs is 1-255. The default value is 255. After the settings are saved, you can select the corresponding device type in the



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wireless device settings.

(**Note:** This function is used for subsequent newly released equipment. After the product is released, confirm the attributes according to the new product)

### Fault Shield Set

Enter the "main Menu" – "3. Setting" – "10. Fault Shield Set" is shown in Figure 19.

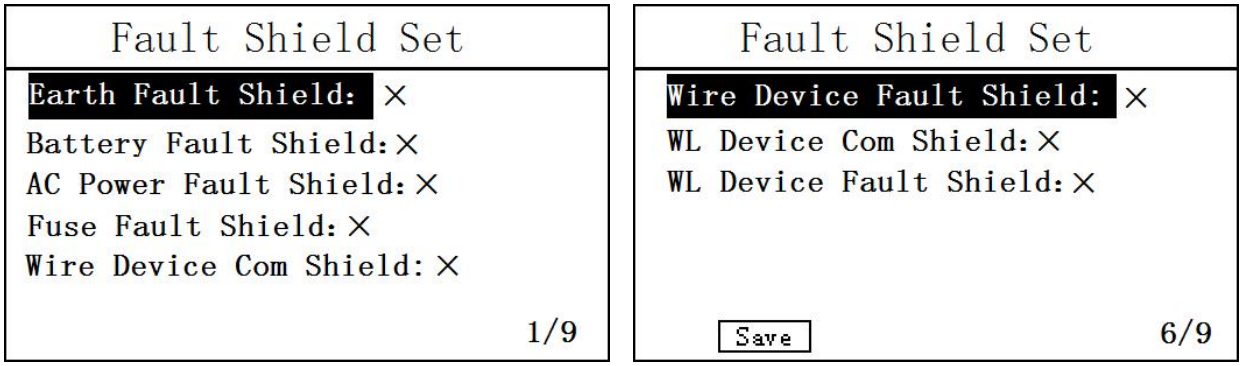



**Figure 19. Fault Shield Set**

In this setting page, after the fault shielding switch is turned on and saved, the corresponding fault will not be triggered on the panel.

### USB Data In Or Out

Enter the "main Menu" – "3. Setting" – "11.USB Data In Out" is shown in Figure 20.

