

# **INSTALLATION AND OPERATION MANUAL**

**DIGICOM 3K Plus  
PUBLIC ADDRESS &  
GENERAL ALARM SYSTEM  
& NCT930PVCUXXX  
USE MANUAL**

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# 1. Overview

Configuration:

1 Basic information, including alarm tone management, event management, and SIP service management.

2 Product information

3 Configure the scheme

- (1) Program information maintenance.
- (2) Template information maintenance.
- (3) Respond to equipment information maintenance.
- (4) Maintenance of equipment mapping information.
- (5) Beacon mode information maintenance.
- (6) Maintenance of timed event information.

4 Perform system configuration

- (1) User information maintenance
- (2) Organization information maintenance
- (3) Maintenance of authority information
- (4) Personnel Information Maintenance
- (5) Log information maintenance

In the basic information maintenance module, the event management calls the alarm tone and associates the virtual device.

In the scheme configuration module, equipment management is required to call schemes and associate products; template management selects events; timing event management selects events.

In the system configuration module, user management is required to select roles; permission management assigns component permissions and menu permissions to roles; organization management selects users.

## 2. Function module description

### 2.1 Log in

Enter the URL in the address bar of the browser to open the login page, as shown in the figure below:



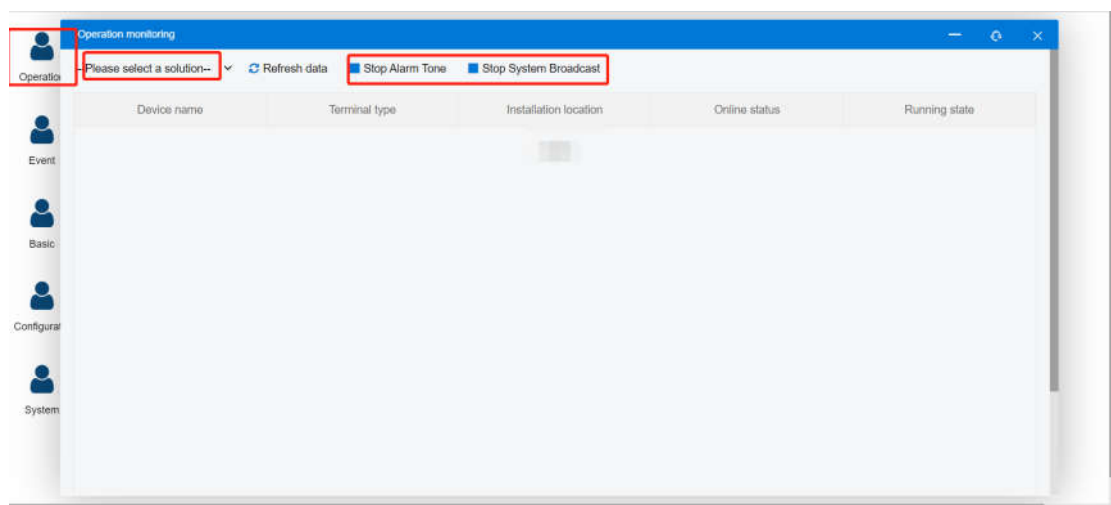
1) Interface elements:

Pre-set language selection list, login user name text box, login password text box and login button

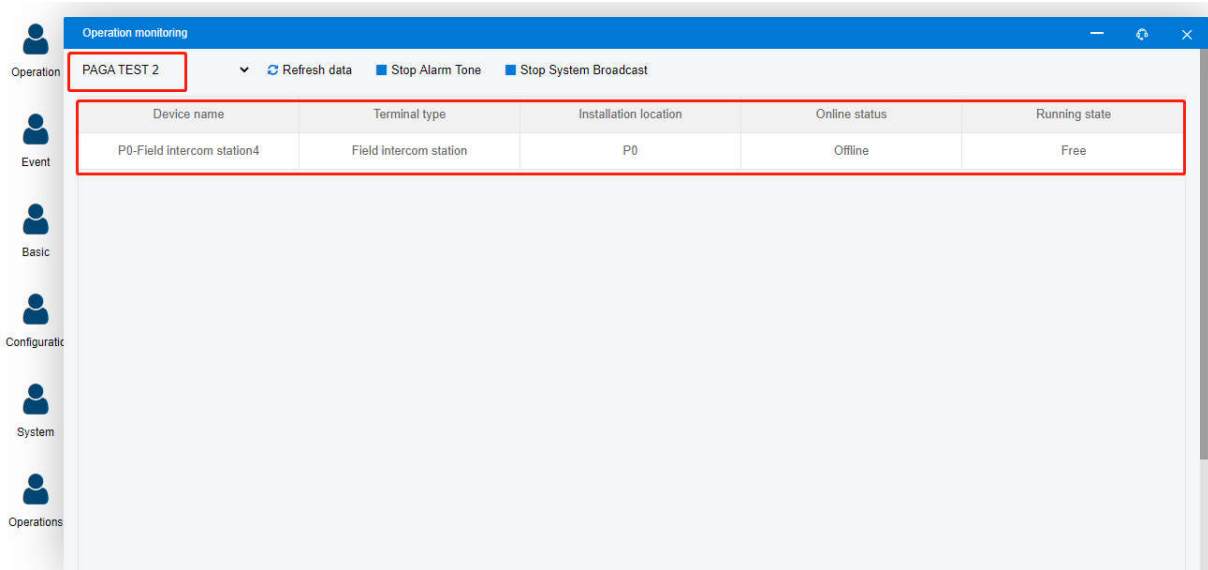
2) Language selection list: The system presets, the default is **English**, you can choose, the system will load the corresponding field description according to the selected language.

### 2.2 Operation monitoring

Click [Operation Monitoring], the list information is not loaded by default, the interface is as shown in the figure:



Click the plan selection list box to select a plan, and the device information to which the plan belongs can be loaded. The interface is as shown in the figure:

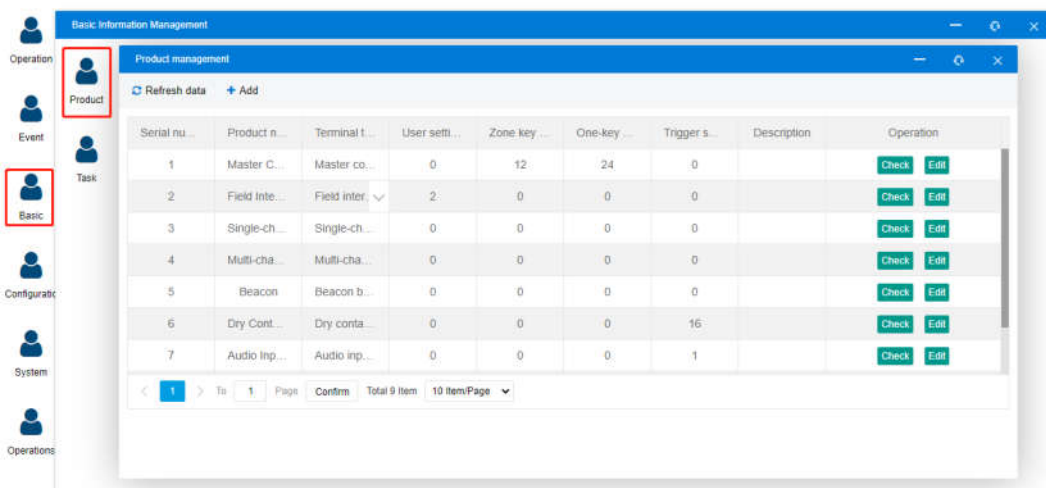


Click the [Refresh Data] button to reload the list data; click the [Stop Alarm Sound] or [Stop System Broadcast] button to terminate the ongoing alarm sound and system broadcast tasks. If there is no ongoing task, there will be a corresponding text prompt .

## 2.3 Basic Information Management

### 2.3.1 Product management

Click [Basic Information Management]--[Product Management] to load the product list information in normal state, the interface is as shown in the figure:



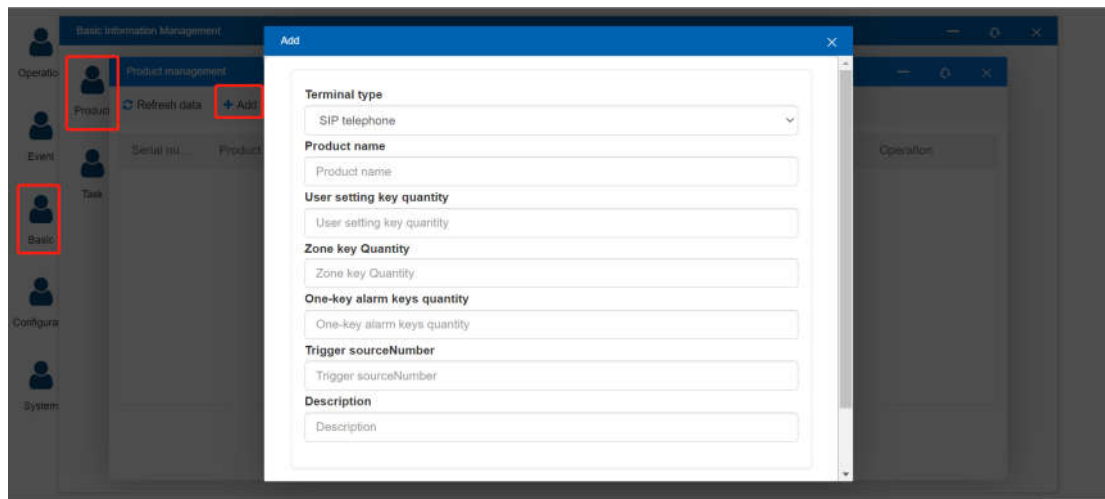
The number of custom keys, partition keys, one-key alarm, and trigger sources should be consistent with the actual product. The key values sent by the corresponding hardware products are different.

The device type automatically generates one PTT, MUSIC, full broadcast, and ACK/RESET button

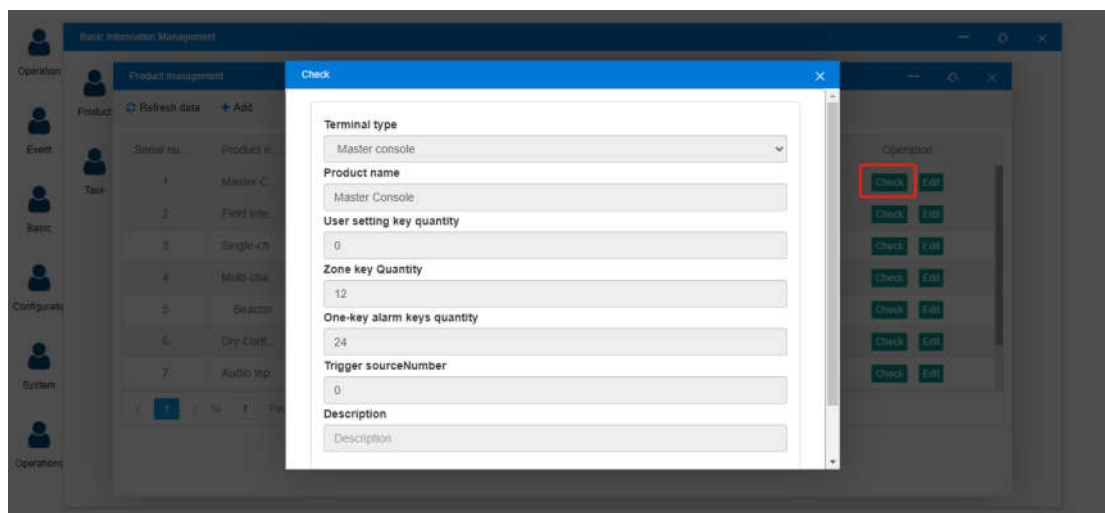
for the main control station.

Click the [Refresh Data] button to reload the page table data information;

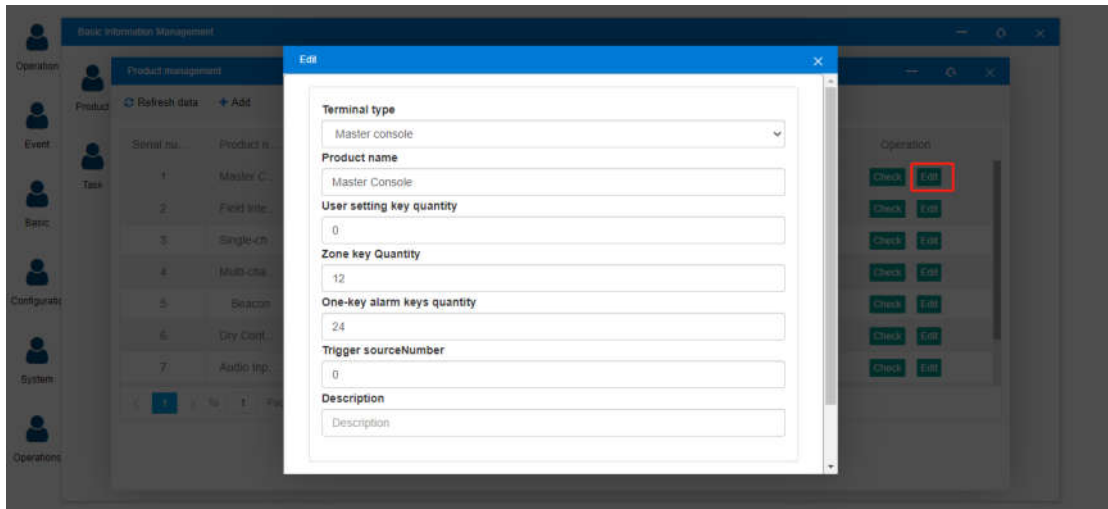
Click the [Add] button, a new product page will pop up, fill in the relevant content of the page, and click the [Save] button to save the product information. The interface is shown in the figure:



Click the [View] button to pop up the viewing product page, and the content of this page cannot be modified. The interface is shown in the figure:

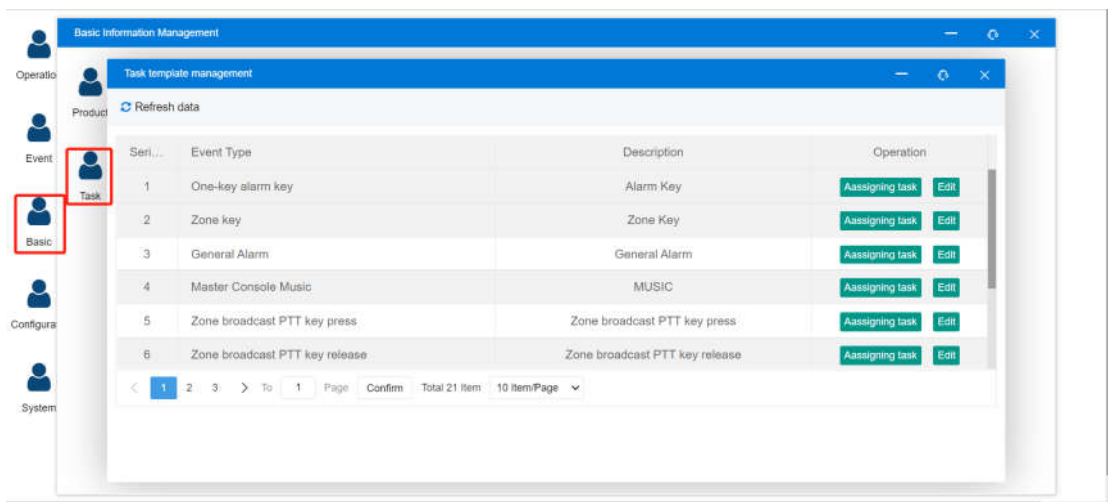


Click the [Edit] button, the edit product page will pop up, and the content of the page can be modified. Click the [Save] button to modify the product information. The interface is shown in the figure:

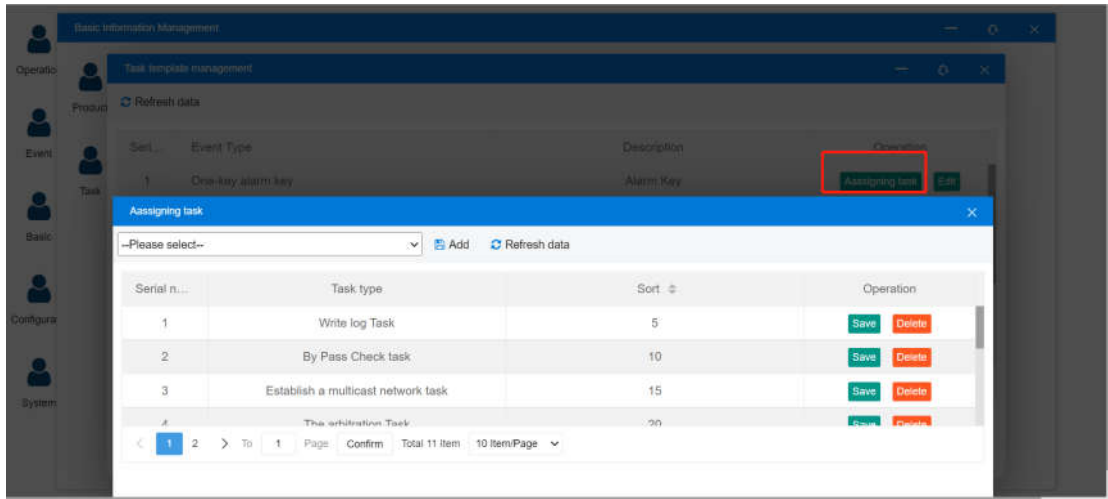


## 2.3.2 Task Template Management

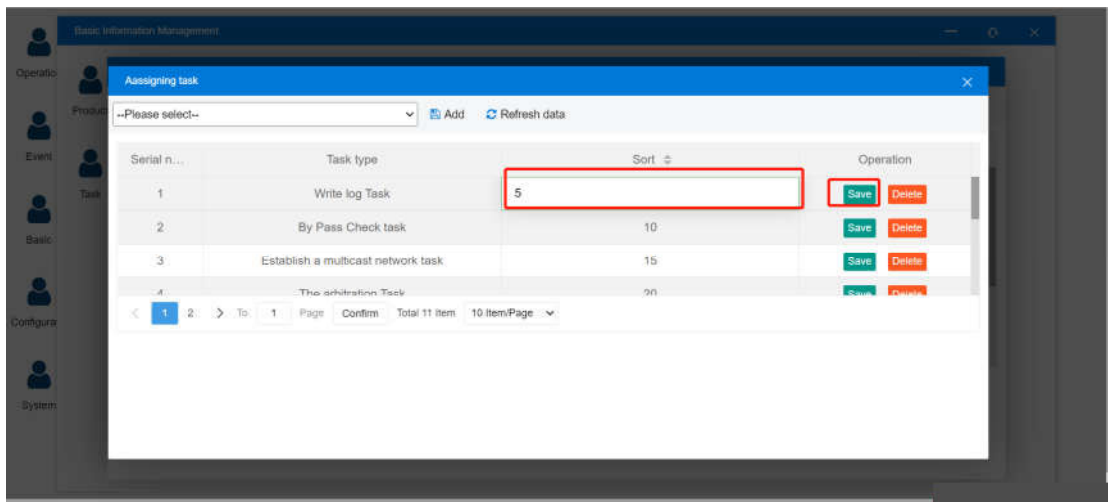
Click [Basic Information Management]--[Task Template Management] to load the default event type list information of the system. The interface is as shown in the figure:



Click the [Assign Task] button, the task assignment page will pop up, select the task to be performed for the event type from the task list selection box, and click the [Add] button to add a task to the event type. The interface is shown in the figure:

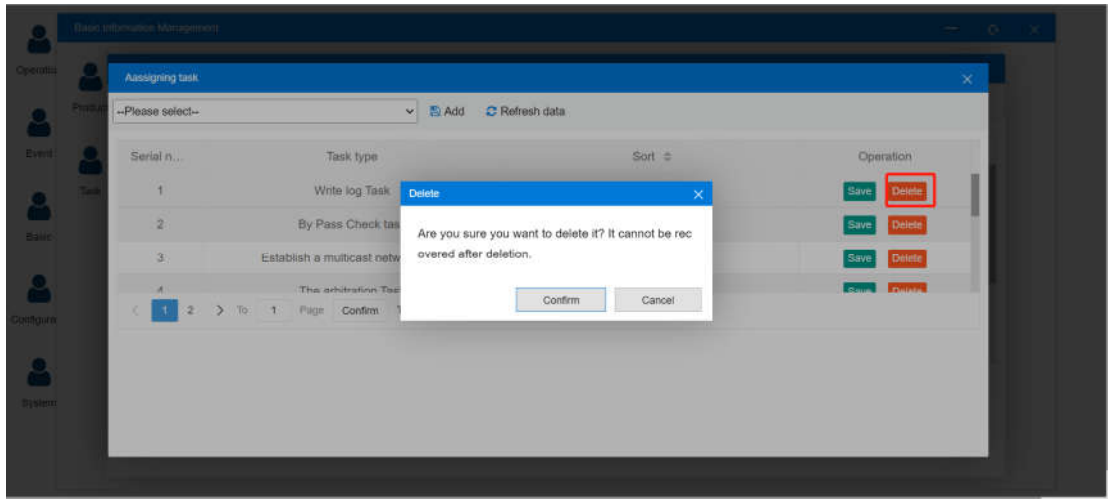


Click the sorting of each row of the list to modify the order in which the task is executed, and then click the [Save] button to change the data, but pay attention: the sorting of tasks cannot be repeated. If the sorting is repeated, there will be a text prompt on the interface. The interface is shown in the figure:



Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the task information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:

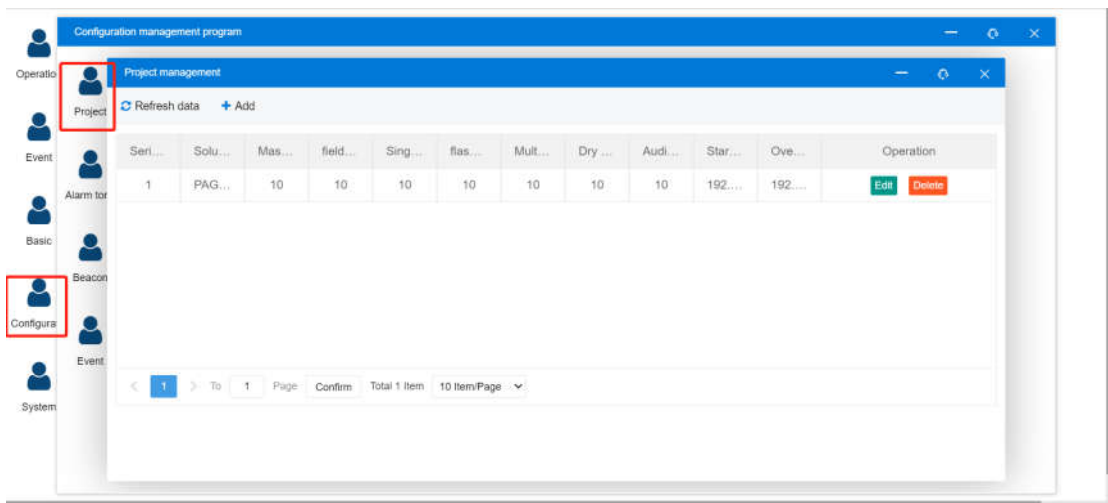




## 2.4 Scheme Configuration Management

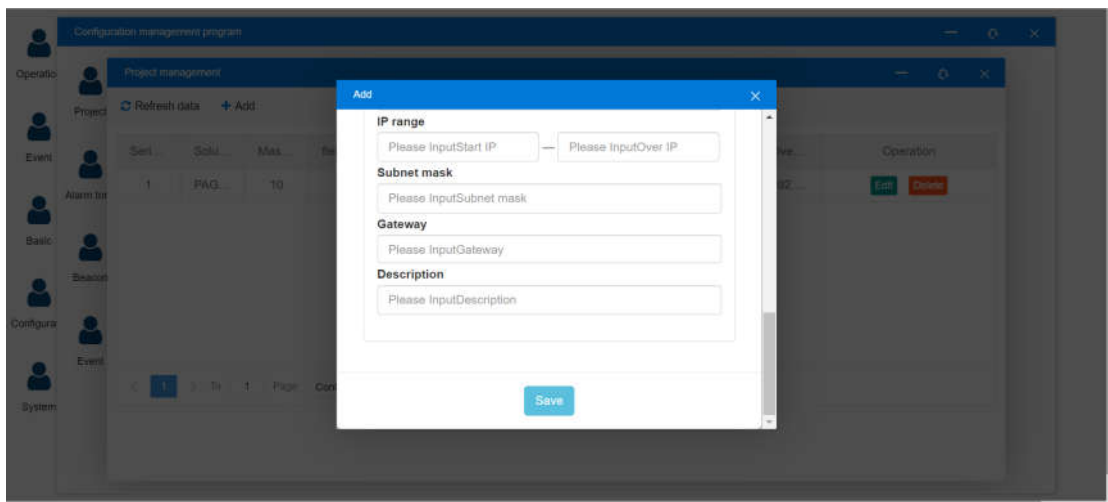
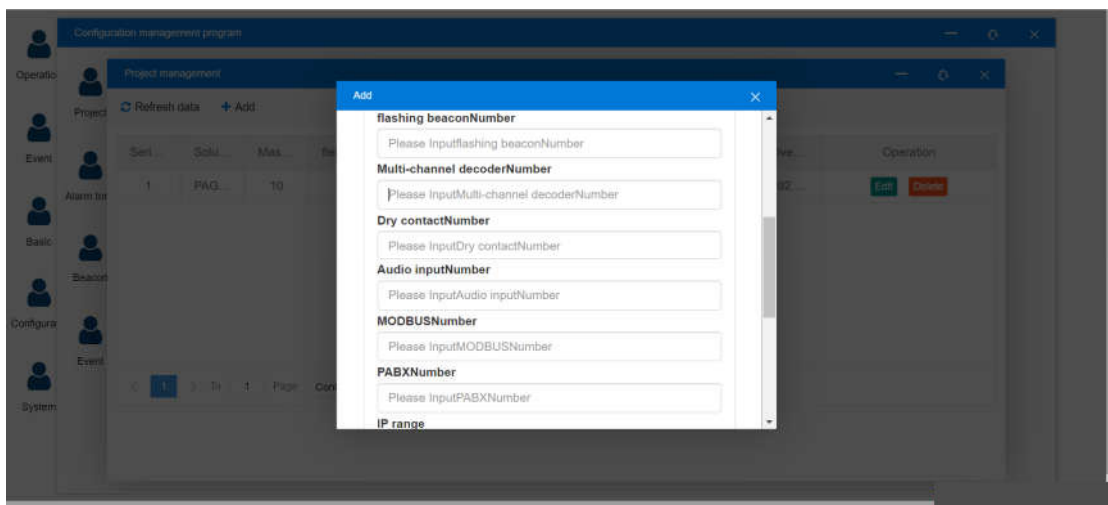
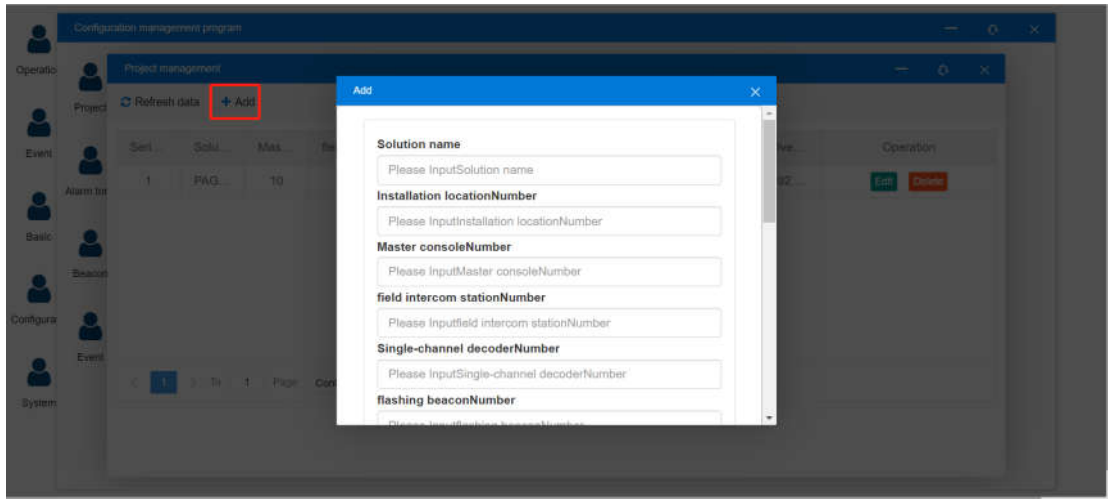
### 2.4.1 Scheme management

Click [Scheme Configuration Management] - [Scheme Management] to load the plan list information in the normal state, the interface is as shown in the figure:

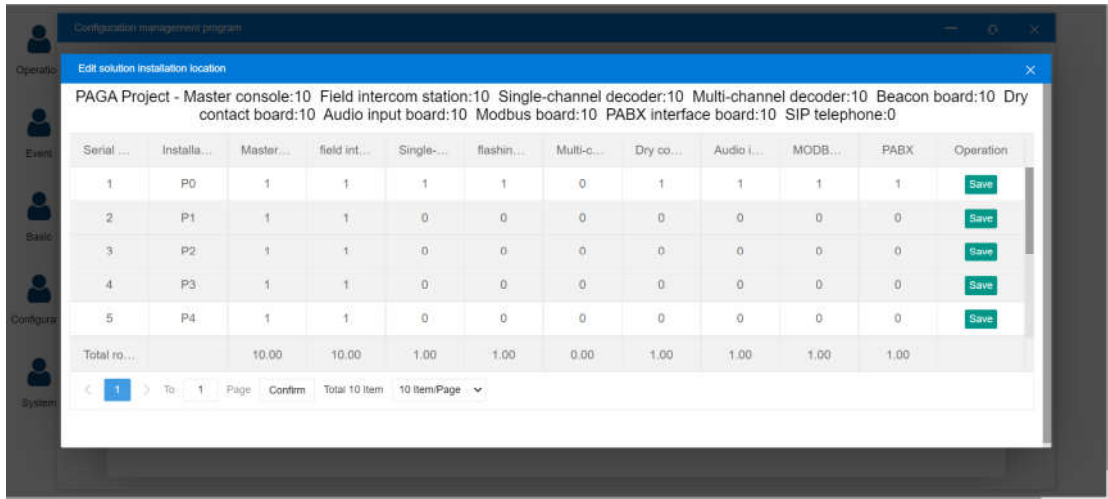


Click the [Refresh Data] button to reload the page table data information;

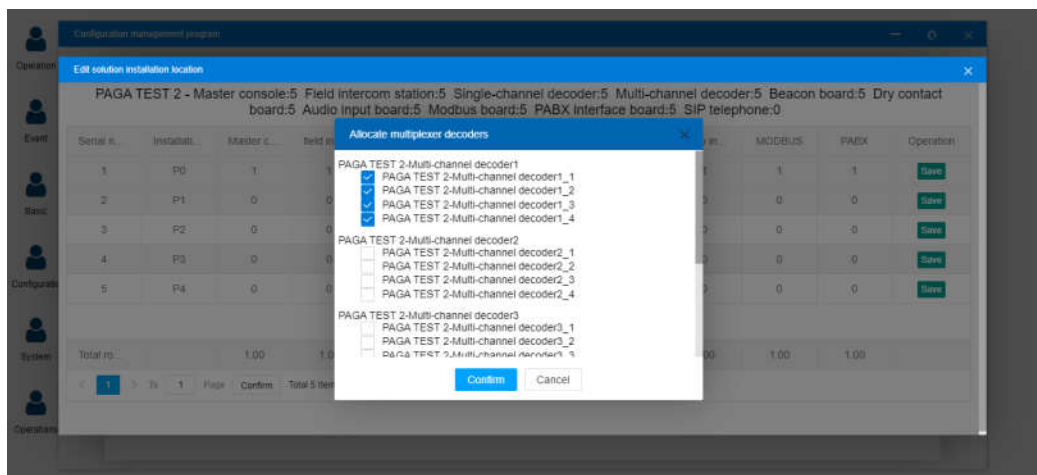
Click the [Add] button to pop up the new scheme page, fill in the relevant content of the page, and click the [Save] button to save the scheme information. The interface is shown in the figure:



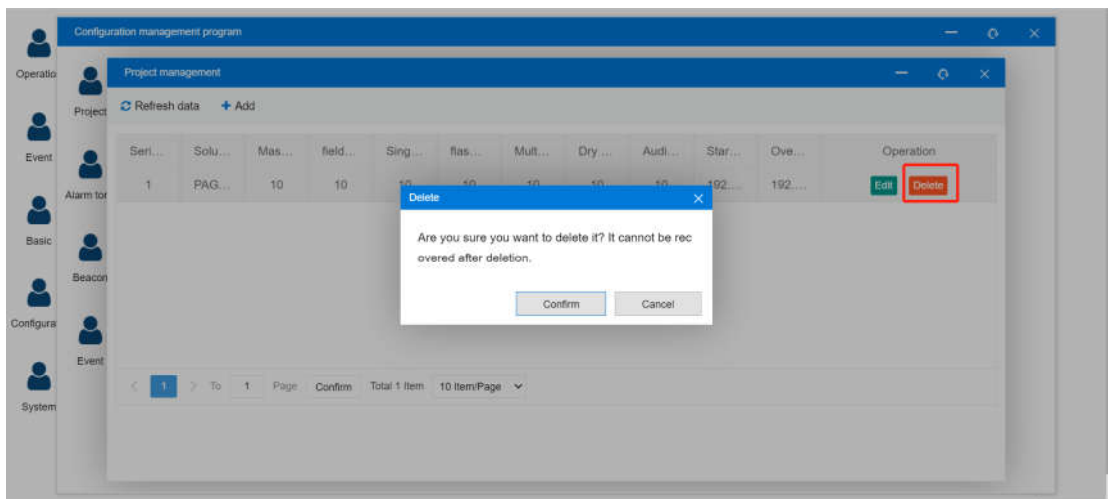
Click the [Edit] button to pop up the editing program installation location page. This page needs to be edited individually one by one, and then click the [Save] button to save the program details. The interface is shown in the figure:



When clicking the multi-channel decoder column, the Assign Multi-channel Decoder page pops up, you can select one or more multi-channel decoders, and click the [Save] button to bind the multi-channel decoder to the detailed address of this scheme; The assigned multiplexer cannot be selected repeatedly. The interface is shown in the figure:

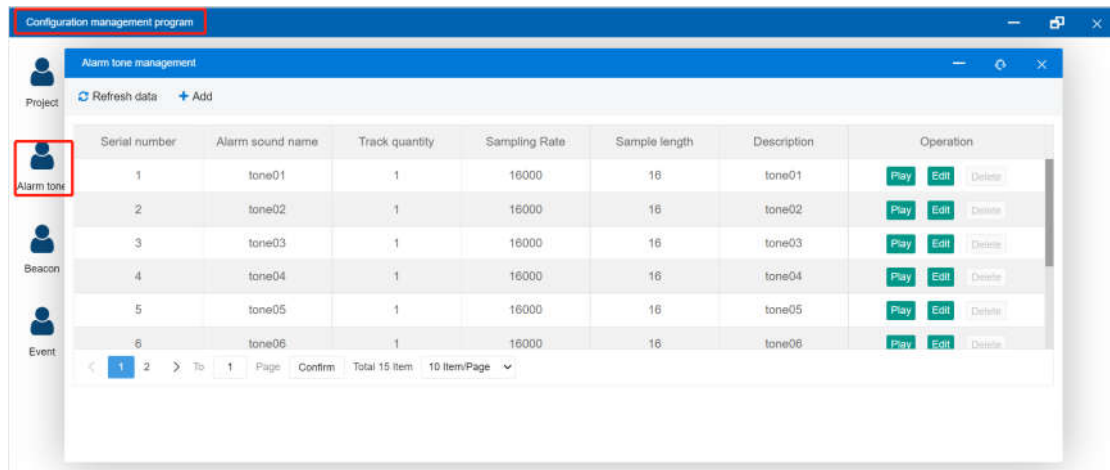


Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the scheme information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:



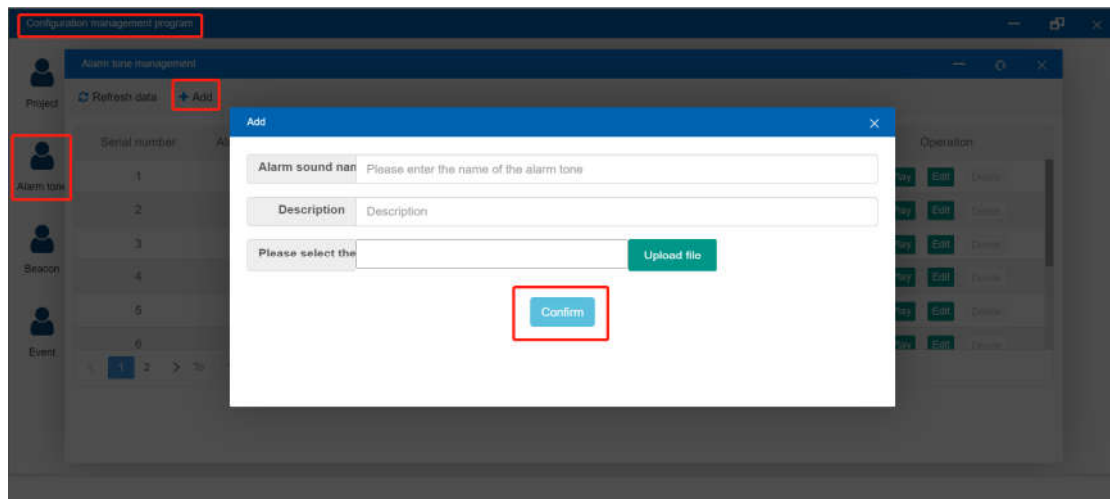
## 2.4.2 Alarm tone management

Click [Program Configuration Management]-[Alarm Sound Management] to load the alarm sound list information in normal state, including 16 alarm sounds preset by the system. The interface is shown in the figure:

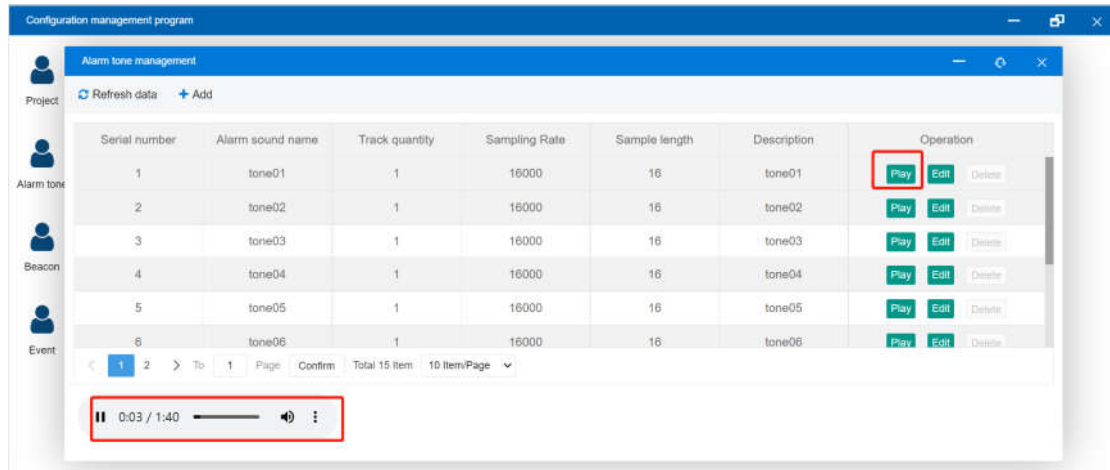


Click the [Refresh Data] button to reload the page table data information;

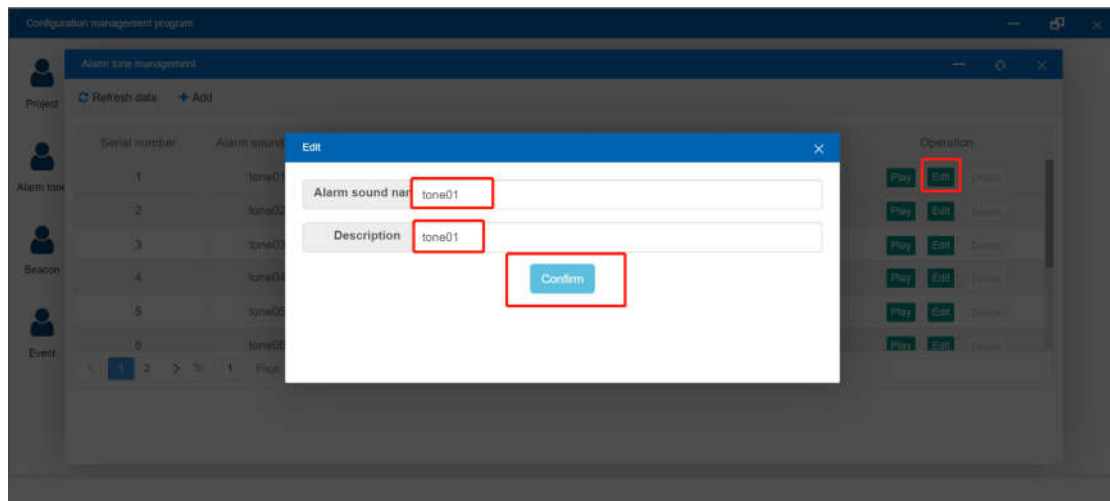
Click the [Add] button, the new alarm sound page will pop up, fill in the relevant content of the page, select the file to be uploaded, click the [Upload File] button, and upload the file to the designated folder of the server, and then click the [Confirm] button to save. Alarm tone record information. The interface is shown in the figure:



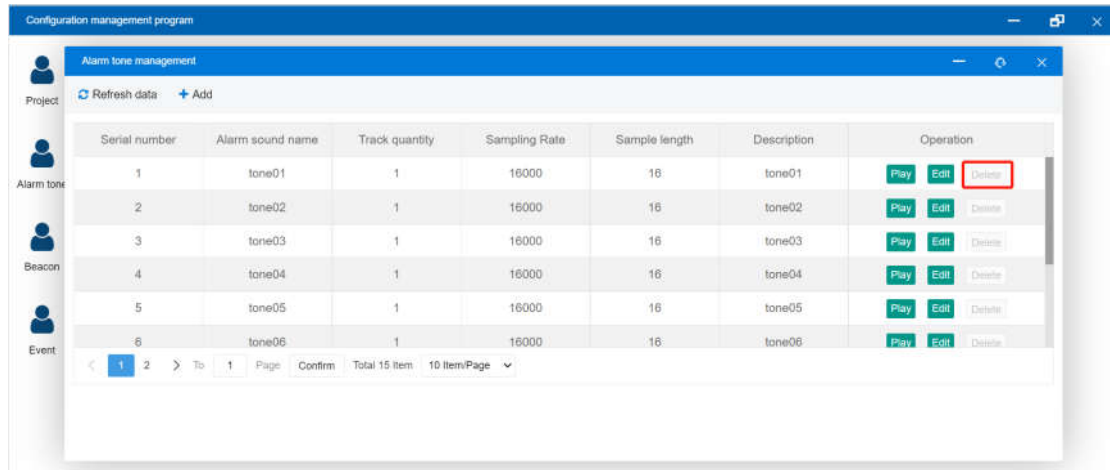
Click the [Play] button to play the selected alarm sound. The interface is shown in the figure:



Click the [Edit] button to pop up the edit alarm sound page, you can modify the interface content, and click the [Save] button to update the alarm sound record information. The interface is shown in the figure:

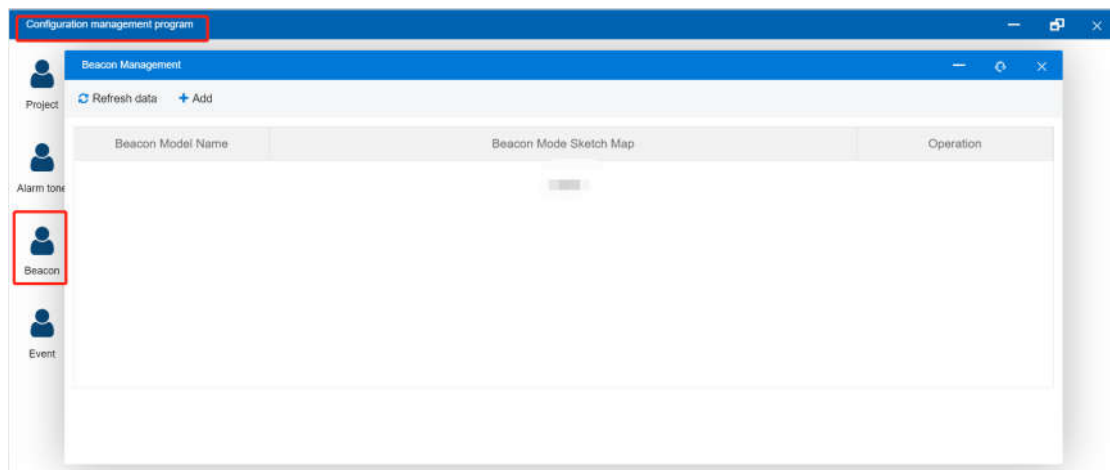


Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the alarm audio recording information, and click the [Cancel] button to cancel this deletion operation. Note: The system preset alarm sound cannot be deleted, and the delete button is disabled. The interface is shown in the figure:



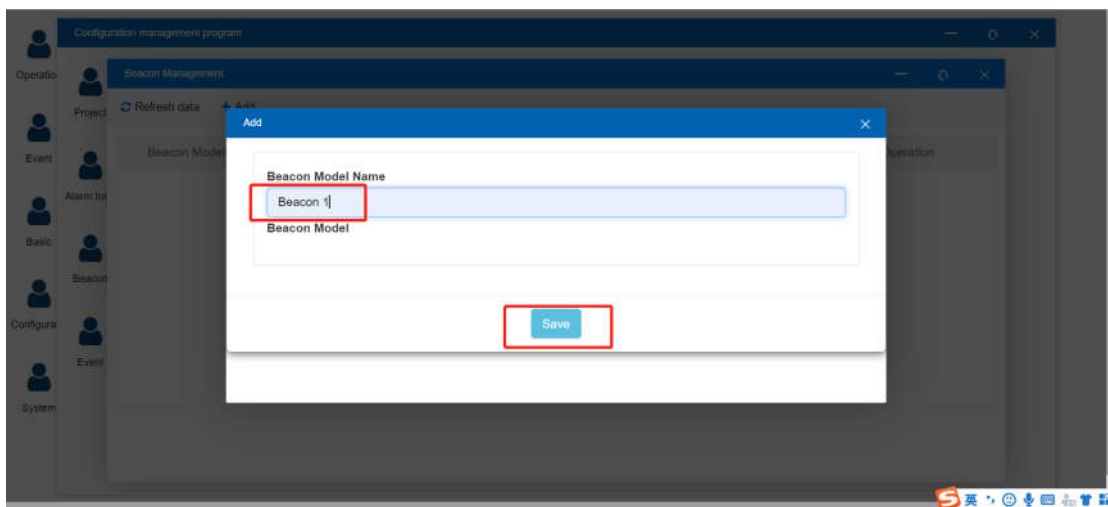
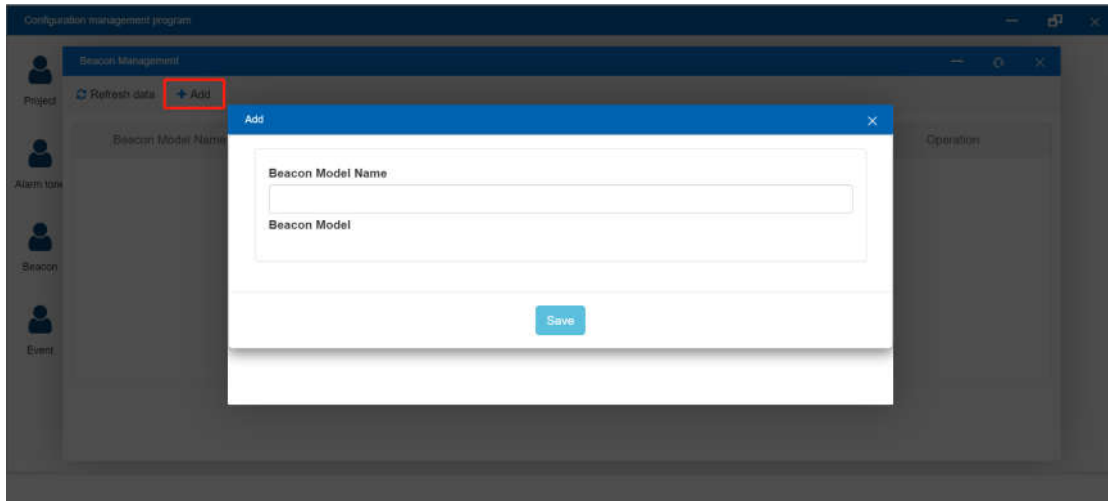
## 2.4.3 Beacon mode management

Click [Program Configuration Management]--[Beacon Mode Program Management] to load the beacon mode list information in normal state, the interface is as shown in the figure:

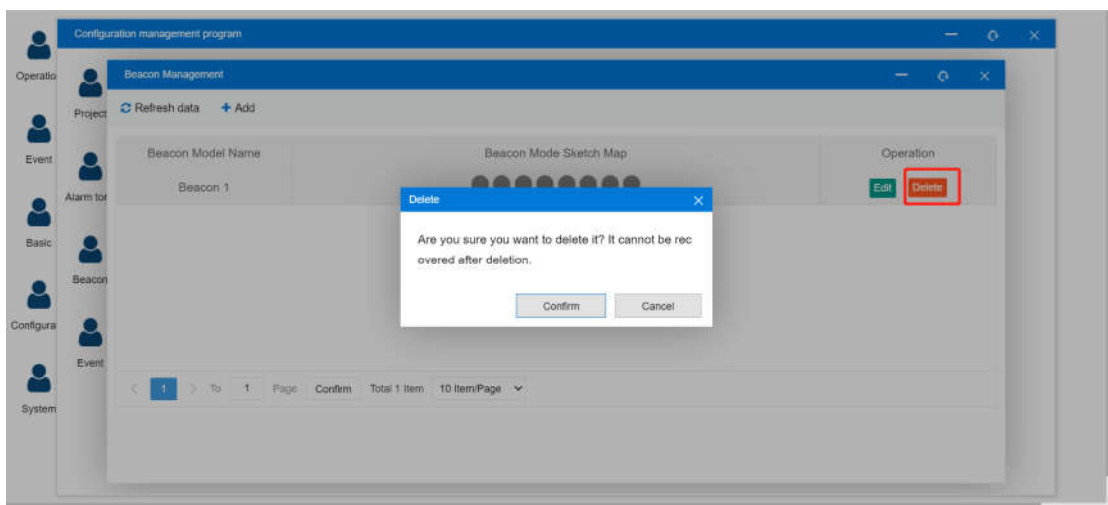


Click the [Refresh Data] button to reload the page table data information;  
Click the [Add] button to pop up the new beacon mode page, fill in the relevant content of the page, and click the [Save] button to save the beacon mode information. The interface is shown in the figure:

Click the [Edit] button, the edit beacon mode page will pop up, and you can modify the interface content. Click the [Save] button to save the beacon mode information. The interface is shown in the figure:

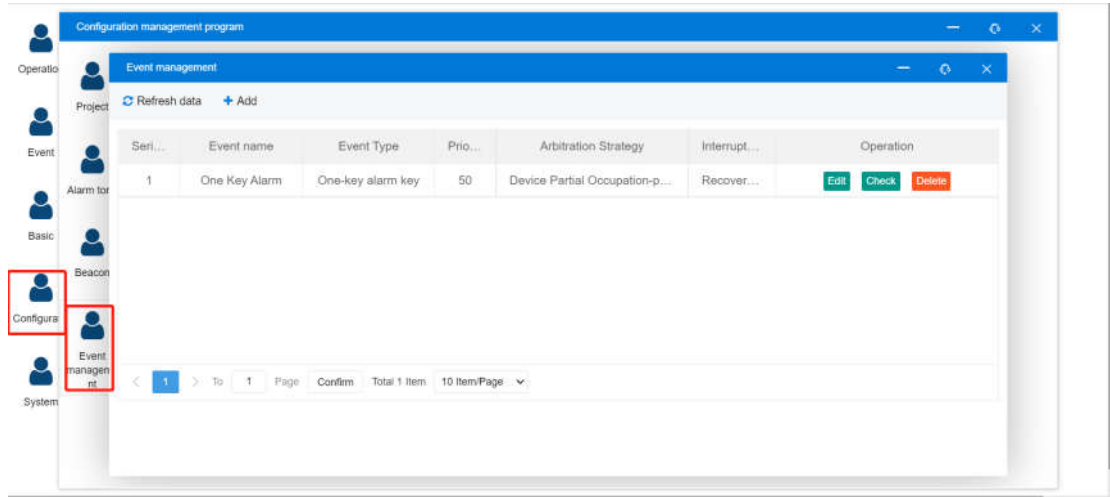


Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the beacon mode record information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:

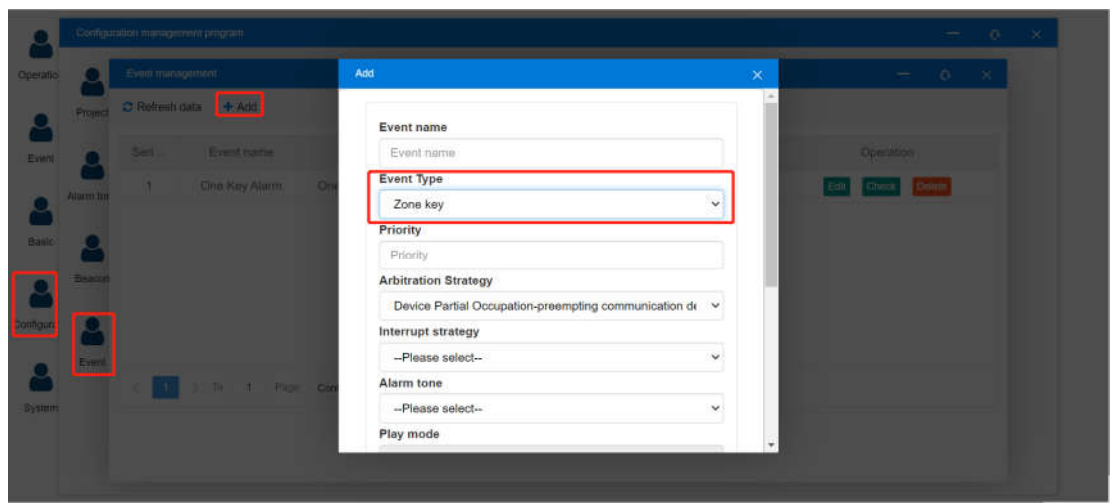


## 2.4.4 Event management

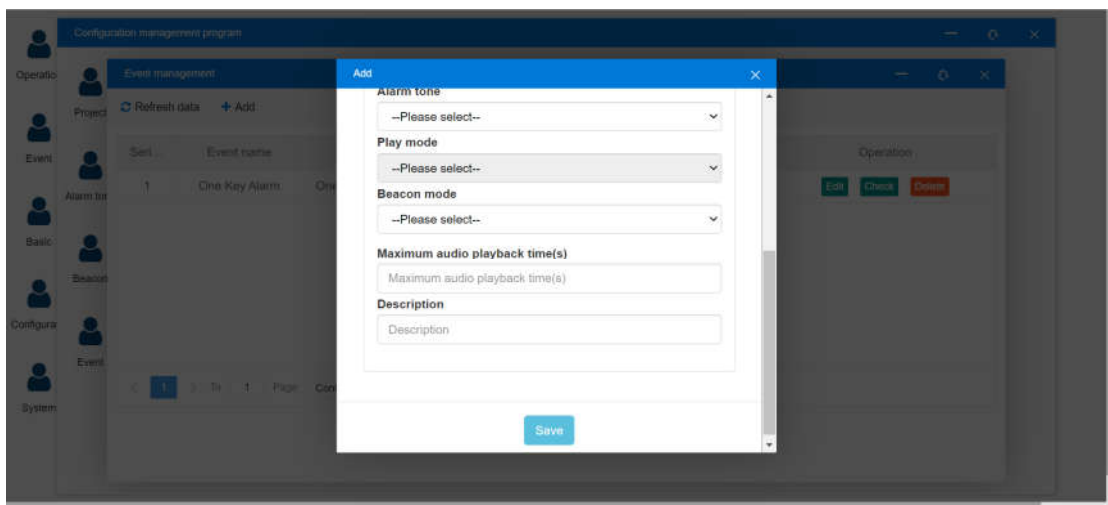
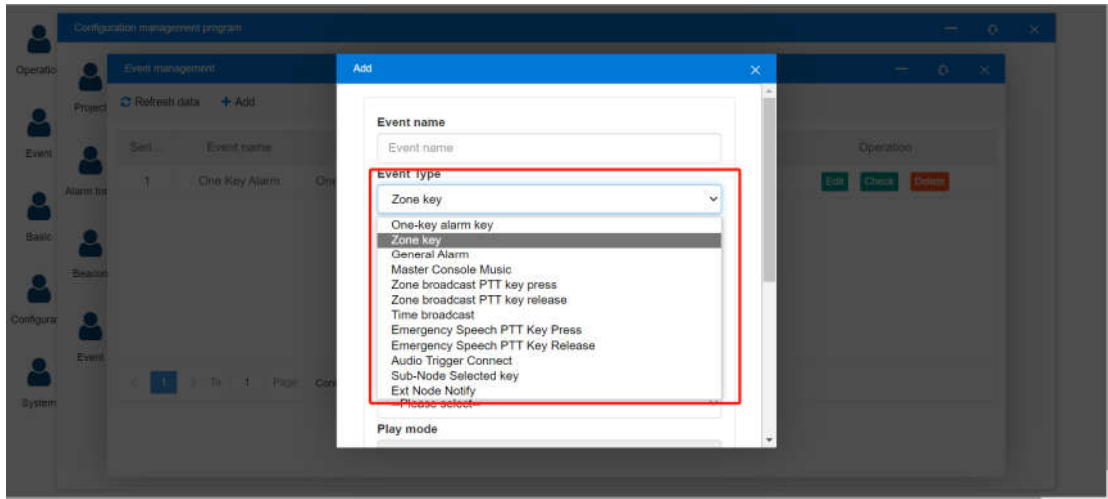
Click [Scheme Configuration Management]--[Event Management] to load the event list information in normal state, the interface is as shown in the figure:



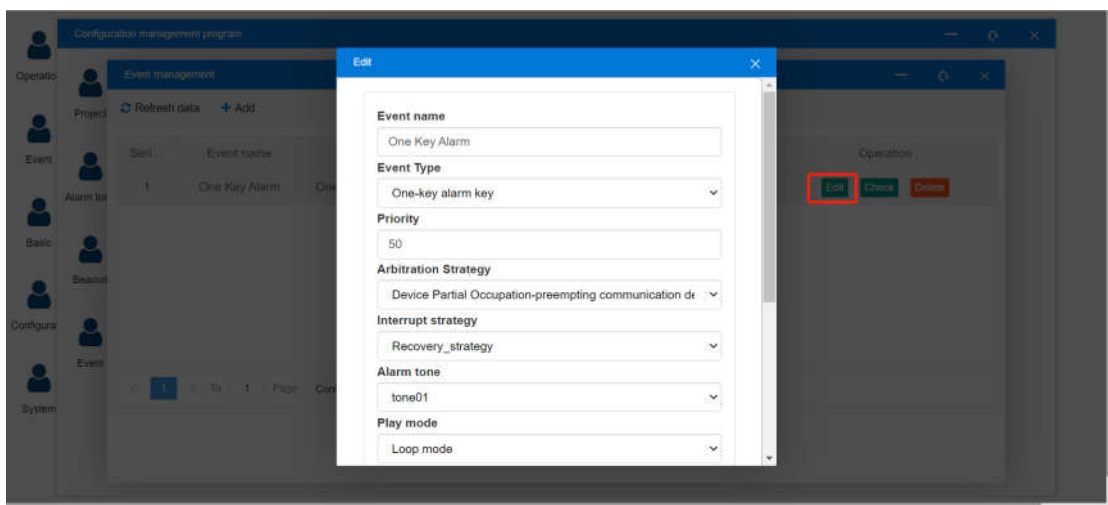
Click the [Refresh Data] button to reload the page table data information;  
Click the [Add] button to pop up the new event page, fill in the relevant content of the page, and click the [Save] button to save the event information. The interface is shown in the figure:

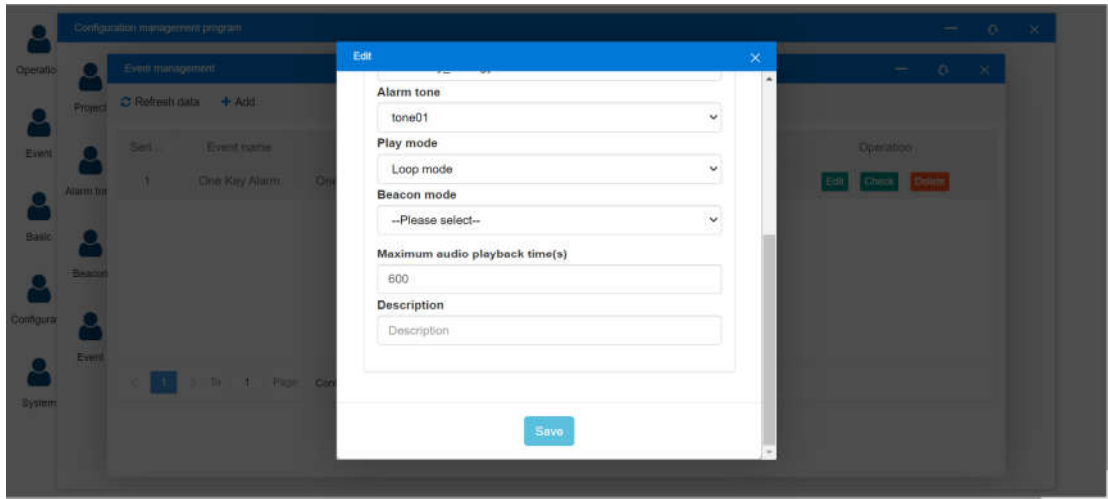




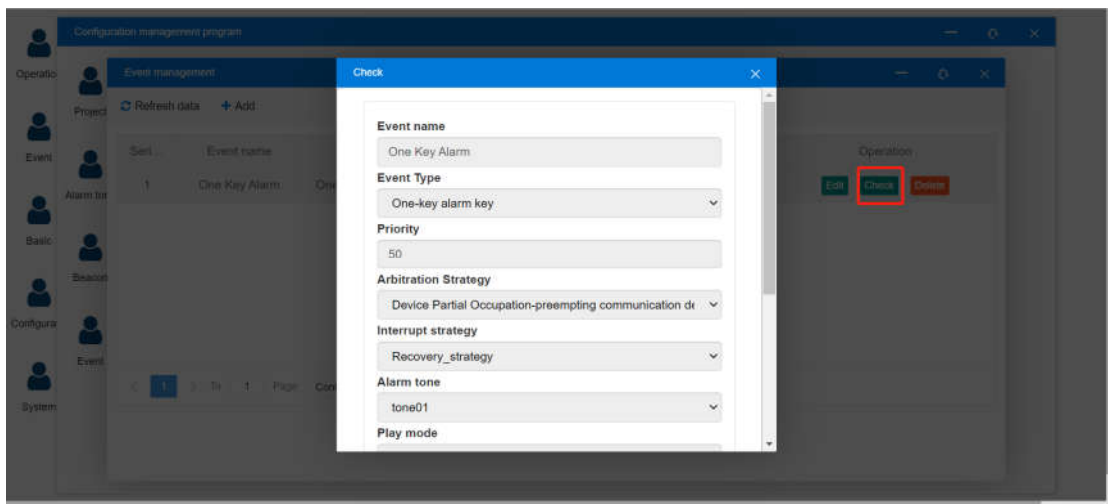


Click the [Edit] button, the edit event page will pop up, and the content of the interface can be modified. Click the [Save] button to save the event information. The interface is shown in the figure:

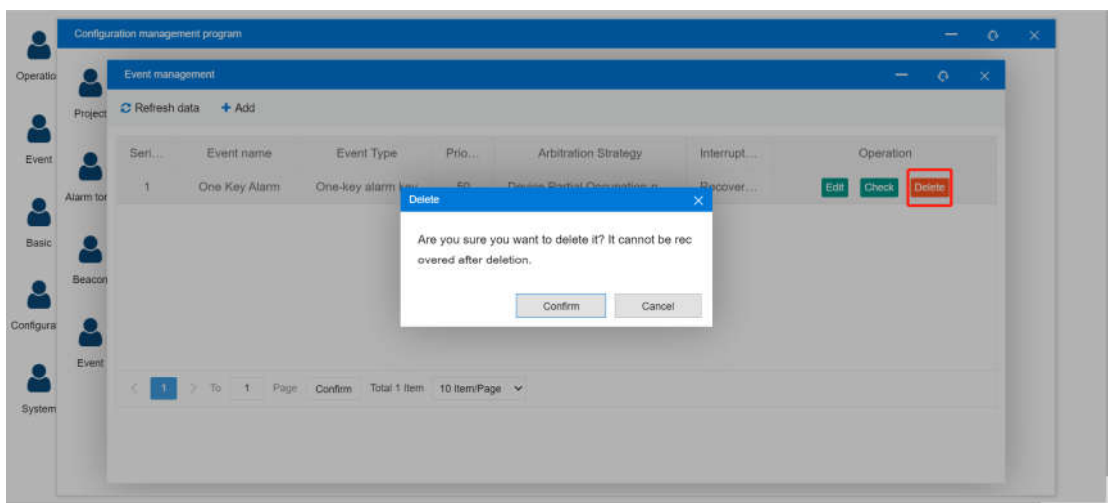




Click the [check] button, and the viewing event page will pop up. The content of the page cannot be modified. The interface is as shown in the figure:

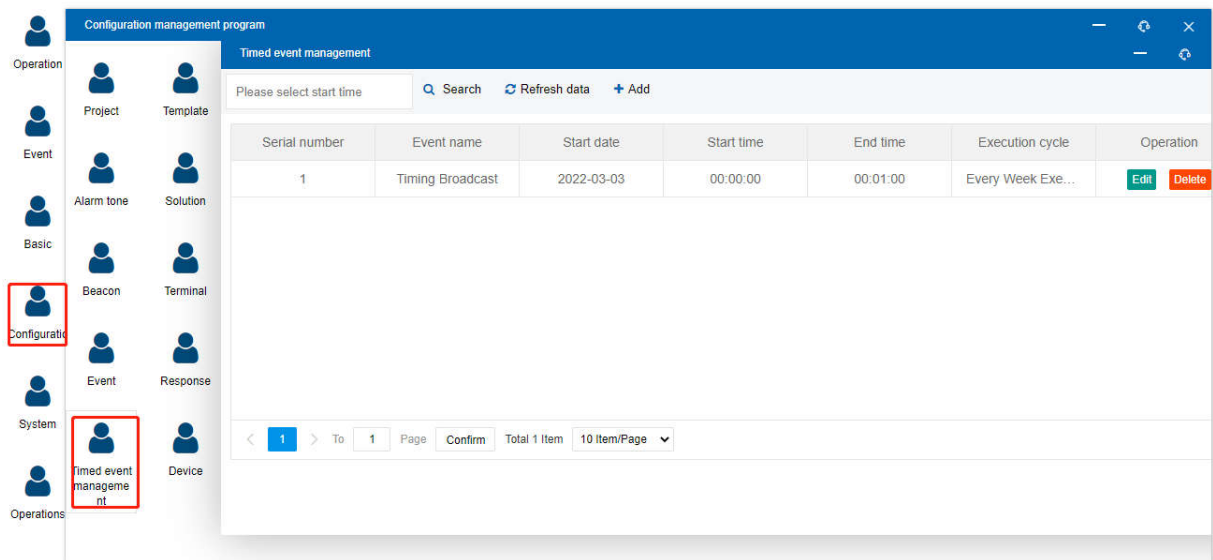


Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the event record information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:

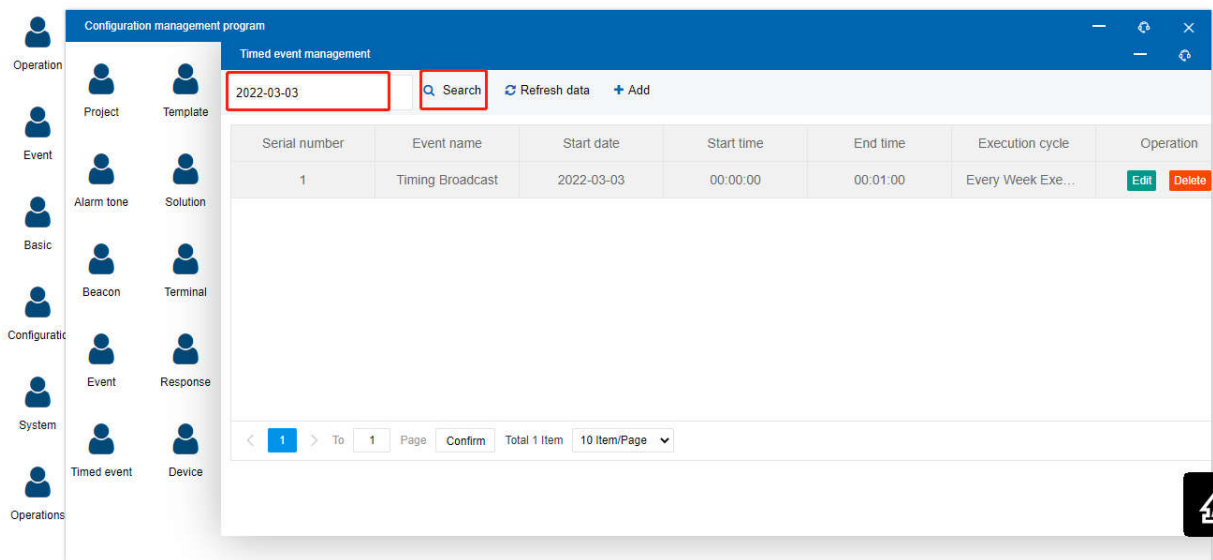


## 2.4.5 Timed event management

Click [Program Configuration Management] - [Timed Event Management] to load the list of timed events in the normal state. The interface is as shown in the figure:



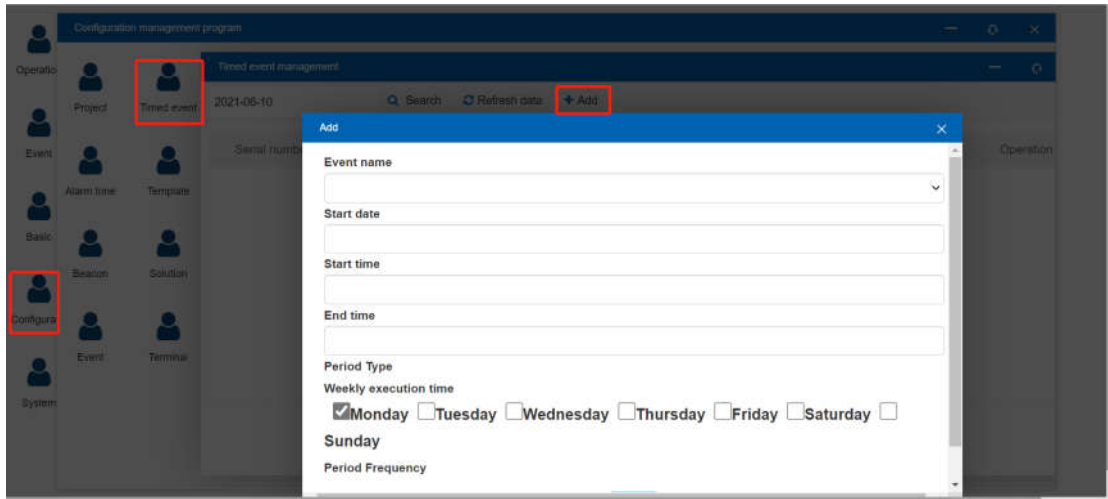
Click the [Refresh Data] button to reload the page table data information;  
Click the [Query] button to filter the event list whose timed event start time is the interface retrieval time. The interface is shown in the figure:



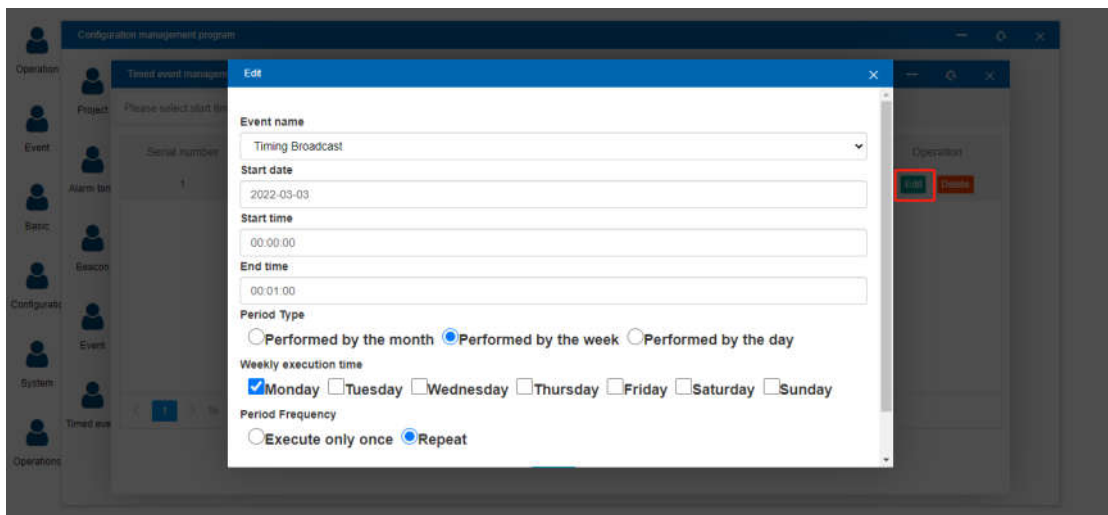
Click the [Add] button to pop up the new timed event page, fill in the relevant content of the page, and click the [Save] button to save the timed event information. The interface is shown in the figure:

Notice:

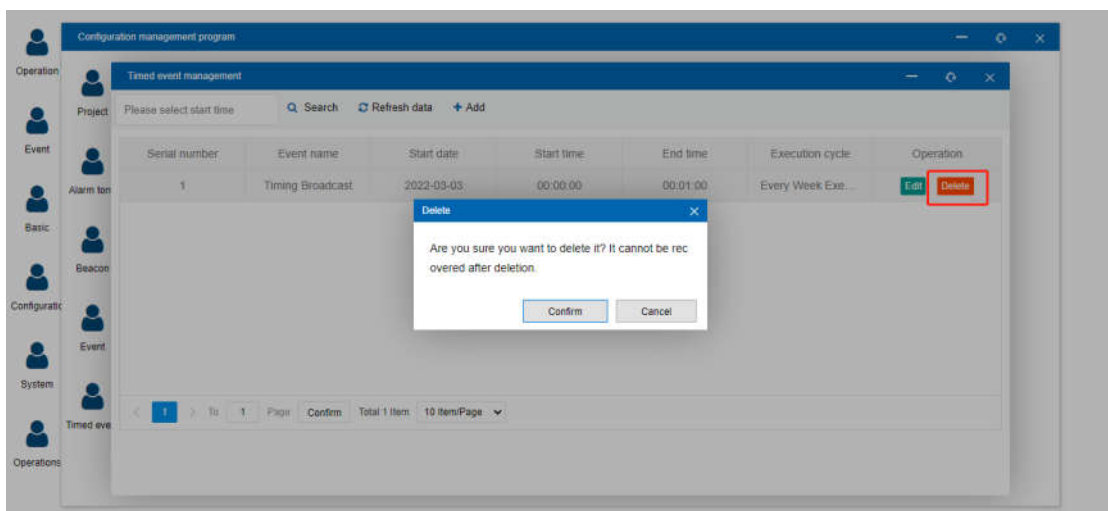
- 1) The current timed event can only be supported by system broadcast.
- 2) Start time: the time when the scheduled task starts to execute
- 3) Weekly execution time: When any day is selected, it is a weekly execution cycle.



