



# **D-Lite Cloud User Manual**

CMS (Cloud Management System)

Version 1.2

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# Chapter 1. CMS (cloud management system) configuration start

The CMS(cloud management system) supports adding devices to the cloud. Even when the device is not nearby, as long as it is connected to the internet, it can be added to the cloud at any time, enabling remote monitoring and network maintenance.

This section is designed to provide new users with instructions on how to get started with the CMS(cloud management system). This covers the basic requirements for using CMS, including how to create an account and adding a new device using the provided Default Profile template that sets up network functions with recommended settings.

Below you will find a list of topics to help you get started:

## 1. Login to the CMS(cloud management system)

Login to the CMS(cloud management system) website: <https://cms.dlitecloud.com/>

If you already have an account, log in directly; if you haven't registered an account yet, please register first.

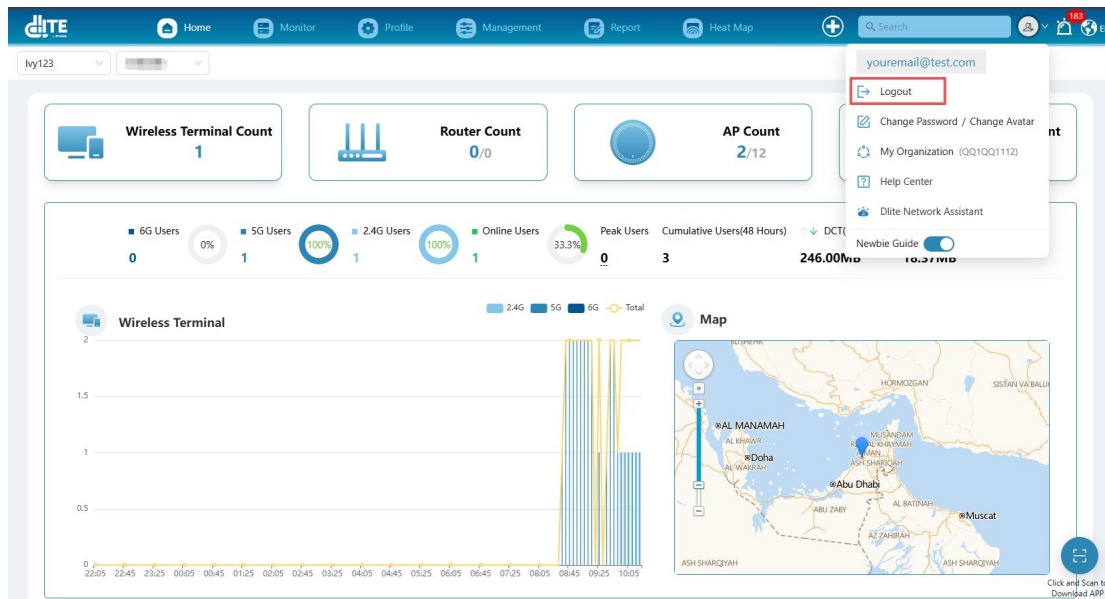
### Log In

In your web browser, go to <https://cms.dlitecloud.com> Enter your registration email address and password. Click Login.



## Log Out

In the CMS (cloud management system), click the username in the top-right corner. Click Logout.



## 2. Guest login

If you do not have an account, but want to know the features of the CMS (cloud management system) platform, you can click on the guest login, see the basic features of the display, the guest account will provide some simulation data for reference.



### 3. Creating an Account

Access to the CMS(cloud management system) can be obtained by signing up for a free account. Click 'NO account,register one.

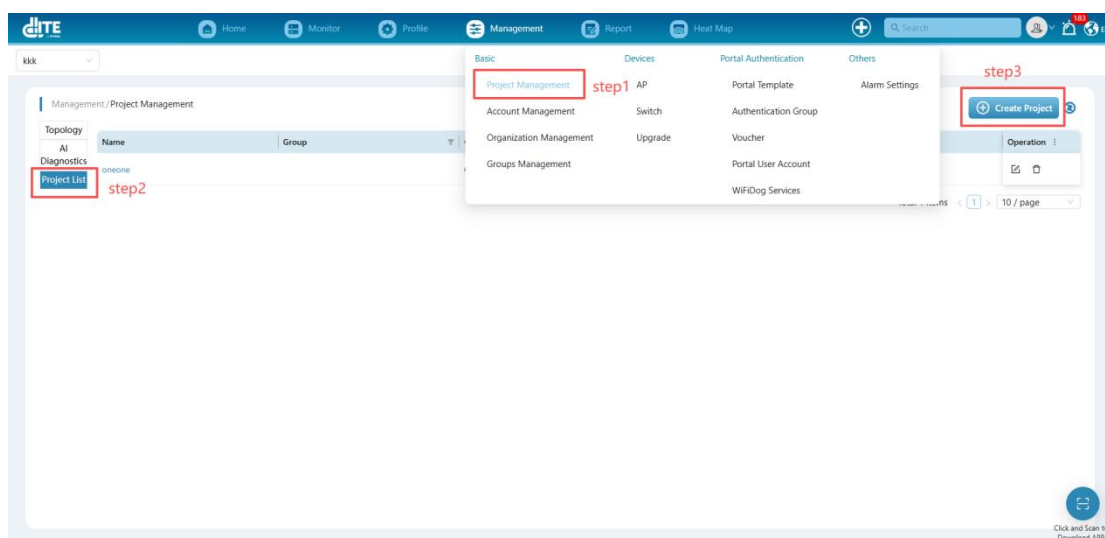


### 4. Create project

1. There are two ways to create a project

**Method 1:**

Navigate to Management>Basic>Project management>Project list, Click Create project.



**Method 2:**

You can click on the plus sign "Add Project" in the top right corner.



## 2. Fill in project information.

Create project

\* Name:

\* Organization:

K

Group:

Time zone:

\* Password:

Note:the password used to access the device's web interface

Location:

Cancel

Confirm

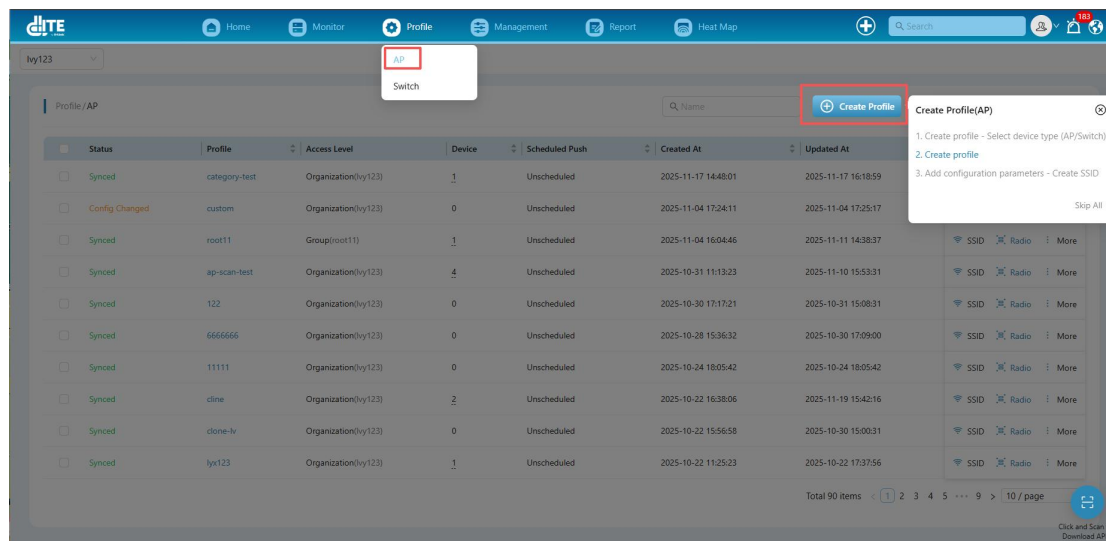
**Fill out the required information.**

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Name                 | Enter a name for the project                                     |
| Organization         | The organization where your current account is located           |
| Group (optional)     | Select the group to which you want the current project to belong |
| Time zone (optional) | Project time zone                                                |
| Password             | The password used to access the device's web interface           |
| Location (optional)  | Project location                                                 |

## 5. Create profile

1. Navigate to Profile>AP, Click on "Create profile"

Profile is used to configure the wifi parameters of the device.