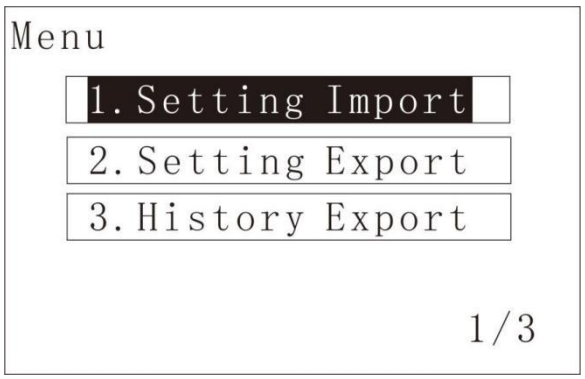


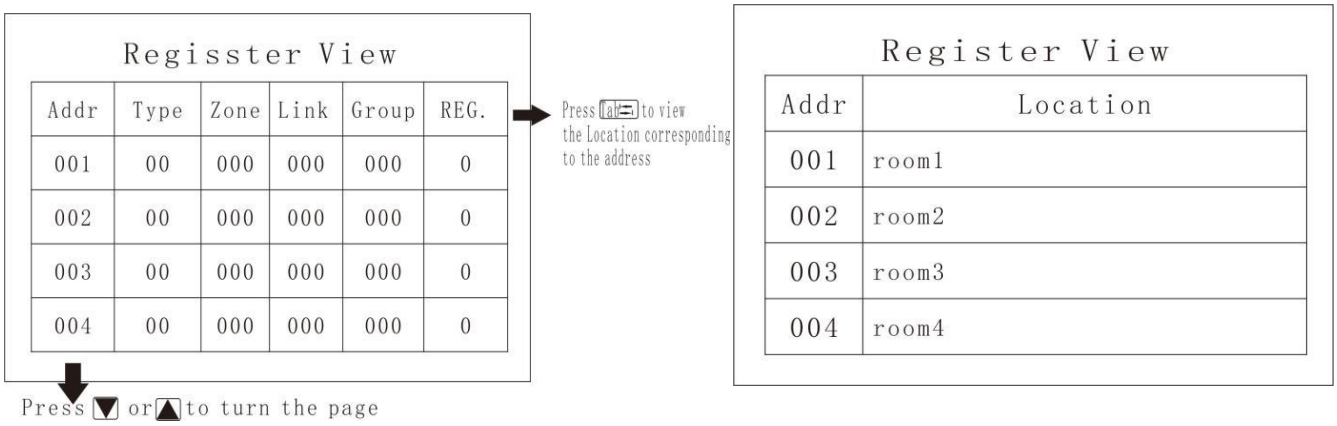

**Figure 20. USB Data In Out**

- **Setting Import:** Connect the panel with the PC through the Type-C data cable, and then import the panel setting information. First, open the PC-side transmission software, select 460800 as the baud rate, then select the corresponding .dat file and click send, and then press Enter on the panel to start data transmission, and a pop-up window will show up if the transmission succeeds or fails.
- **Setting Export:** Connect the panel to the PC through the Type- C data cable, and then export the settings of the C. First open the PC-side transmission software, select 460800 as the baud rate, then click Receive after selecting the file path in the file receiving box, and then press enter on the panel to start data transmission, and a pop-up window will show up if the transmission is successful or failed.

- **History Export:** Connect the panel to the PC through the Type-C data cable, and then export the history information of the panel. First open the PC-side transmission software, select 460800 as the baud rate, then click Receive after selecting the file path in the file receiving box, and then press enter on the panel to start data transmission, and a pop-up window will show up if the transmission is successful or failed.

## View All Settings

- After setting all devices, you can view the device Settings view. As shown in figure 21. "Register view "and "Wireless reg view" respectively.

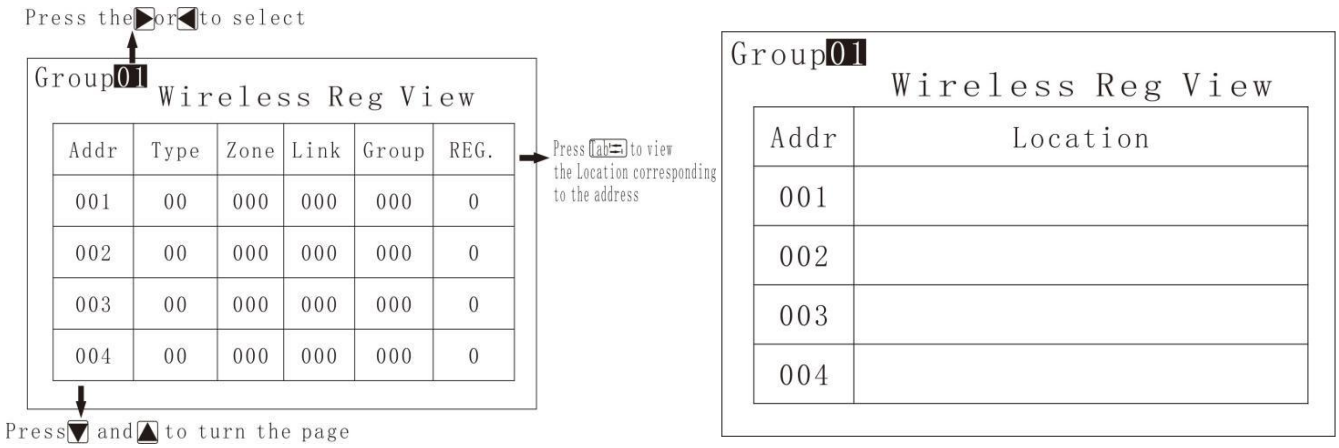



**Figure 21. Device View Menu**

## Disable

In this menu, you can set the disabling settings by device or zone. There are three operable options, namely "Zone Disable", "Wire Device Dis." and "Wireless Dev. Dis".

As shown in Figure 22.

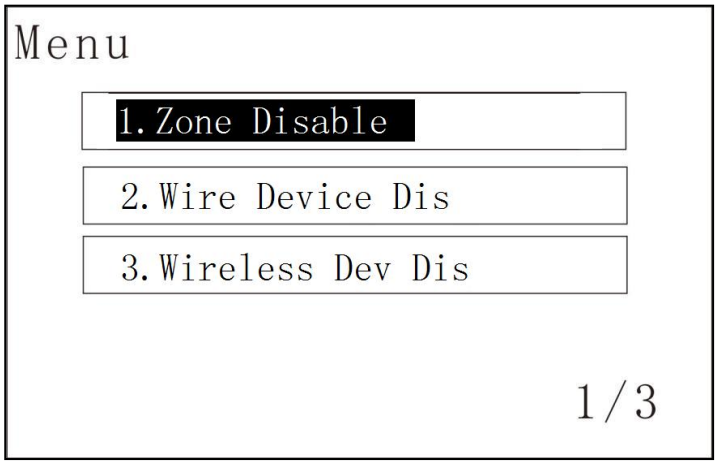



Figure 22. Disable

The operation is very simple, enter the corresponding menu, select the corresponding zone or device, and then select whether to disable or not, and finally Save.