Click the [Edit] button, the edit timed event page will pop up, and the content of the interface can be modified. Click the [Save] button to save the timed event information. The interface is shown in the figure:

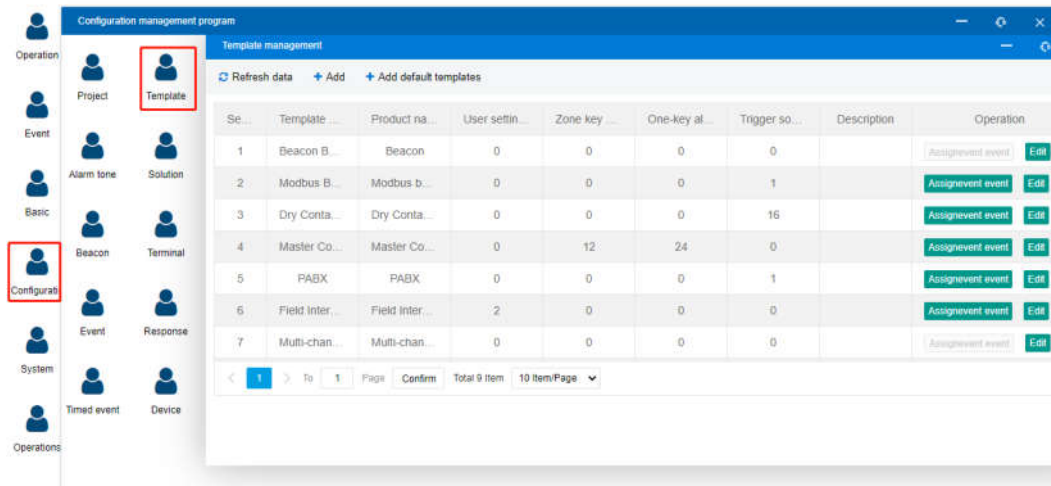


Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the timed event record information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:

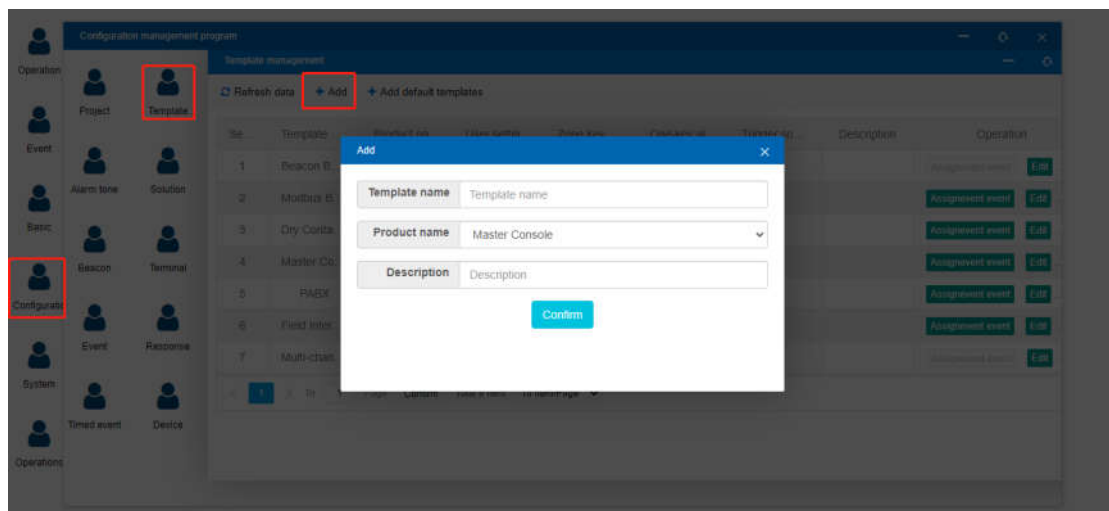


## 2.4.6 Template management

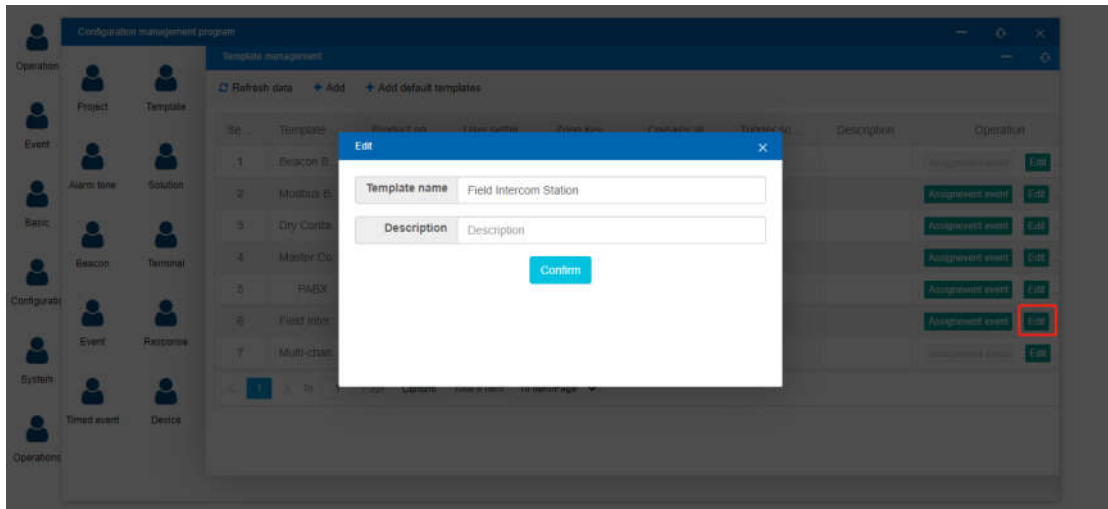
Click [Scheme Configuration Management]--[Template Management] to load the template list information in the normal state, the interface is as shown in the figure:



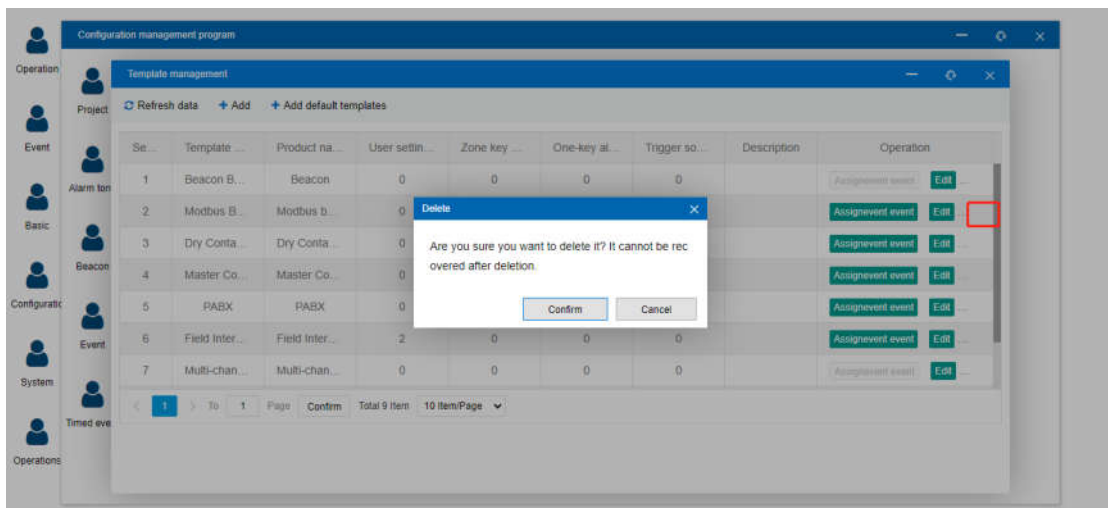
Click the [Refresh Data] button to reload the page table data information;  
Click the [Add] button, the new template page will pop up, fill in the relevant content of the page, and click the [Confirm] button to save the template information. The interface is shown in the figure:



Click the [Edit] button, the edit template page will pop up, and you can modify the interface content. Click the [Confirm] button to save the template information. The interface is shown in the figure:

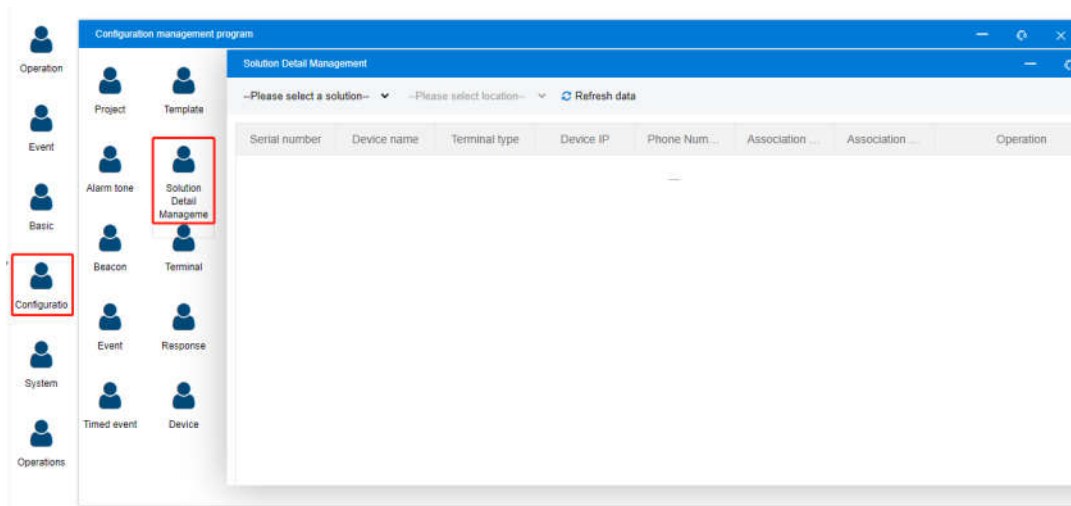


Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the template record information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:

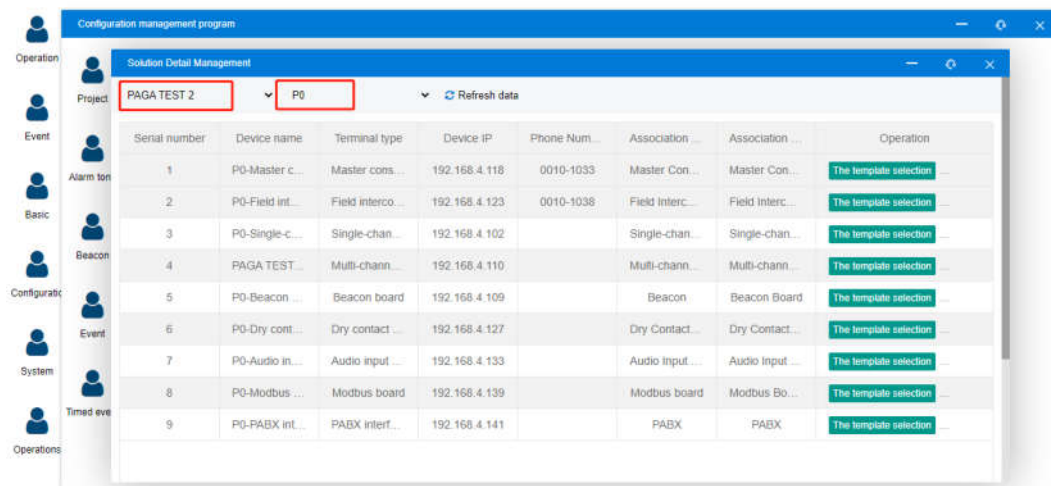


## 2.4.7 Scheme detail management

Click [Scheme Configuration Management]--[Scheme Detail Management], the list information of the scheme that is not loaded by default, the interface is as shown in the figure:



Click the scheme selection list to select the scheme, and select the address list under the scheme to select the installation address, and load the device list associated with the address. The interface is as follows:



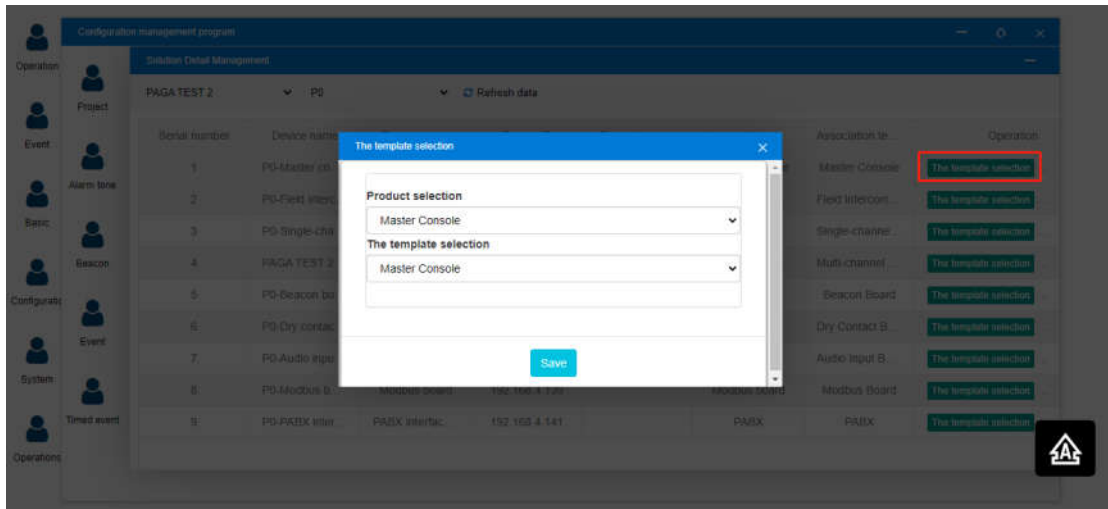
Click the [Refresh Data] button to reload the page table data information;

Click the [Modify Phone] button, the modify phone page will pop up, fill in the relevant content of the page, and click the [Save] button to save the phone information. The interface is shown in the figure:

Notice:

- 1) Modify phone: The button is disabled in other cases except that the device type is the main control station and the front-end station [Modify phone] button is available;
- 2) The phone defaults to a SIP phone, which can be changed arbitrarily. The number of modified phone digits is 4, which cannot be repeated;

Click the [Edit] button, the editing page will pop up, and you can modify the interface content. Click the [Save] button to save the scheme details. The interface is shown in the figure:



## 2.4.8 Terminal intercom management

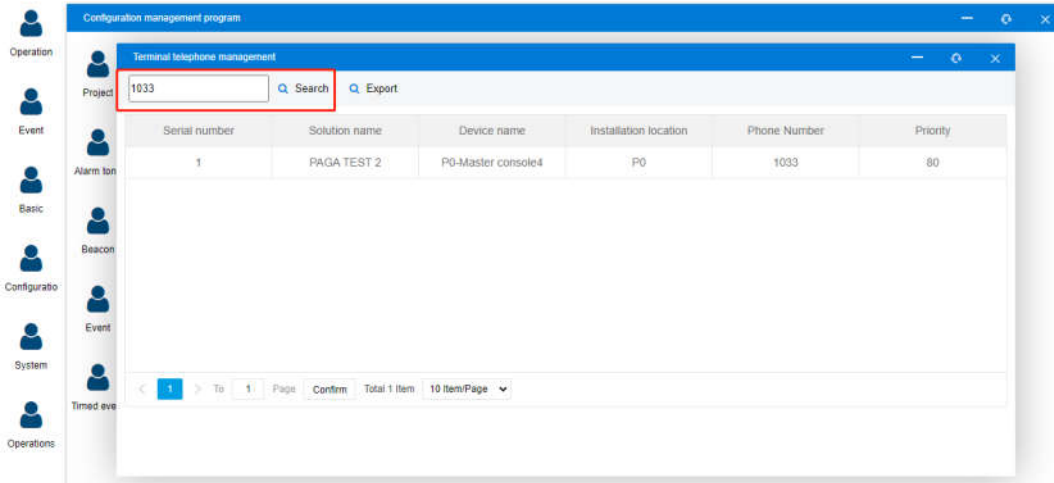
Click [Program Configuration Management]--[Terminal intercom Management] to load the program list information in the normal state, the interface is as shown in the figure:



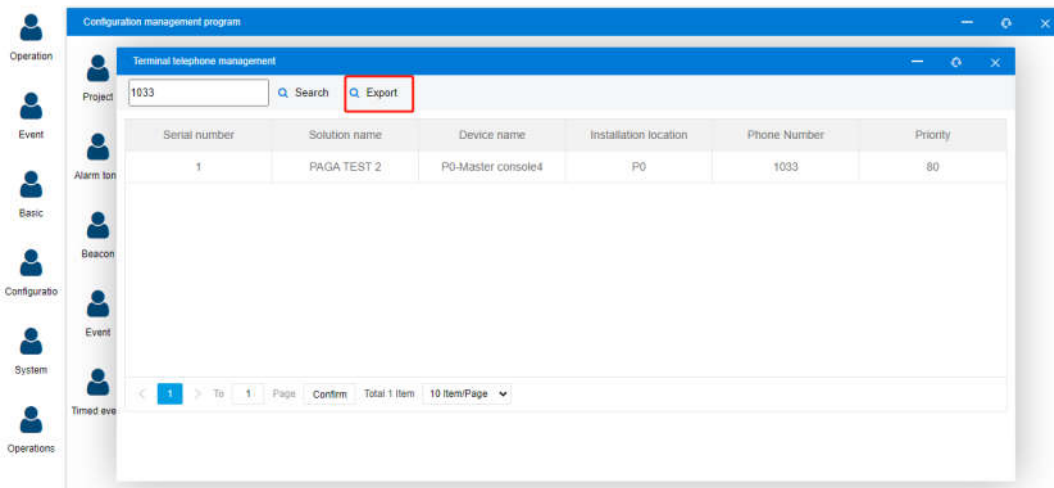
Serial number	Solution name	Device name	Installation location	Phone Number	Priority
1	PAGA TEST 2	P0-Master console4	P0	1033	80
2	PAGA TEST 2	P0-Field intercom sta...	P0	1038	80