2. Fill in profile information.

Add
✕

\* Profile Name:

Access Level: Organization

\* Organization: K

\* Configuration: ☒ Use Default Configuration ☐ Clone from existing profile

Cancel Confirm

### Fill out the required information.

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Profile name  | Enter a name for the profile                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Access level  | <p>Allows you to select a permission level as organization, group, or project when creating a profile. The options have the following permissions:</p> <p><b>Organization:</b> All devices managed under the organization can use the configuration file.</p> <p><b>Group:</b> This configuration file can only be used by devices managed under the project of the current group and subgroup.</p> <p><b>Project:</b> This profile can only be used by devices managed under the current project</p> |
| Organization  | The organization where your current account is located                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Configuration | <p><b>Use default configuration :</b> This profile will use default configuration. You may modify configurations after it is created.</p> <p><b>Clone from existing profile:</b> Select to copy the configuration of the already created configuration file.</p>                                                                                                                                                                                                                                      |

**Note:** After modifying the profile (Refer to [Modifying Profile](#)), you need to click 'Push profile' each time for the modified profile to be synchronized to the device.

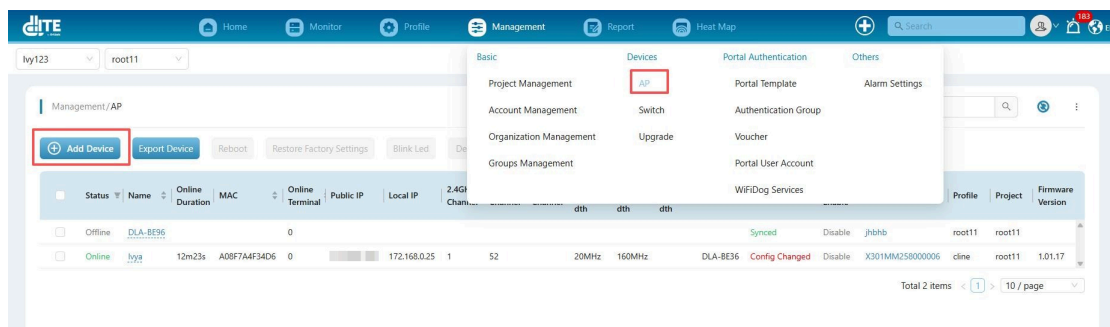
## 6. Add device

**Prompt:** Before adding the device, please ensure that the device is powered on and connected to the internet.

1. Before adding devices, you need to create a project and profile (Refer to [Create project](#) and [Create profile](#), If it has been created, ignore it). There are two ways to add a device.

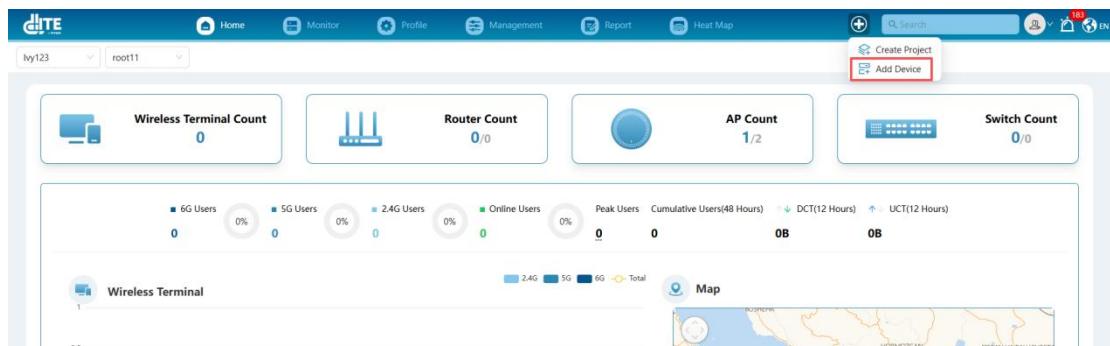
### Method 1:

Navigate to Management>Devices>AP, Click Add device.



### Method 2:

Or you can click on the plus sign "Add device" in the top right corner.



2. You can choose to add a single device or add multiple devices in bulk. After adding, the device list will display the devices with an online status, indicating successful addition and enabling management operations.

### Single add :

Add Device
✕

Single Add

Batch Add

\* Type: ☒ AP ☐ Switch

\* SN:

\* Name:

\* Password: 

Note:Default Login Password is admin

\* MAC Verify: 

Please enter the last 6 digits of Mac

\* Project:

\* Profile:

\* Enable Profile: ☒ Enable ☐ Disable

Cancel

Confirm

### Fill out the required information.

|            |                                                                                                                                                                                                                                         |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SN         | <p>Methods to obtain the device SN:</p> <p>Method 1: Check the SN label on the back panel of the device.</p> <p>S/N : XXXXXXXXXXXXX</p> <p>Method 2: Log in to the device's local web interface to obtain the device serial number.</p> |
| Name       | Enter a name for the device                                                                                                                                                                                                             |
| Password   | <p>The device login password.</p> <p>Methods to obtain the device Password:</p> <p>Check the Login Password on the back panel of the device.</p>                                                                                        |
| MAC verify | <p>The last six of the MAC.</p> <p>To obtain the last six digits of the MAC:</p> <p>View the MAC label on the rear panel of the device.</p> <p>Input format: XXXXXX</p> <p>MAC ID : XXXXXXXXXXXXX</p>                                   |
| Project    | Select the project to which the device belongs                                                                                                                                                                                          |

|                |                                                                                                                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Profile        | Select the configuration file of the device                                                                                                                                                                                                    |
| Enable profile | Choose whether to synchronize the profile immediately or disable it temporarily Click the device name in the Monitor/AP/Devices directory to go to the SSID or Radio page of device details. You can enable the synchronization profile again. |

### Batch add devices:

Step 1: Click Add device. Click Batch add to add devices in batches

Add Device ✕

Single Add Batch Add

\* Organization: K

\* Project:

\* Type: ☒ AP ☐ Switch

\* Profile:

\* Enable Profile: ☒ Enable ☐ Disable

\* File:

Download Template

Cancel Confirm

Step 2: [Optional] Click Download template to download the reference sample template.

Add Device ✕

Single Add Batch Add

\* Organization: K

\* Project:

\* Type: ☒ AP ☐ Switch

\* Profile:

\* Enable Profile: ☒ Enable ☐ Disable

\* File:

Download Template

Cancel Confirm

Examples are as follows:

| SN*            | DeviceName     | Password*      | MacDigis*                        |
|----------------|----------------|----------------|----------------------------------|
| XXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXX (The last six of the MAC) |

**Note:** To ensure security, you need to verify the login password and the last six digits of the MAC address when adding a device. The device can be successfully added only when you enter the correct local web login password and the last six digits of the MAC address.