"Zone Disable" is disabled and enabled for the entire zone, and it will be applied to the entire zone once it is modified. If there is any device in the zone that cancels the disabling, the disabling of this zone is displayed as "×", but it does not affect the rest of the devices. Similarly, if all devices in this Zone are individually disabled, the disabled in this Zone will be displayed as " √ ". The Zone can be selected from 1 to 24, and you need to "save" before proceeding to the next Zone.

"Wire Device Dis." can individually select wired addressable devices to disable, and the selectable range is from 1 to 128. You need to "save" before proceeding to the next device.

"Wireless Dev Dis." can individually select wireless addressable devices to disable. The selectable range is from 1 to 20. You need to "save" before proceeding to the next device.

## History

Users can select a history page to view. As shown in Figure 23, there are three kinds of historical records that can be queried. Users can choose the one they want to view to enter the record storage page.

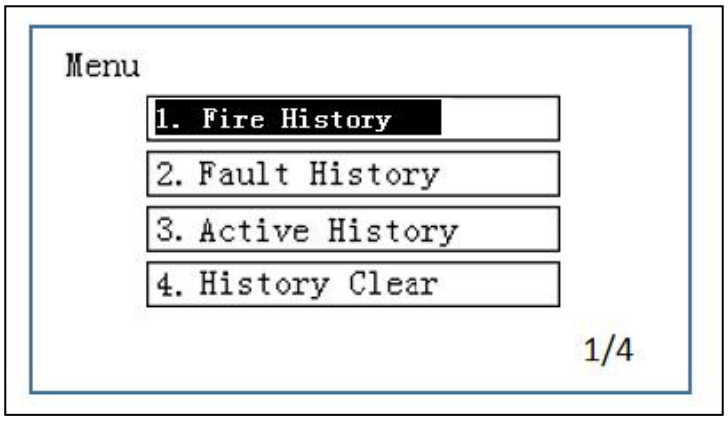
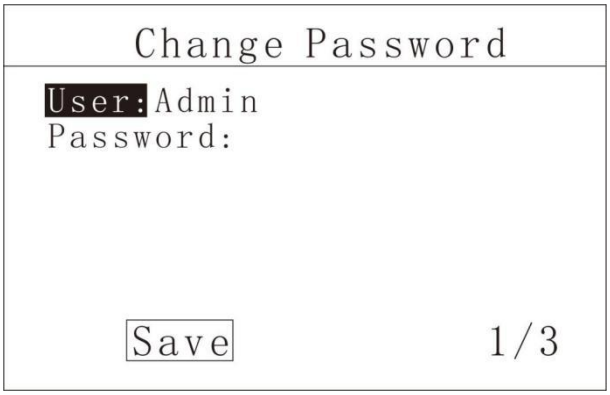



**Figure 23. History**

**NOTE:** When you use the Clear History function, you must have L4 access level to clear it. History record type HISTORY TYPE (FIRE, FAULT, Active).

- **Fire alarm history:** Up to 980 data can be stored, and the latest fire alarm record will appear at the end. This record contains a detailed description of the fire and the rest.
- **Fault history:** Up to 980 data can be stored, and the latest fault record will appear at the end. This record contains a detailed description of the fault and the rest.
- **Active history:** Up to 980 pieces of data can be stored, and the latest active record will appear at the end. It records the activation time of each output device.
- **History Clear:** Level L4 access users can clear all historical records

## Changing Password




Users can change the password below the access level and the password must be four digits. Otherwise, the password cannot be changed.

## Factory Reset

The Factory Reset function can be used only after you log in to user L4.

# 5 Maintenance

1. The control panel should be dry and well grounded.
2. If the control panel gets dirty, wipe it with a dry cloth. Do not use detergent or solvent to clean the panel. Make sure that water does not enter the chassis.
3. System testing can only be carried out by trained personnel and appropriate isolation measures must be taken to avoid accidental losses.
4. Please inform all personnel in the area in advance before starting the test.
5. Care should be taken before removing any cables.
6. The battery should be inspected regularly and replaced at least every three years.

# 6 Installation operation

Installer:_____ Company:_____

Tel: _____ Add:_____

Date：_____ Serial No.：_____



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