Enter the retrieval intercom number and click the [Query] button to retrieve the list data of the scheme details that meet the conditions. The interface is as shown in the figure:





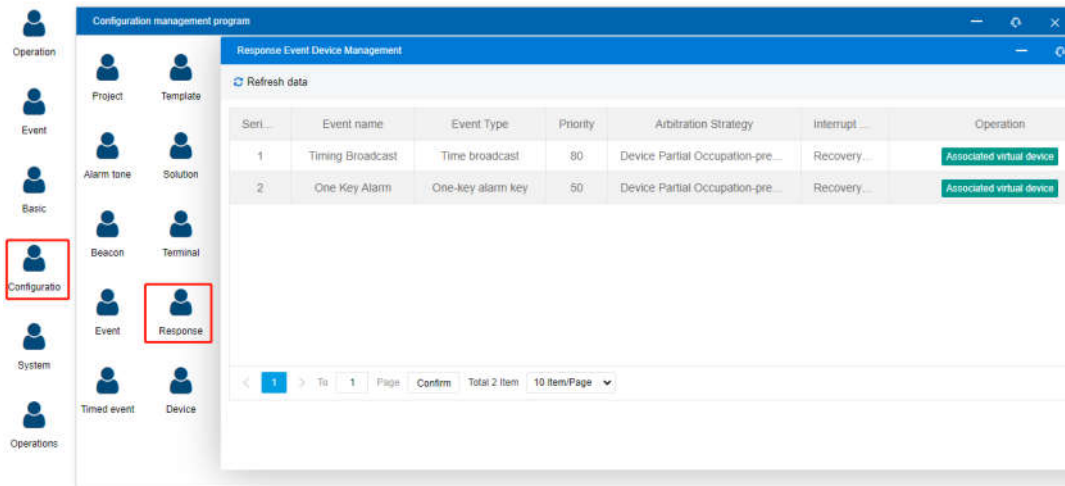
Click the [Export] button to export the required phone information in the list. The file format is EXCEL, and the interface is as shown in the figure:



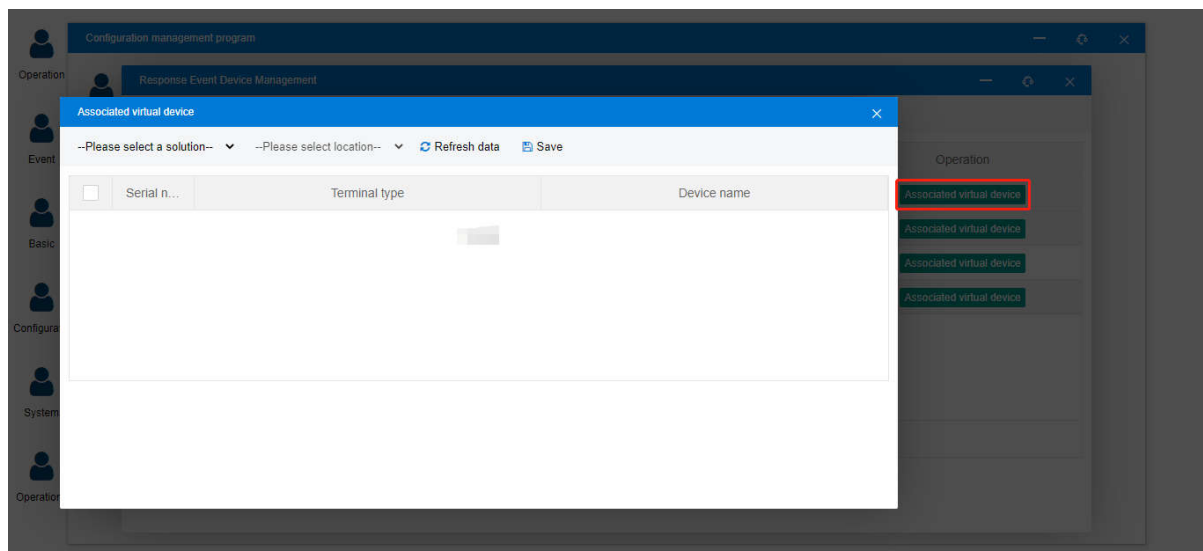
	A	B	C	D	E	F
1	Serial number	Solution name	Device name	Installation location	Phone Number	Priority
2	1	PAGA TEST 2	P0-Master console4	P0	1033	80

## 2.4.9 Response to event Device Management

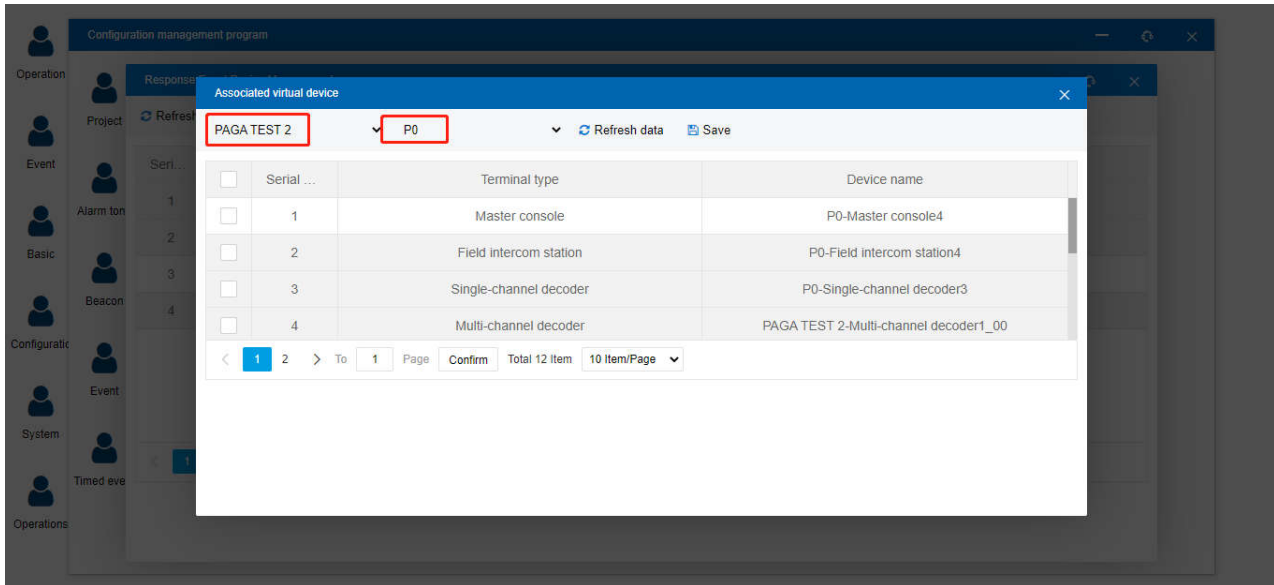
Click [Scheme Configuration Management] - [Response Event Device Management] to load the event list information in the normal state. The interface is as shown in the figure:



Click the [Refresh Data] button to reload the page table data information;  
 Click the [Associate Virtual Device] button, the associated device page will pop up, and the list information data will not be loaded by default. The interface is shown in the figure:



Click the scheme selection list to select the scheme, and select the address list under the scheme to select the installation address, and load the device list associated with the address. The interface is as follows:

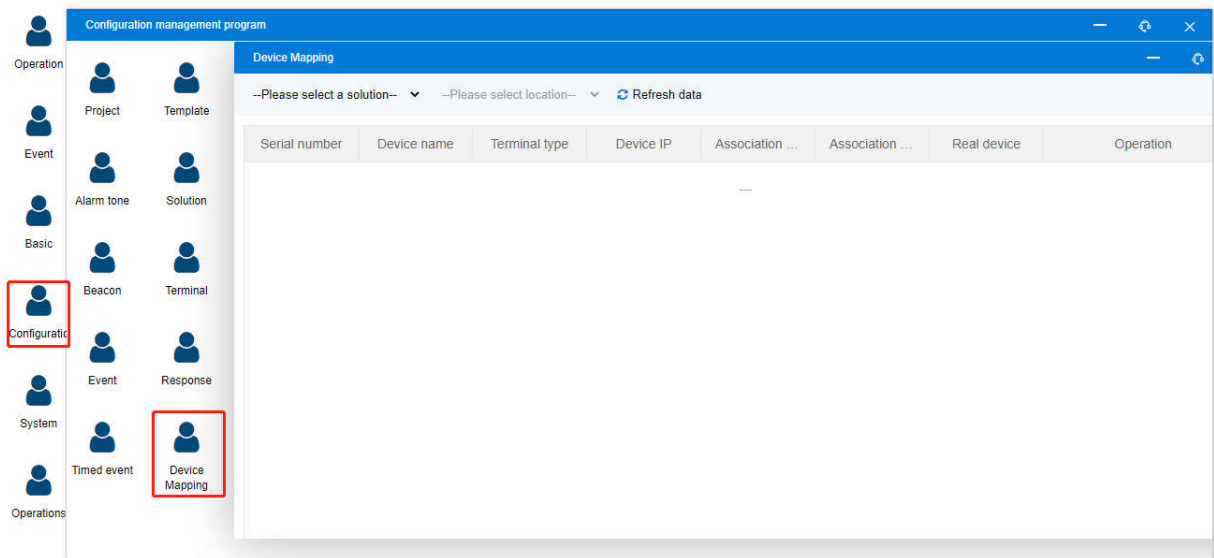


Check the devices that meet the conditions, and click the [Save button] to associate the virtual device with the event.

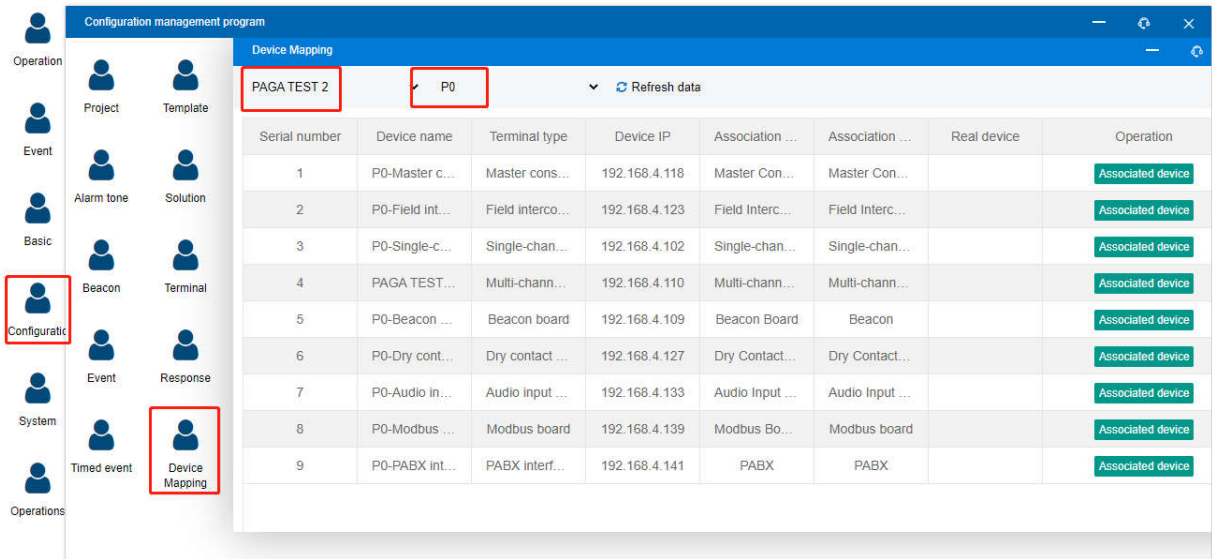
Click the [Refresh Data] button to reload the page table data information;

## 2.4.10 Device mapping

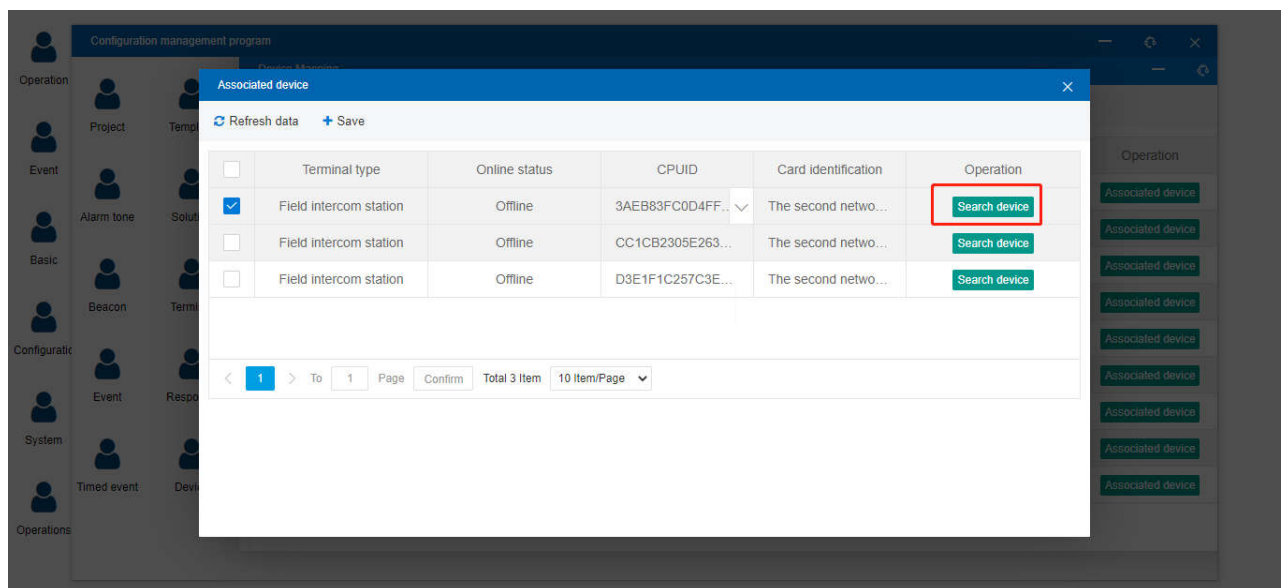
Click [Program Configuration Management]--[Device Mapping], the list information is not loaded by default, the interface is as shown in the figure:



Click the scheme selection box to select the scheme, and then select the installation address under the scheme to load the device list information installed under the address. The interface is shown in the figure:

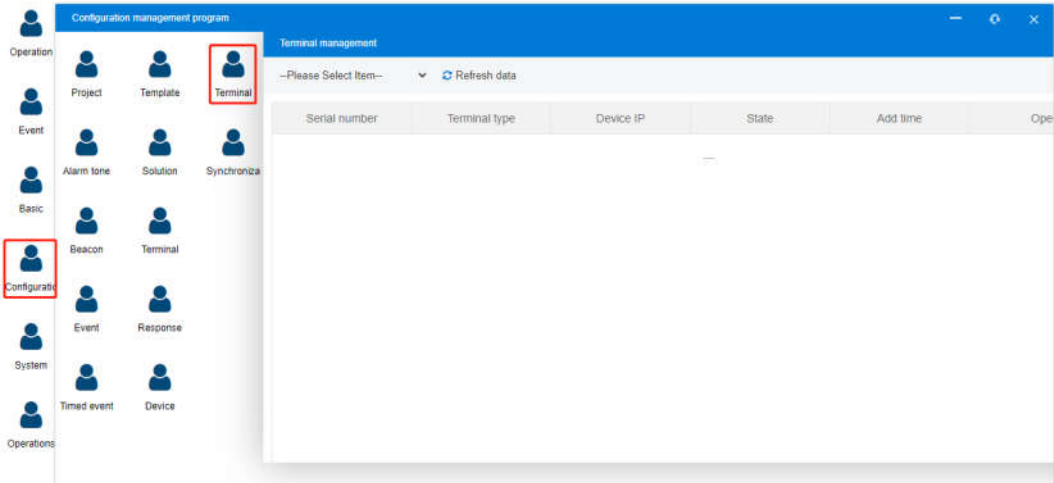


Click the [Associate Device] button to pop up the Associated Device page, which loads a list of unregistered devices of the same device type by default: when a device is selected, and the [Save] button is clicked, the real device and the scheme details in the system are carried out. Association; click the [Find Device] button to send an indicator message to the device to identify the device. The interface is shown in the figure:

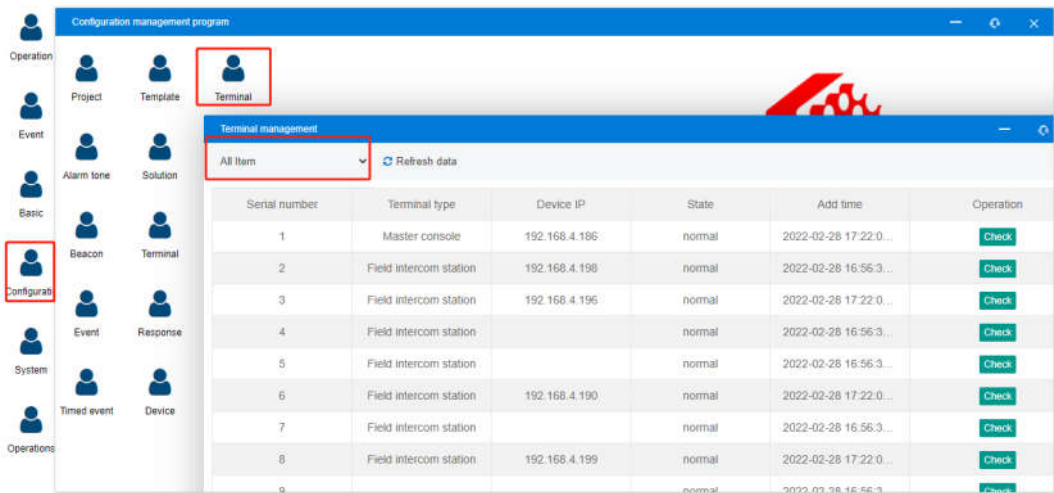


## 2.4.11 Terminal management

Click [Program Configuration Management] - [Terminal Management], the device list information is not loaded by default, the interface is as shown in the figure:



Click the device type selection box and select a device type, that is, load the device list information of this type. The interface is shown in the figure:

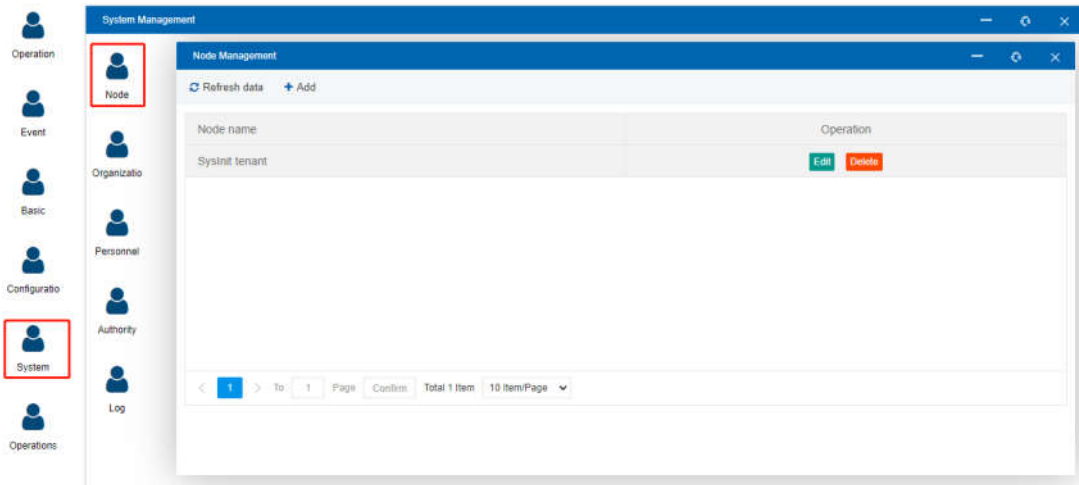


Click the [View] button, the device details page will pop up, and you can view the information of the device, and the content of the interface cannot be modified. The interface is shown in the figure:

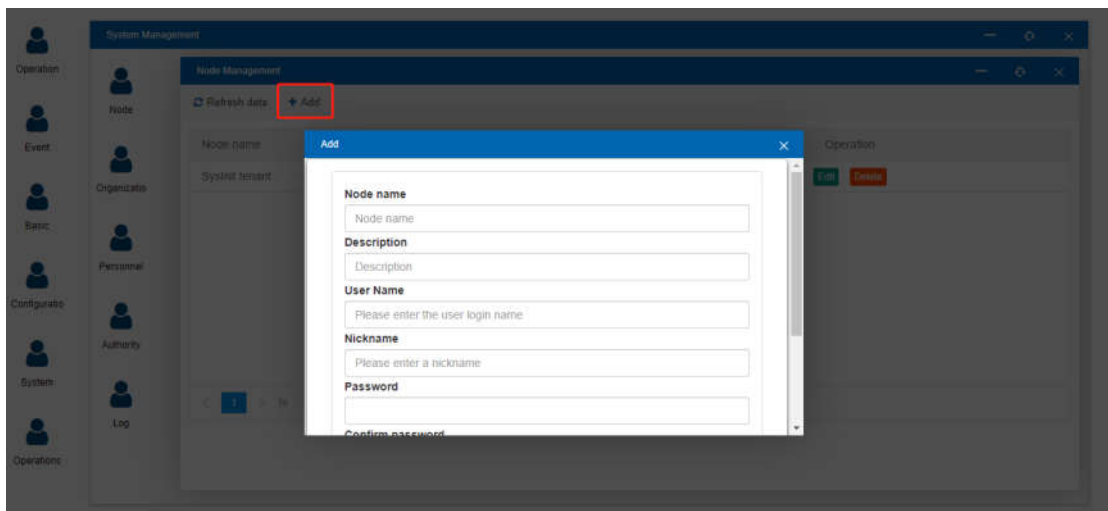
## 2.5 System Management

### 2.5.1 User management

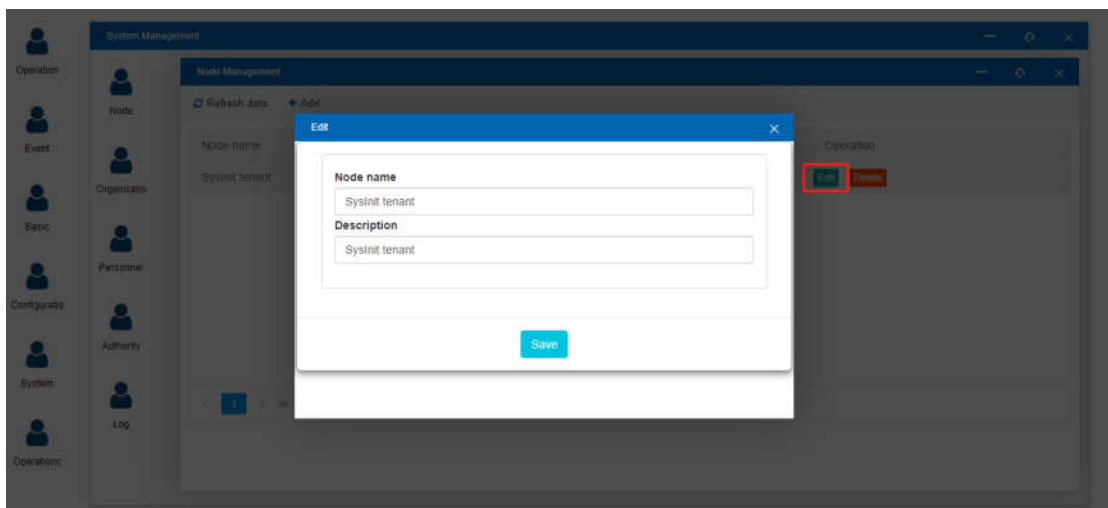
Click [System Management]--[user Management] to load the tenant list information in normal state, the interface is as shown in the figure:



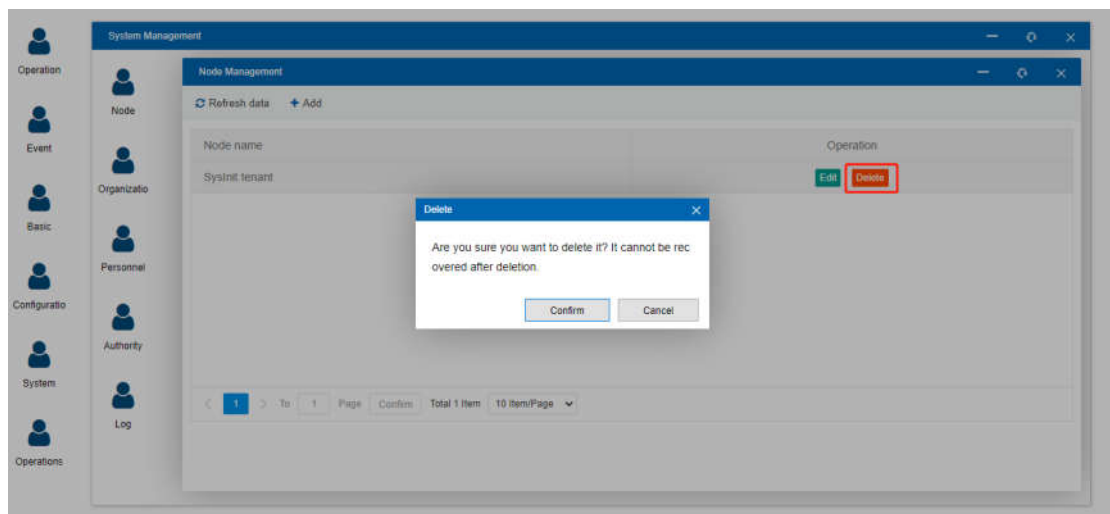
Click the [Add] button to pop up a new page, fill in the relevant content of the page, click the [Save] button to save the user information, and implicitly generate an organization record and user record by default, and assign the FACTORY role to the user. The interface is shown in the figure:



Click the [Edit] button to pop up the edit tenant page, where you can modify the content of the interface, and click the [Save] button to save the user information. The interface is shown in the figure:

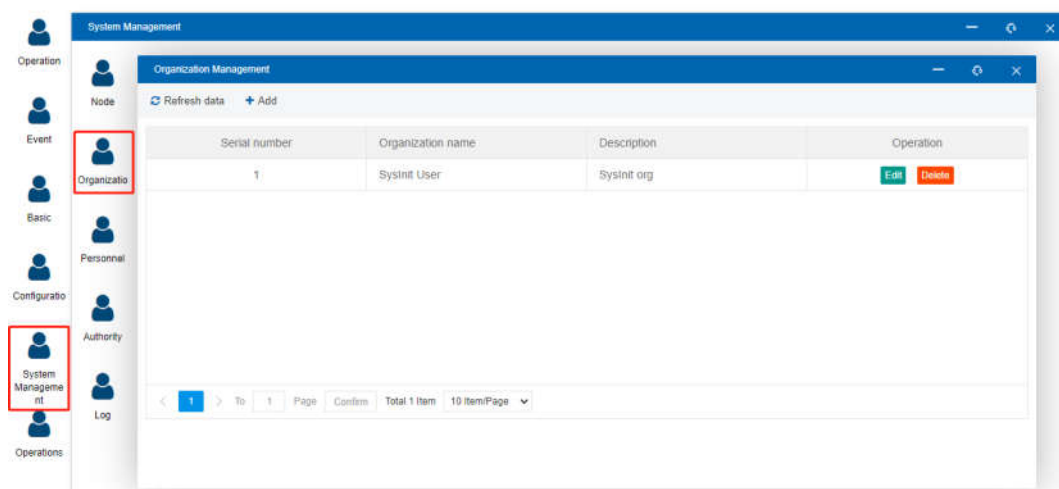


Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the user record information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:

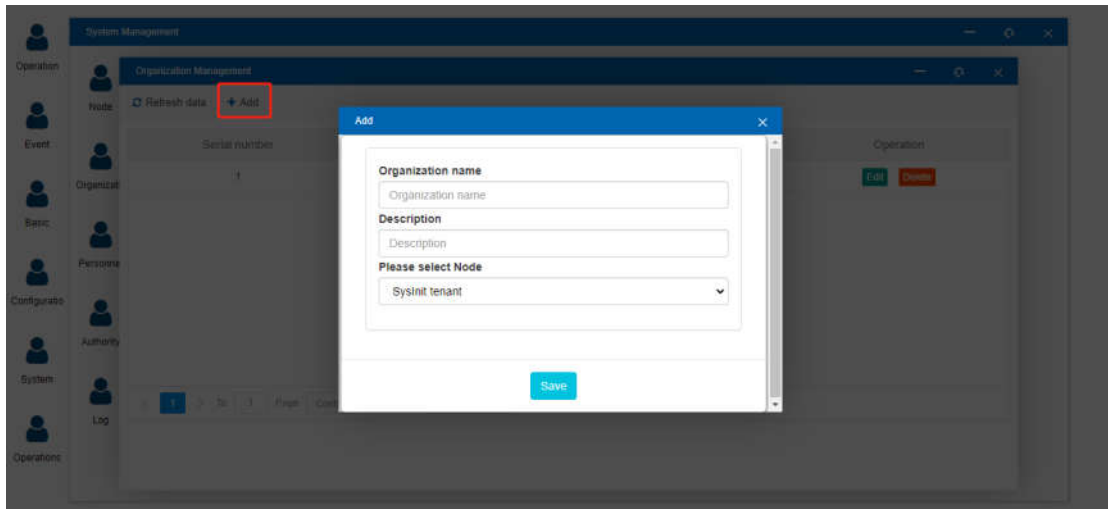


## 2.5.2 Organization Management

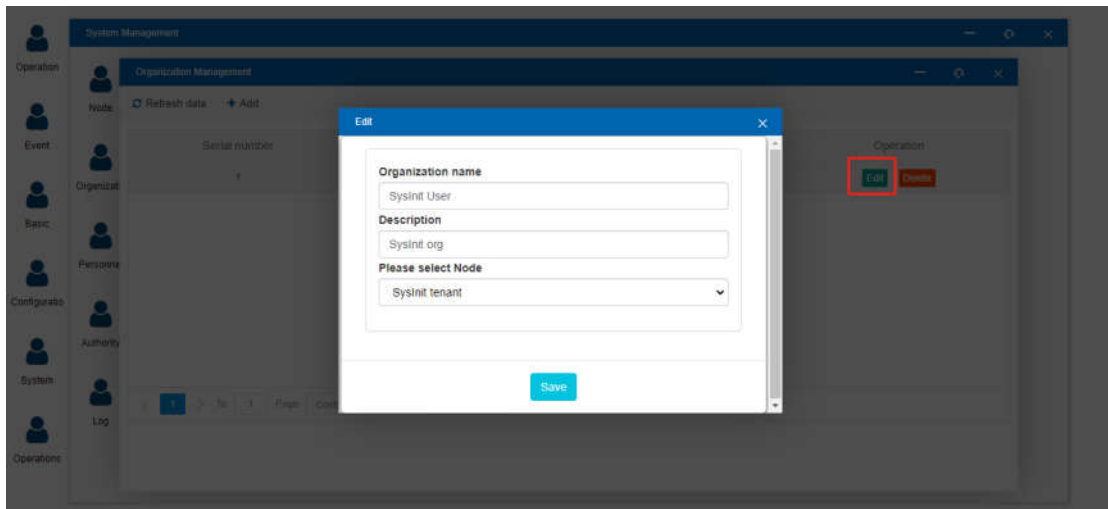
Click [System Management]--[Organization Management] to load the list of organizations in the normal state of the tenant. The interface is as follows:



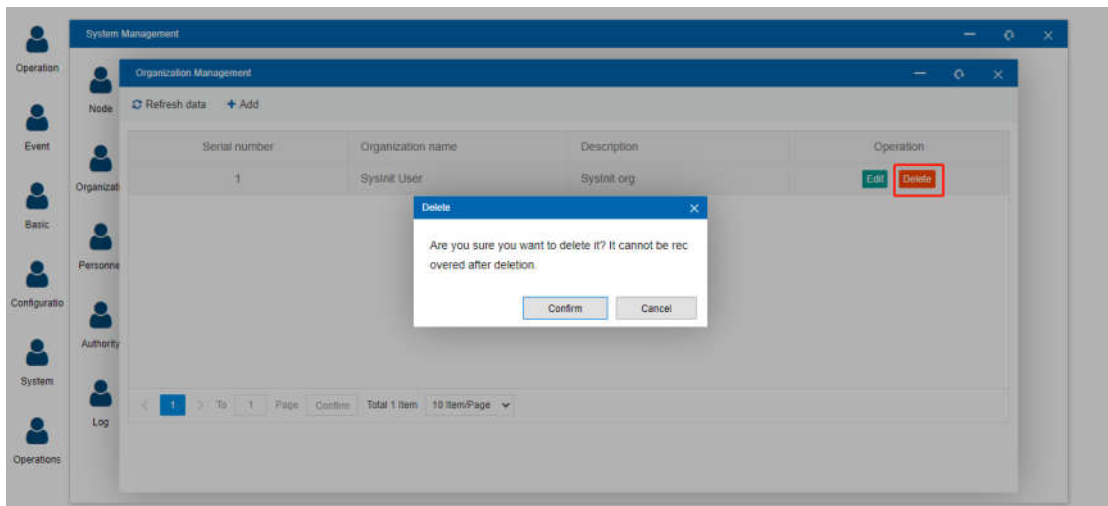
Click the [Add] button, a new page will pop up, fill in the relevant content of the page, and click the [Save] button to save the organization information. The interface is shown in the figure:



Click the [Edit] button to pop up the editing organization page, where you can modify the content of the interface, and click the [Save] button to save the organization information. The interface is shown in the figure:



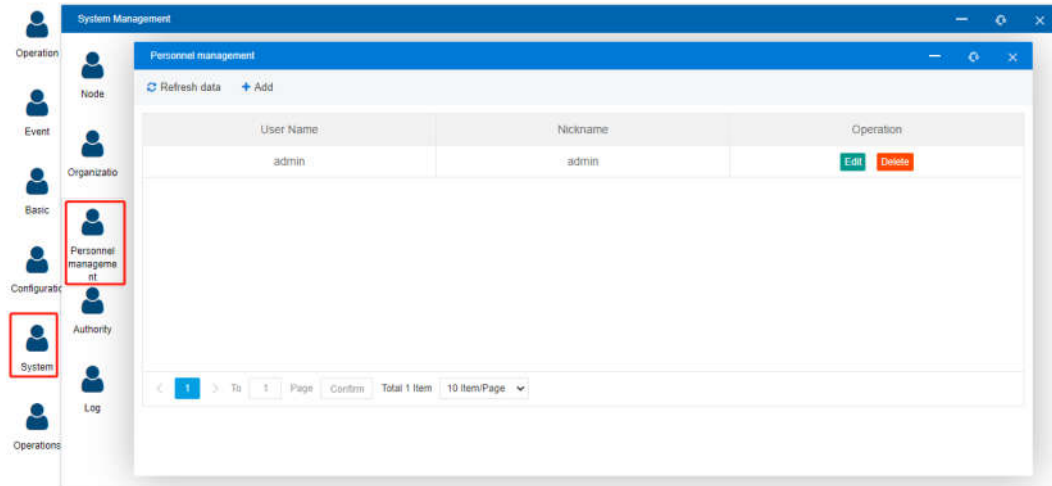
Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the institution record information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:



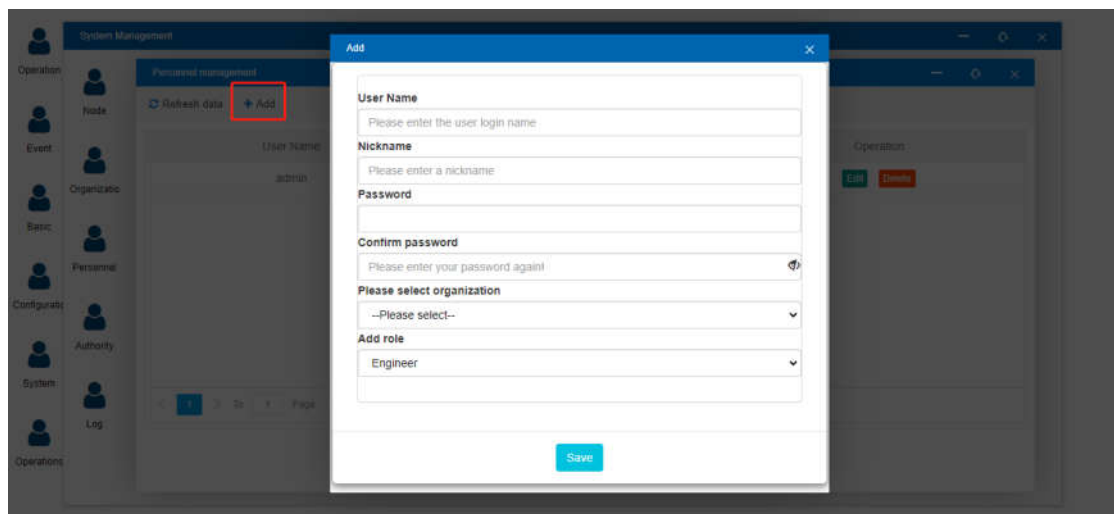


## 2.5.3 Personnel management

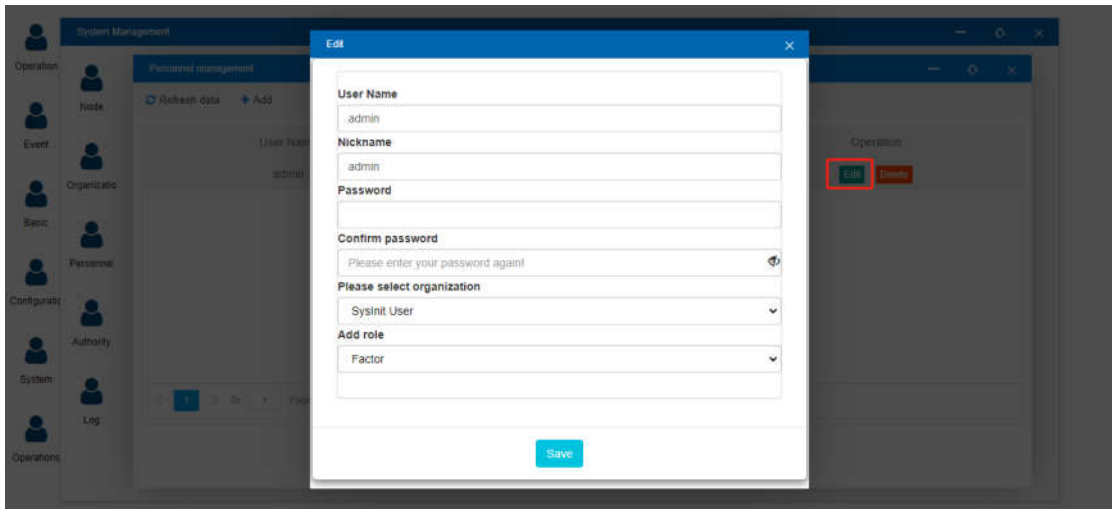
Click [System Management]--[Personnel Management] to load the user list information in the normal state of the organization. The interface is as shown in the figure:



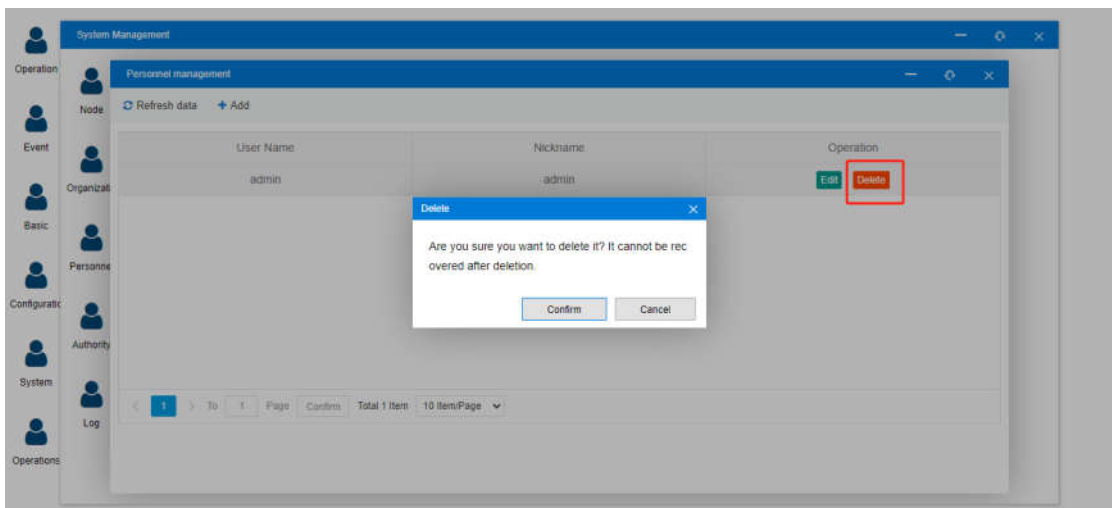
Click the [Add] button, a new page will pop up, fill in the relevant content of the page, and click the [Save] button to save the user information. The interface is shown in the figure:



Click the [Edit] button, the edit user page will pop up, and you can modify the interface content. Click the [Save] button to save the user information. The interface is shown in the figure:

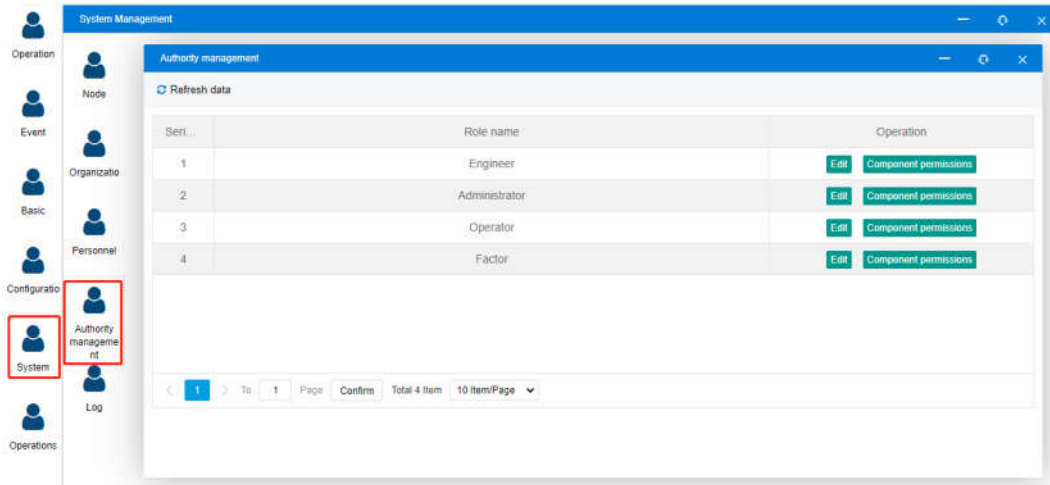


Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the personnel record information, and click the [Cancel] button to cancel this deletion operation. The interface is shown in the figure:

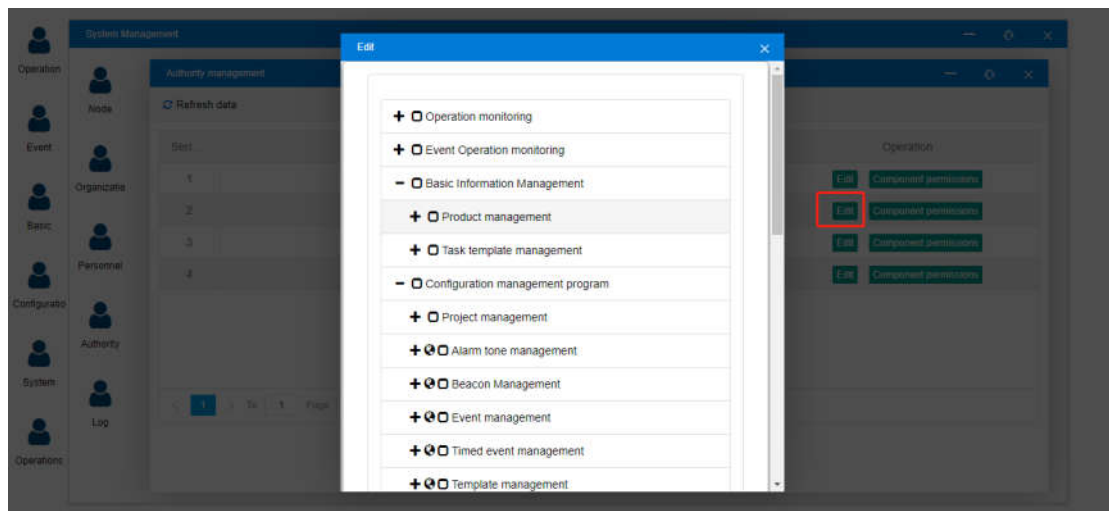


## 2.5.4 Authority management

Click [System Management]--[Permission Management] to load the system preset role information list, the interface is as shown in the figure:



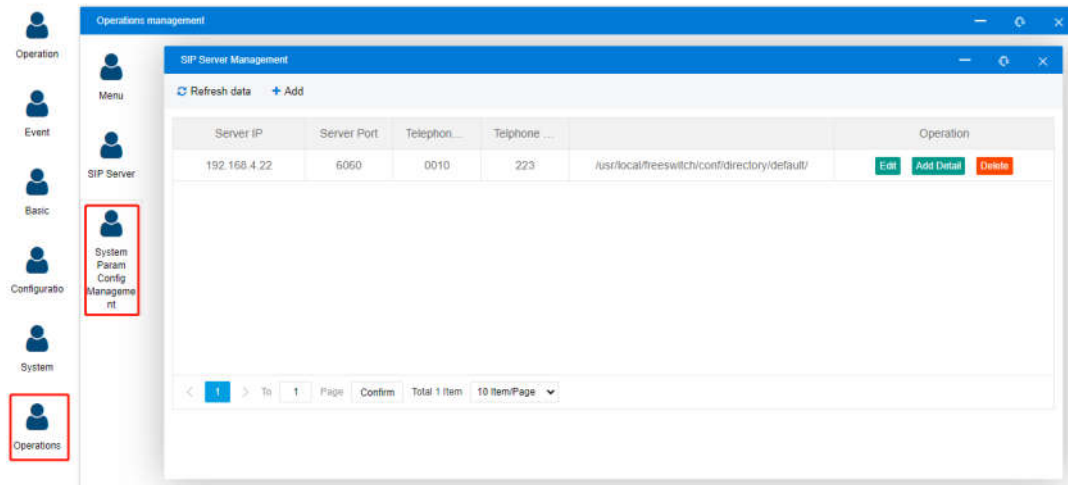
Click the [Edit] button to pop up the menu list, you can check the menu permissions granted by the role, and click the [Save] button to save the relationship between the role and the menu. The interface is shown in the figure:



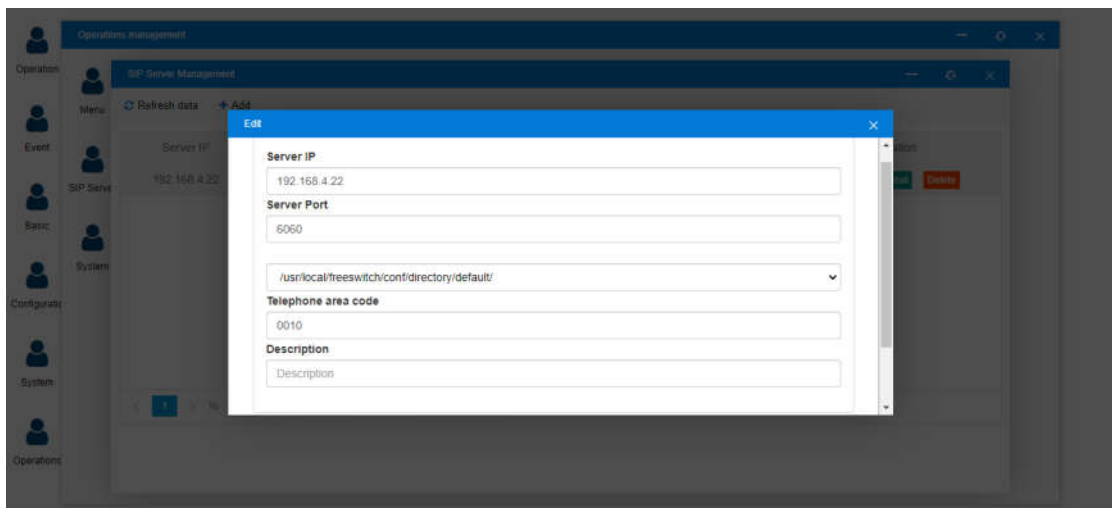
## 2.6 Operation and maintenance management

### 2.6.1 SIP Service management

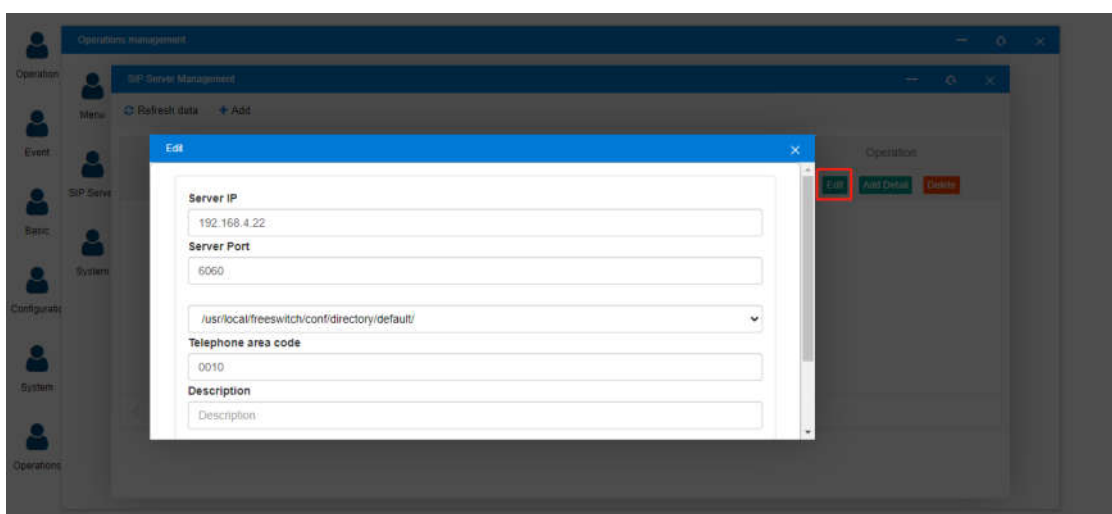
Click [Operation and Maintenance Management]--[SIP Service Management] to manage SIP service information. The current system generates 20 SIP intercom records by default.



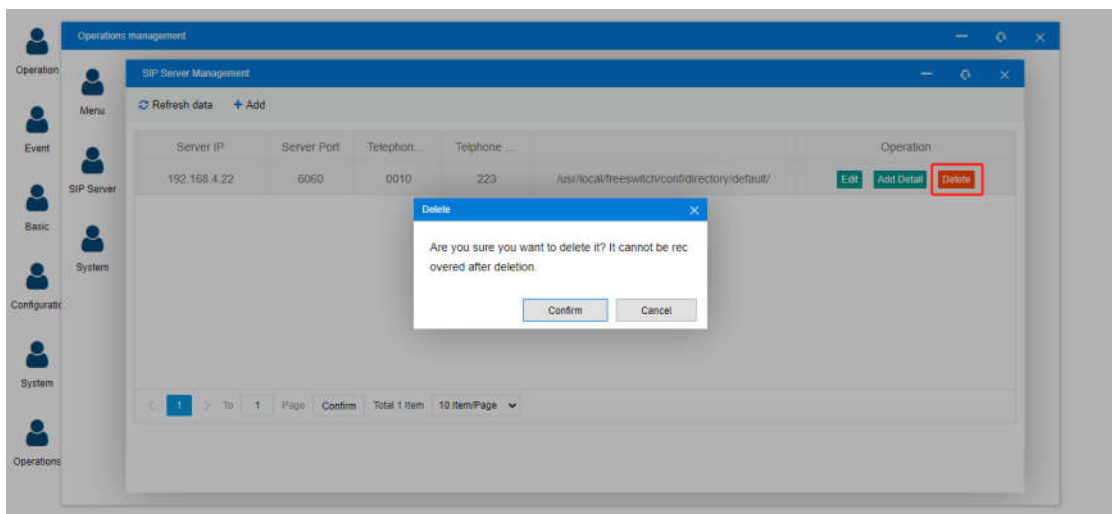
Click the [Add] button to pop up the interface for adding a SIP service record, enter the relevant content, and click the [Save] button to generate a SIP service record. The interface is shown in the figure: .



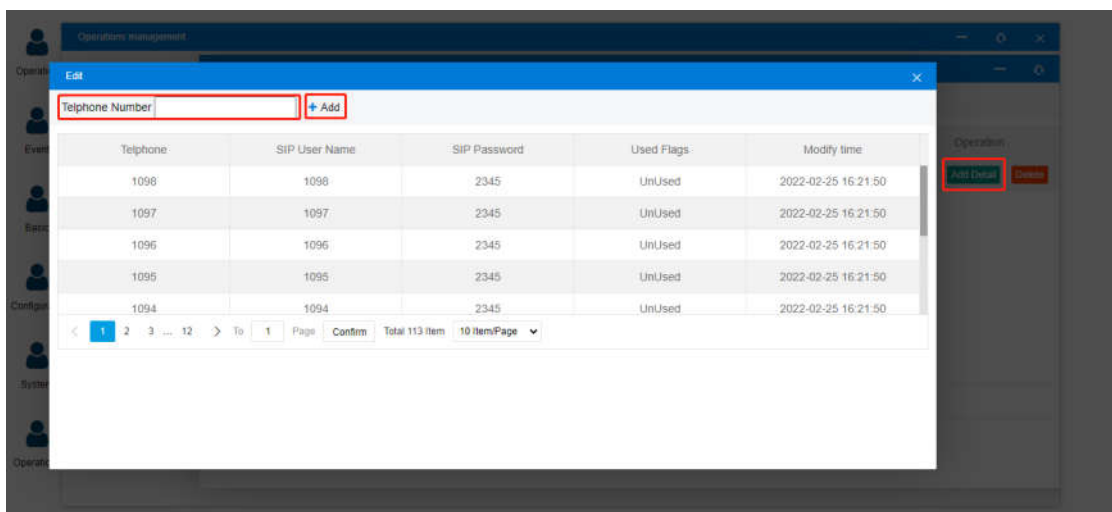
Click the [Edit] button to pop up the edit SIP service record interface, you can modify the interface content, click the [Save] button to save the changed information. The interface is shown in the figure:



Click the [Delete] button, a deletion confirmation box will pop up, click the [Confirm] button to delete the SIP service record information, click the [Cancel] button to cancel this deletion operation, the interface is as shown in the figure:



Click the [Add Details] button to pop up the add phone interface, enter the number of phone calls, click the [Add] button, and add a detailed record of the number of input phone numbers based on the original number of phone calls in the SIP service record, and the corresponding SIP phone number will be generated at the same time. XML file, XML file storage location, see the system parameter configuration table. The interface is shown in the figure:



## 2.6.2 System parameter configuration management

Click [Operation and Maintenance Management]--[System Parameter Configuration Management] to view system-related parameter configuration items, which can only be viewed and cannot be modified at present.

The parameter configuration item information is as follows: modifying the SIP service XML configuration path, language, broadcast time interval, maximum audio playback time, encryption algorithm flag, network disconnection detection time interval, audio signal detection time interval, playback audio source loss detection interval, and packet validity period Offset time, specified

playback delay when sound is sent, time interval for detecting dry contact signal, audio priority, Modbus address, alarm sound file storage path, phone number length, recording file storage path, and the number of heartbeats to judge the disconnection of the network.

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