**Parameter interpretation:**

|                |                                                                                                                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SN             | <p>Methods to obtain the device SN:</p> <p>Method 1: Check the SN label on the back panel of the device.</p> <p>S/N : XXXXXXXXXXXXX</p> <p>Method 2: Log in to the device's local web interface to obtain the device serial number.</p>         |
| DeviceName     | Enter a name for the device                                                                                                                                                                                                                     |
| Password       | <p>The device login password.</p> <p>Methods to obtain the device Password:</p> <p>Check the Login Password on the back panel of the device.</p>                                                                                                |
| MacDigis       | <p>The last six of the MAC.</p> <p>To obtain the last six digits of the MAC:</p> <p>View the MAC label on the rear panel of the device.</p> <p>Input format: XXXXXX</p> <p>MAC ID : XXXXXXXXXXXX</p>                                            |
| Project        | Select the project to which the device belongs                                                                                                                                                                                                  |
| Profile        | Select the configuration file of the device                                                                                                                                                                                                     |
| Enable profile | Choose whether to synchronize the profile immediately or disable it temporarily. Click the device name in the Monitor/AP/Devices directory to go to the SSID or Radio page of device details. You can enable the synchronization profile again. |

Step 3: Enter the correct SN, name, login password, and MAC address of all devices in the File, Select the project you want to add and the profile you want to use, select whether to synchronize the configuration file immediately, and click Select File to upload the edited batch device files to add devices in batches.

Add Device

Single Add

Batch Add

\* Organization: K

\* Project:

\* Type: ☒ AP ☐ Switch

\* Profile:

\* Enable Profile: ☒ Enable ☐ Disable

\* File: 

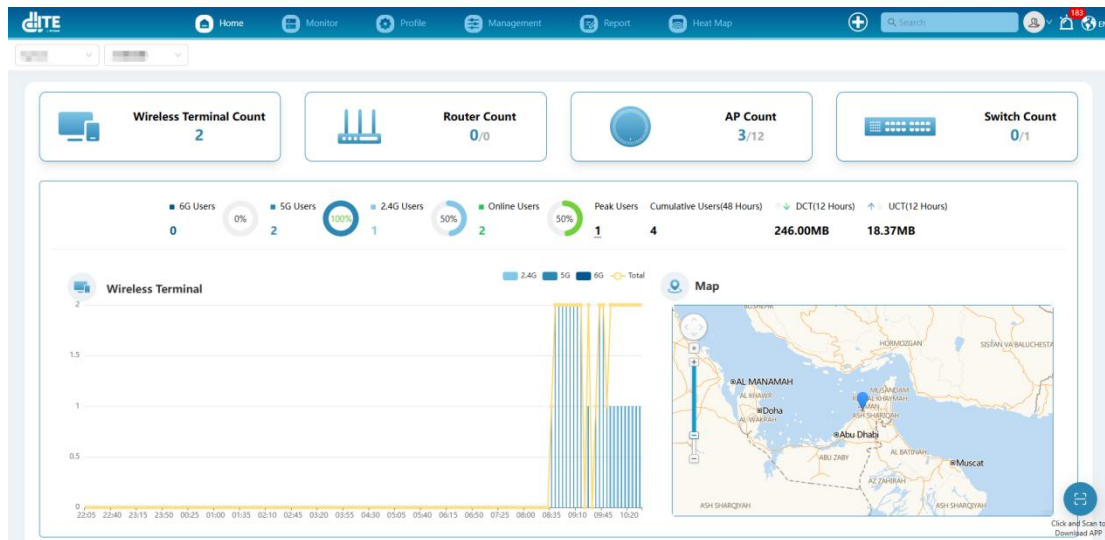
⬇ Select File

Download Template

Cancel

Confirm

## Chapter 2. Interface Overview

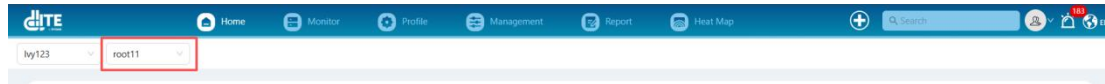


| Item                      | Description                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Global Toolbar</u>     | Provides access to organization and project selection menus, global search buttons, device and project shortcut add keys, and Alerts, user accounts, and language menus.               |
| <u>Management Toolbar</u> | Provides access to the various device management and information, report, and inventory sections.                                                                                      |
| Dashboard                 | The interactive dashboard to manage and configure through the CMS(cloud management system) . The options displayed in the dashboard depend on the currently active management section. |

## Global Toolbar

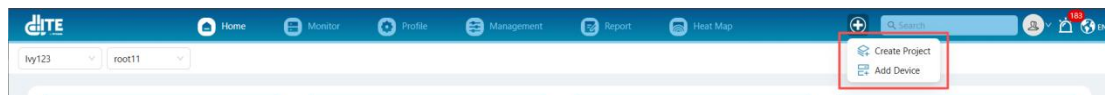
### 1. Project menu

The Project menu is used to select the project in the selected organization, and the selected project depends on the permissions of the account you are logging in with. Projects are a simple way to group devices within an organization, making it easier to configure multiple devices. For most configuration options, you must select the project you want to manage.



### 2. Device /project shortcut Add button

You can use this button to quickly add projects and devices.



### 3. Global search button

Enter the keywords of the content you want to search for, so that you can quickly search and locate.



### 4. Alarm

You can view high, medium, and low level alarms whose status is unsolved.



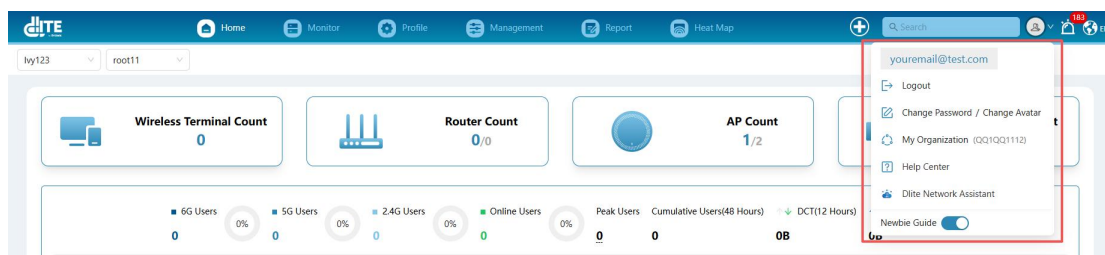
### 5. Language menus

You can switch between different system languages.



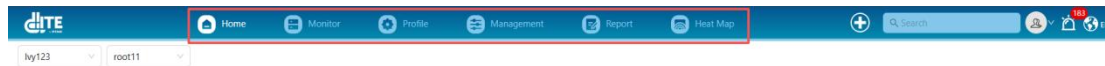
### 6. User account

The current account information is displayed. You can log out, change the account password, and view the organizational structure, Change avatar, view help centre, etc.



## Management Toolbar

From the Management toolbar, you can access the various management features of the CMS (cloud management system), including Profiles and device management, device and network reports, organization and account management, firmware upgrade and alert settings, and more.



| Item       | Description                                                                                                                                                                                                                                                                                                                                                                             |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Home       | Home gives you a real-time overview of the state of your network under your current project, including terminal information, device utilization, performance statistics, and more                                                                                                                                                                                                       |
| Monitor    | The Monitor section includes the device list and terminal. You can view and edit device details and view terminal details                                                                                                                                                                                                                                                               |
| Profile    | The profile section allows you to create and modify device profiles                                                                                                                                                                                                                                                                                                                     |
| Management | <p>The management section consists of four modules:</p> <p><b>Basic:</b> Manage projects, accounts, organizations, and groups</p> <p><b>Devices:</b> Manages devices and device upgrades</p> <p><b>Portal auth:</b> Manages portal authentication templates, authentication groups, certificate codes, and portal account Settings</p> <p><b>Others:</b> Set alarm information push</p> |
| Report     | The report section allows you to view alarm information, operation, and upgrade logs                                                                                                                                                                                                                                                                                                    |
| Heat Map   | The thermal map function allows you to upload a house map and deploy devices.                                                                                                                                                                                                                                                                                                           |

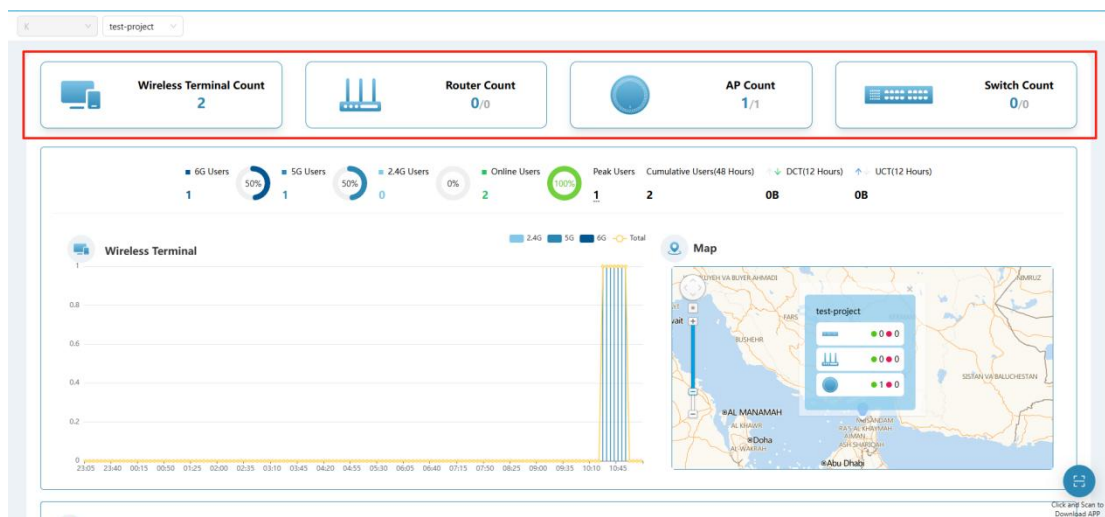
## Chapter 3. Introduction to the CMS(cloud management system) Page Functions

### 1. Home

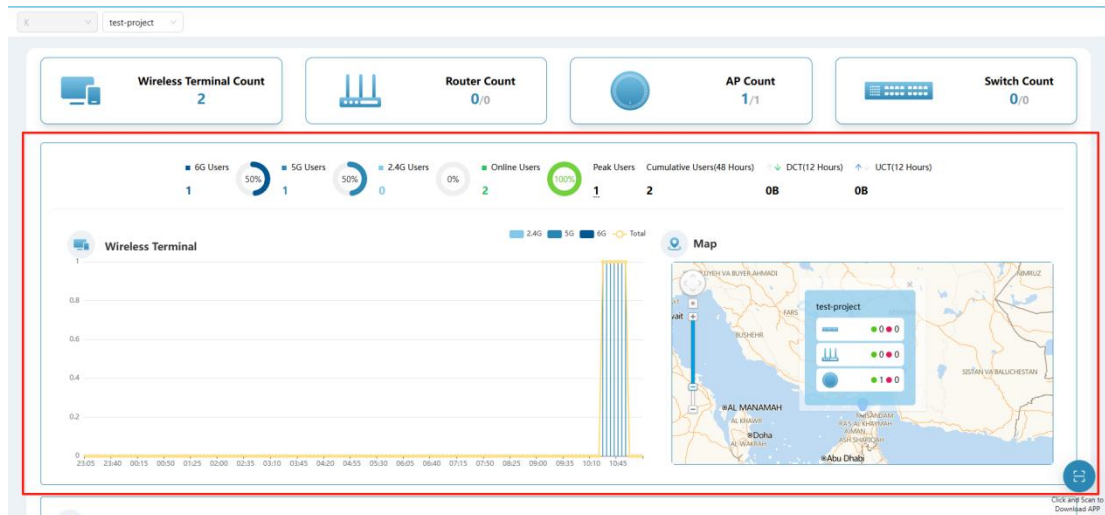
The home gives you a real-time overview of the state of your network under your current project, including terminal information, device utilization, performance statistics, and more.



The panel in the first line shows the number of different types of devices and terminals under the current project. Click the icon to jump to the details page.



Displays the real-time online terminals of the current project equipment, Peak Users records the terminals online for more than one hour, Cumulative users record the number of terminals visited in history., and displays the terminal usage traffic and project location.



The cpu and memory data of the device, as well as the terminal connection type and SSID, are counted to show the number of terminal connections in different frequency bands and types.



## 2. Monitor

### 2.1 AP Devices

Navigate to Monitor>AP>Devices, The device management page allows you to view device status, name, MAC, ip, channel, SN, profile, and more. Devices can be restarted and reset.

**Note:** Restarting and restoring the device will reconfigure all device settings. This may temporarily disconnect all currently connected clients. The device will be offline for a brief period of time.

| Status  | Name        | Online Duration | MAC          | Online Terminal | Public IP | Local IP      | 2.4GHz Channel | 5GHz Channel | 6GHz Channel | 2.4GHz Bandwidth | 5GHz Bandwidth | 6GHz Bandwidth | Model | Sync Status    | Profile Enable | SN                | Profile      | Project      | Firmware Version |
|---------|-------------|-----------------|--------------|-----------------|-----------|---------------|----------------|--------------|--------------|------------------|----------------|----------------|-------|----------------|----------------|-------------------|--------------|--------------|------------------|
| Online  | test-device | 5h28m57s        | a01cfc3d2ac1 | 1               |           | 172.168.0.202 | 11             | 60           | 1            | 20MHz            | 160MHz         | 160MHz         |       | Synced         | Enable         | DLABE965255100121 | test-profile | test-project | 1.01.33          |
| Offline | test        |                 | a2d1f53108cc | 0               |           | 172.168.0.23  |                |              |              |                  |                |                |       | Config Changed | Enable         | ly6666688888      | test-profile | test-project | 1.01.32          |

Total 2 items < 1 > 10 / page

#### 2.1.1 Device details

In the device details, you can view basic device information, modify device configuration files, view SSID and radio frequency information, use the ping function, and control LED lights, enabling remote login, etc.

Click the device name to enter the device details.

| Status  | Name        | Online Duration | MAC          | Online Terminal | Public IP | Local IP      | 2.4GHz Channel | 5GHz Channel | 6GHz Channel | 2.4GHz Bandwidth | 5GHz Bandwidth | 6GHz Bandwidth | Model | Sync Status    | Profile Enable | SN                | Profile      | Project      | Firmware Version |
|---------|-------------|-----------------|--------------|-----------------|-----------|---------------|----------------|--------------|--------------|------------------|----------------|----------------|-------|----------------|----------------|-------------------|--------------|--------------|------------------|
| Online  | test-device | 5h28m57s        | a01cfc3d2ac1 | 1               |           | 172.168.0.202 | 11             | 60           | 1            | 20MHz            | 160MHz         | 160MHz         |       | Synced         | Enable         | DLABE965255100121 | test-profile | test-project | 1.01.33          |
| Offline | test        |                 | a2d1f53108cc | 0               |           | 172.168.0.23  |                |              |              |                  |                |                |       | Config Changed | Enable         | ly6666688888      | test-profile | test-project | 1.01.32          |

Total 2 items < 1 > 10 / page

The screenshot displays the 'Monitor / AP / Devices / test-device' configuration page. It is divided into three main sections: Device Information, Project & Profile, and Network Settings.

- Device Information:**
  - Name: test-device
  - Status: Online
  - Model: [Redacted]
  - MAC: a01cf3d2ac1
  - SN: DLABE965255100121
  - Online Terminal: 1
  - 2.4GHz Channel: 11
  - 5GHz Channel: 60
  - 6GHz Channel: 1
  - 2.4GHz Bandwidth: 20MHz
  - 5GHz Bandwidth: 160MHz
  - 6GHz Bandwidth: 160MHz
- Project & Profile:**
  - Sync Status: Synced
  - Firmware Status: Latest version already
  - Firmware Version: 1.01.33
  - Project: test-project
  - Profile: test-profile
  - Time Zone: CST-8/Asia/Shanghai
- Network Settings:**
  - Type: ☐ DHCP ☒ Static IP
  - Local IP: 172.168.0.202
  - Subnet Mask: 255.255.255.0
  - Gateway: 172.168.0.1
  - DNS: 119.6.6.6
  - Public IP: [Redacted]
  - IPv6: Disable

### 2.1.1.1 Basic

This screenshot is identical to the one above, showing the 'Monitor / AP / Devices / test-device' configuration page with the same settings in the Device Information, Project & Profile, and Network Settings sections.

The "Device Information" section allows you to view and modify the device name, view device type, MAC address, Channel, and SN, etc.

The "Project & Profile" section allows you to view the synchronization status of configuration files, firmware versions, and time zones. By clicking on "Firmware status," you can access the firmware upgrade portal, where you can modify the device's project and configuration files. After making changes, click "Save" for the changes to take effect immediately.

**Note:** Changing the profile will re-configure all device settings. This may disconnect all currently connected clients.

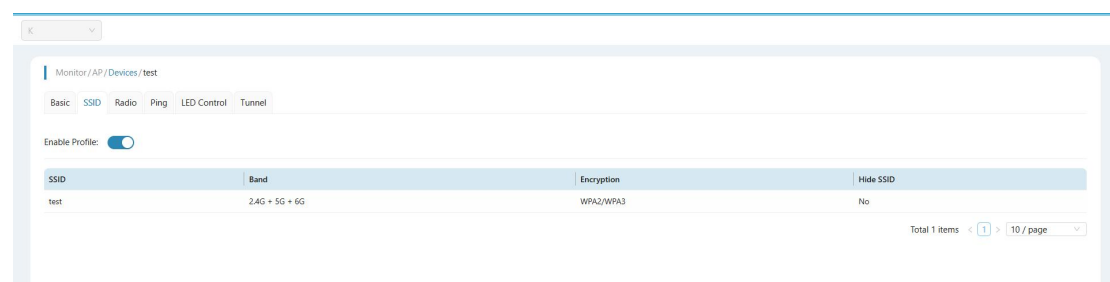
The "Network Settings" section allows you to view device IP address, gateway, DNS information, and modify the device's internet access method to static or DHCP .

|             |                                    |
|-------------|------------------------------------|
| Local IP    | Enter a valid IP address.          |
| Subnet mask | Enter a subnet mask                |
| Gateway     | Enter a default gateway address    |
| DNS         | Enter a DNS server address         |
| Public IP   | The public IP address is displayed |
| IPv6        | Display ipv6 status                |

### 2.1.1.2 SSID Page

The SSID page allows you to view the current device's SSID information and choose whether to synchronize the configuration file settings.

**Note:** When the "Enable profile" button is turned off, neither modifying nor sending the configuration file will synchronize with the device.



### 2.1.1.3 Radio

The SSID page allows you to view the current device's SSID information and choose whether to synchronize the configuration file settings.

**Note:** When the "Enable profile" button is turned off, neither sending nor modifying the configuration file will synchronize with the device.

Monitor / AP / Devices / test-device

Basic SSID **Radio** Ping LED Control Tunnel

Enable Profile: ☒

\* Country Code  
THE UNITED ARAB EMIRATES

\* MLO/MLO is only supported when BE is supported in wireless mode  
☒ Enable ☐ Disable

**2.4G Radio**

Scan Channel Now

Auto Channel Scan ☒

☒

\* Interval  Hours

\* Bandwidth 20MHz

\* Channel Auto

\* Wireless Mode

**5G Radio**

Scan Channel Now

Auto Channel Scan ☒

☒

\* Interval  Hours

\* Bandwidth 160MHz

\* Channel Auto

\* Wireless Mode

**6G Radio**

Scan Channel Now

Auto Channel Scan ☒

☒

\* Interval  Hours

\* Bandwidth 160MHz

\* Channel Auto

\* Wireless Mode

You can click on "Scan channel now" to scan 2.4G, 5G channels immediately and switch to the channel with the best signal.

Monitor / AP / Devices / test-device

Basic SSID **Radio** Ping LED Control Tunnel

Enable Profile: ☒

\* Country Code  
THE UNITED ARAB EMIRATES

\* MLO/MLO is only supported when BE is supported in wireless mode  
☒ Enable ☐ Disable

**2.4G Radio**

Scan Channel Now

Auto Channel Scan ☒

☒

\* Interval  Hours

\* Bandwidth 20MHz

\* Channel Auto

\* Wireless Mode

**5G Radio**

Scan Channel Now

Auto Channel Scan ☒

☒

\* Interval  Hours

\* Bandwidth 160MHz

\* Channel Auto

\* Wireless Mode

**6G Radio**

Scan Channel Now

Auto Channel Scan ☒

☒

\* Interval  Hours

\* Bandwidth 160MHz

\* Channel Auto

\* Wireless Mode

#### 2.1.1.4 Ping

The ping function page allows for network diagnostics to check if the device is properly connected to the internet and cloud server.

Monitor / AP / Devices / test-device

Basic SSID Radio **Ping** LED Control Tunnel

\* IP & Host:

\* Ping count:

Detection Stop

```

PING 56 data bytes
64 bytes from seq=0 ttl=55 time=5.174 ms
64 bytes from seq=1 ttl=55 time=3.841 ms
64 bytes from seq=2 ttl=55 time=4.986 ms
64 bytes from seq=3 ttl=55 time=4.856 ms
64 bytes from seq=4 ttl=55 time=4.623 ms

--- ping statistics ---
5 packets transmitted, 5 packets received, 0% packet loss
round-trip min/avg/max = 3.841/4.696/5.174 ms
  
```

### 2.1.1.5 LED control

This page allows you to control whether the device's LED lights are turned on.

Monitor / AP / Devices / test

Basic SSID Radio Ping **LED Control** Tunnel

Enable the LED light? ☒

### 2.1.1.6 Tunnel

You can configure ssh remote login, use the ip address and port number, enter the correct user name and password, and remotely connect to the device. Users can run commands, manage files, and transfer files on the remote computer.

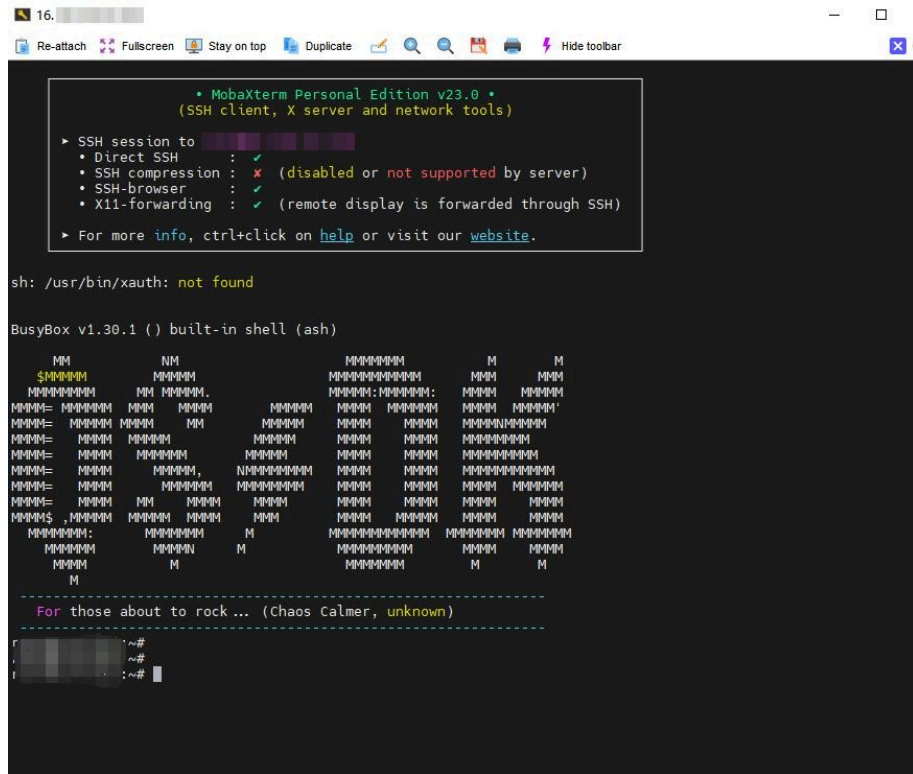
Monitor / AP / Devices / test

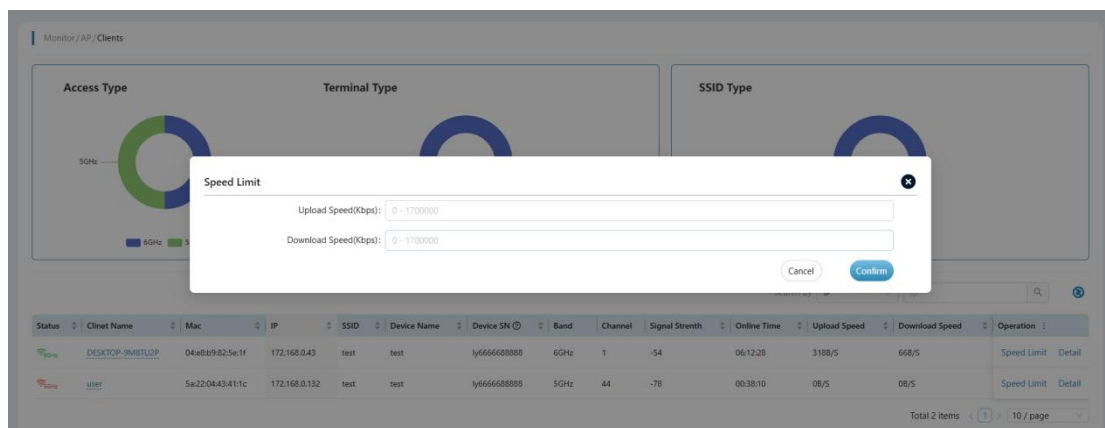
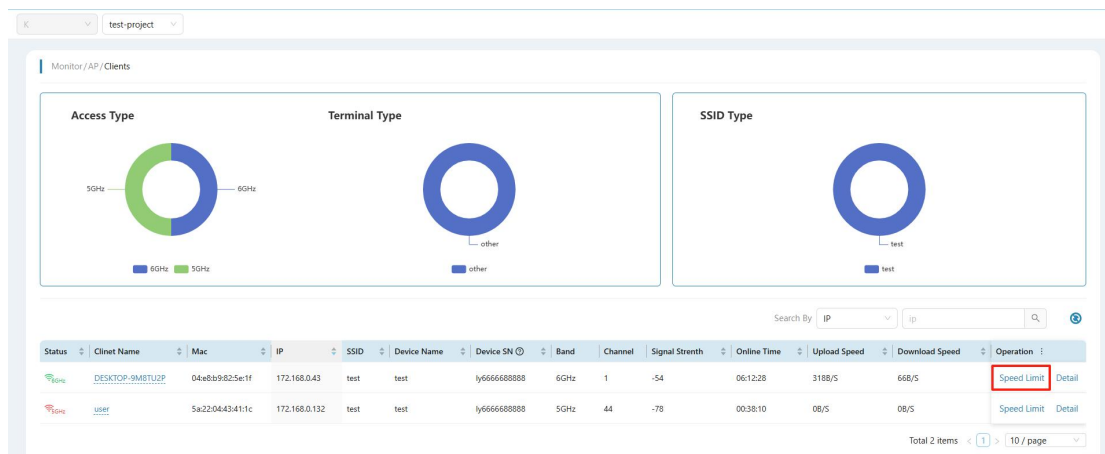
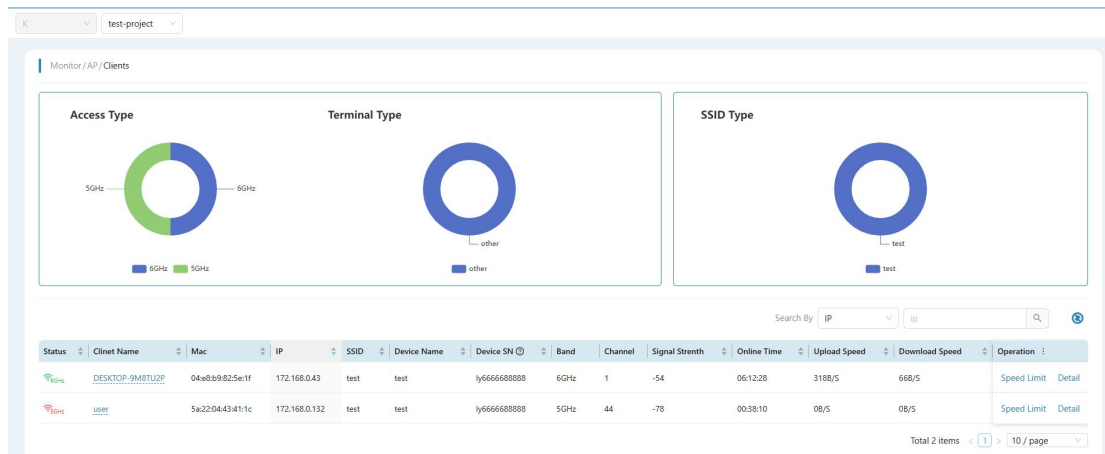
Basic SSID Radio Ping LED Control **Tunnel**

Create Tunnel

| Tunnel Type | Host | Port | Expire At           | Status | Operation |
|-------------|------|------|---------------------|--------|-----------|
| SSH         |      |      | 2025-09-09 11:42:58 | Enable | Close     |

Total 1 items < 1 > 10 / page

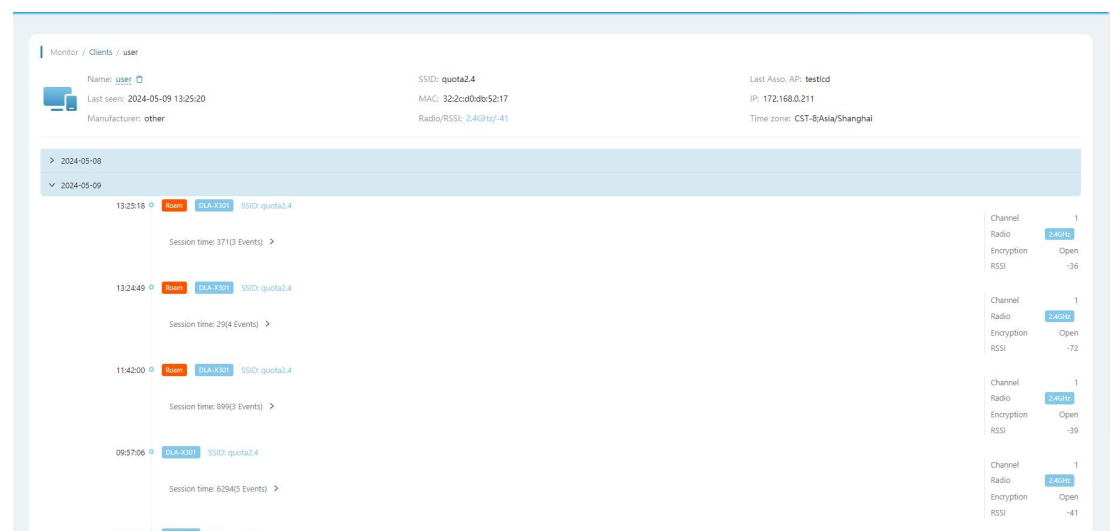
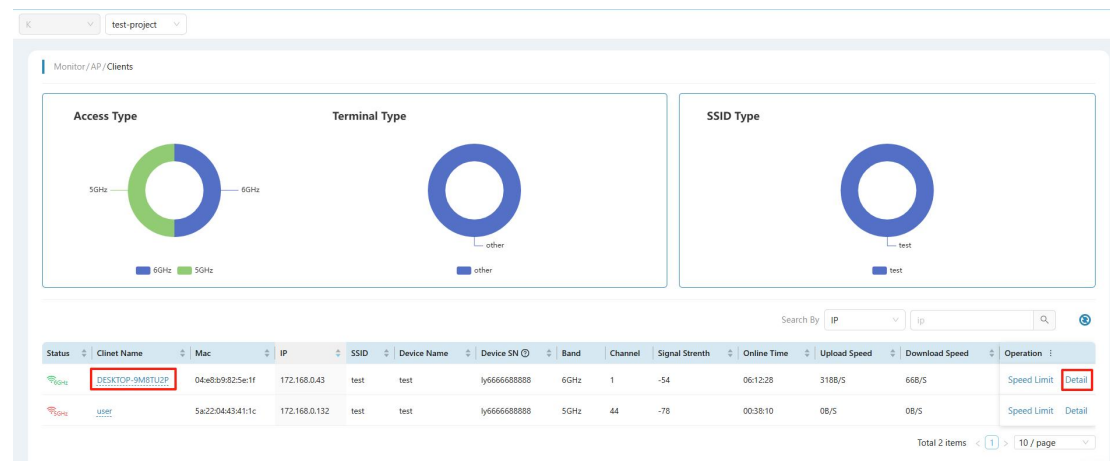




## 2.2.1 Terminal Details

Click the terminal name or detail in the operation column to view the terminal details. Terminal Details displays basic information about the connected terminal and the

communication events between the terminal and the device in the last two days.



## 2.3 Switch Devices

Navigate to Monitor>Switch>Devices, The device management page allows you to view device status, name, MAC, ip,, SN, profile, and more. Devices can be restarted and reset.

**Note:** Restarting and restoring the device will reconfigure all device settings. This may temporarily disconnect all currently connected clients. The device will be offline for a brief period of time.

Monitor / Switch / Devices

Search By

SN

in

Q

Reboot

Restore Factory Settings

| <input type="checkbox"/> | Status | Name | Online Duration | MAC         | Alive Port/Port Number | Local IP      | Model | Sync Status | Profile Enable | SN           | Profile | Project | Firmware Version |
|--------------------------|--------|------|-----------------|-------------|------------------------|---------------|-------|-------------|----------------|--------------|---------|---------|------------------|
| <input type="checkbox"/> | Online | LVV  | 3h45m9s         | a097a4f30e9 | 1/26                   | 192.168.1.182 |       | Synced      | Disable        | 20250718down | LVV     | aaa     | V1.0.3-beta1     |

Total 1 items < 1 > 10 / page

## 2.3.1 Device details

In the device details, you can view basic device information, modify device configuration files, use the ping function, and enabling remote login, etc.

Click the device name to enter the device details.

Monitor / Switch / Devices

Search By SN in Q Reboot Restore Factory Settings

|                          | Status | Name | Online Duration | MAC         | Alive Port/Port Number | Local IP      | Model | Sync Status | Profile Enable | SN           | Profile | Project | Firmware Version |
|--------------------------|--------|------|-----------------|-------------|------------------------|---------------|-------|-------------|----------------|--------------|---------|---------|------------------|
| <input type="checkbox"/> | Online | LVV  | 3h50m46s        | a097a4f30e9 | 1/26                   | 192.168.1.182 |       | Synced      | Disable        | 20250718down | LVV     | aaa     | V1.0.3-beta1     |

Total 1 items < 1 > 10 / page

Monitor / Switch / Devices / LVV

Basic Ping Tunnel

Device Information

Name: LVV

Status: Online

Model:

MAC: a097a4f30e9

SN: 20250718down

IP Address: 192.168.1.182

Mask: 255.255.255.0

Gateway: 192.168.1.1

Project & Profile

Enable Profile: ☐

Sync Status: Synced

Firmware Status: Latest version already

Firmware Version: V1.0.3-beta1

Project: aaa

Profile: LVV

Changing the profile will re-configure all device settings. This may disconnect all currently connected clients

Time Zone: CST-8/Asia/Shanghai

Save

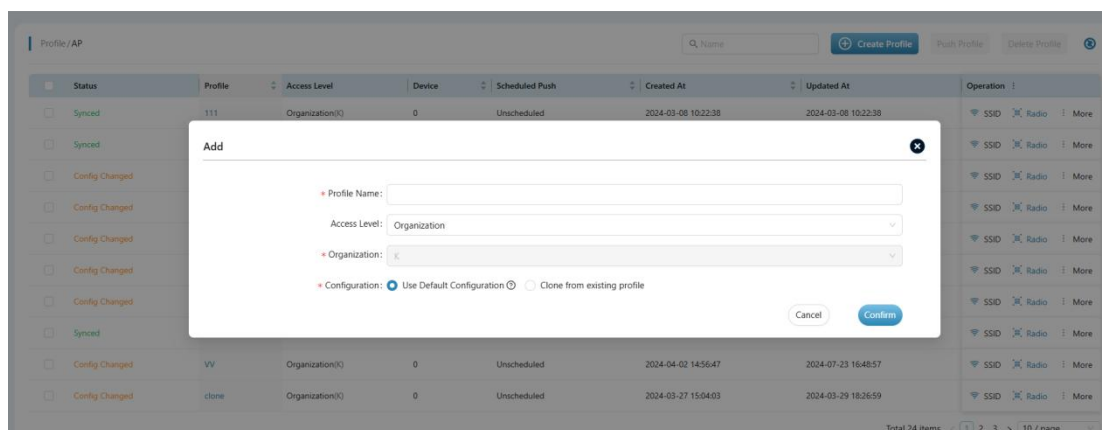
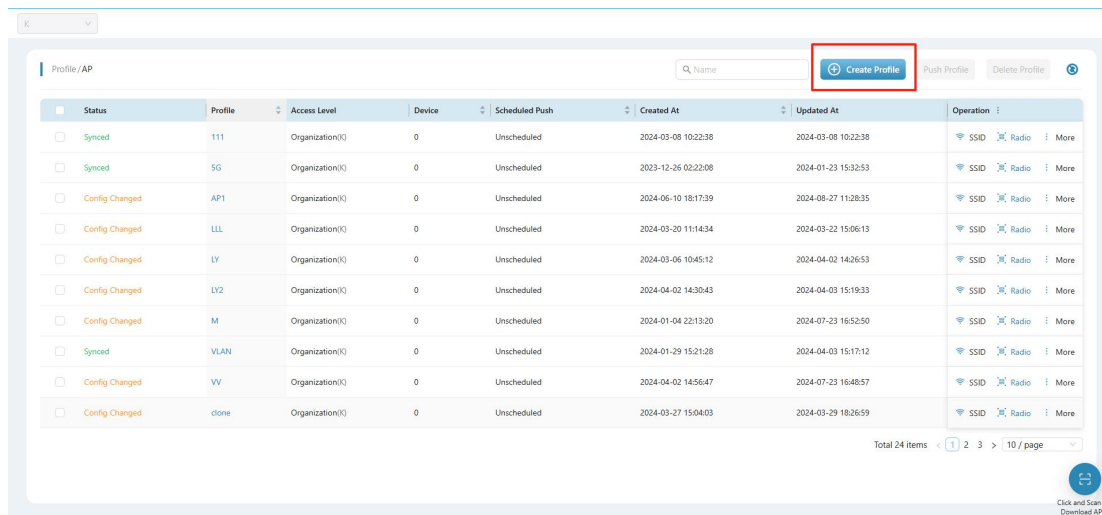
## 3. Profile

Profile is used to configure the wifi parameters of the device. The configuration page allows you to create, delete, and deploy configuration profiles. The configuration profile toolbar can be used to modify SSID, radio frequency, and other configuration parameters.

## 3.1 AP

### 3.1.1 Create profile

Navigate to Profile>AP, Click on "Create profile".



Fill out the required information.

|              |                                                                                                                                                                                                                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Profile name | Enter a name for the profile                                                                                                                                                                                                                                  |
| Access level | <p>Allows you to select a permission level as organization, group, or project when creating a profile. The options have the following permissions:</p> <p><b>Organization:</b> All devices managed under the organization can use the configuration file.</p> |

|               |                                                                                                                                                                                                                                                                  |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | <p><b>Group:</b> This configuration file can only be used by devices managed under the project of the current group and subgroup.</p> <p><b>Project:</b> This profile can only be used by devices managed under the current project</p>                          |
| Organization  | The organization where your current account is located                                                                                                                                                                                                           |
| Configuration | <p><b>Use default configuration :</b> This profile will use default configuration. You may modify configurations after it is created.</p> <p><b>Clone from existing profile:</b> Select to copy the configuration of the already created configuration file.</p> |

### 3.1.2 Push profile

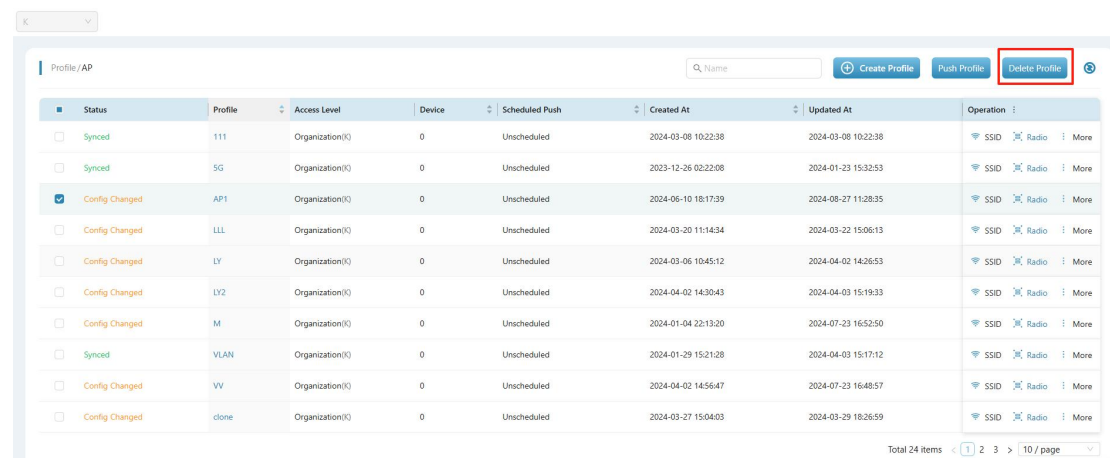
Click "Push profile" to deliver the profile. You can deliver the profile immediately or select the time zone and time.

The screenshot displays the 'Push Profile' dialog box in the D-Lite Cloud interface. The dialog has a title bar with a yellow warning icon and the text 'Push Profile'. It contains two radio buttons for 'Push time': 'At time' (selected) and 'Now'. Below these are input fields for 'Date' (set to 2025-09-09) and 'Time' (set to 15:00). A 'Time Zone' dropdown menu is also present. At the bottom of the dialog are 'Cancel' and 'OK' buttons. The background shows a table of profiles with columns: Status, Profile, Access Level, Device, Scheduled Push, Created At, Updated At, and Operation. The table lists several profiles, including '111', '5G', 'AP1', 'LLL', 'LY', 'LY2', 'M', 'VLAN', 'VV', and 'clone'. The 'AP1' profile is highlighted with a blue row. The 'Operation' column for each profile shows icons for SSID, Radio, and More.

**Note:** Push profile will re-configure all device Settings. This may disconnect all currently connected clients.

### 3.1.3 Delete profile

You can select a profile and click Delete profile to delete the profile.



| Status                                             | Profile | Access Level    | Device | Scheduled Push | Created At          | Updated At          | Operation              |
|----------------------------------------------------|---------|-----------------|--------|----------------|---------------------|---------------------|------------------------|
| <input type="checkbox"/> Synced                    | 111     | Organization(K) | 0      | Unscheduled    | 2024-03-08 10:22:38 | 2024-03-08 10:22:38 | WiFi SSID, Radio, More |
| <input type="checkbox"/> Synced                    | 5G      | Organization(K) | 0      | Unscheduled    | 2023-12-26 02:22:08 | 2024-01-23 15:32:53 | WiFi SSID, Radio, More |
| <input checked="" type="checkbox"/> Config Changed | AP1     | Organization(K) | 0      | Unscheduled    | 2024-06-10 18:17:39 | 2024-08-27 11:28:35 | WiFi SSID, Radio, More |
| <input type="checkbox"/> Config Changed            | LLL     | Organization(K) | 0      | Unscheduled    | 2024-03-20 11:14:34 | 2024-03-22 15:06:13 | WiFi SSID, Radio, More |
| <input type="checkbox"/> Config Changed            | LY      | Organization(K) | 0      | Unscheduled    | 2024-03-06 10:45:12 | 2024-04-02 14:26:53 | WiFi SSID, Radio, More |
| <input type="checkbox"/> Config Changed            | LY2     | Organization(K) | 0      | Unscheduled    | 2024-04-02 14:30:43 | 2024-04-03 15:19:33 | WiFi SSID, Radio, More |
| <input type="checkbox"/> Config Changed            | M       | Organization(K) | 0      | Unscheduled    | 2024-01-04 22:13:20 | 2024-07-23 16:52:50 | WiFi SSID, Radio, More |
| <input type="checkbox"/> Synced                    | VLAN    | Organization(K) | 0      | Unscheduled    | 2024-01-29 15:21:28 | 2024-04-03 15:17:12 | WiFi SSID, Radio, More |
| <input type="checkbox"/> Config Changed            | VV      | Organization(K) | 0      | Unscheduled    | 2024-04-02 14:56:47 | 2024-07-23 16:48:57 | WiFi SSID, Radio, More |
| <input type="checkbox"/> Config Changed            | clone   | Organization(K) | 0      | Unscheduled    | 2024-03-27 15:04:03 | 2024-03-29 18:26:59 | WiFi SSID, Radio, More |

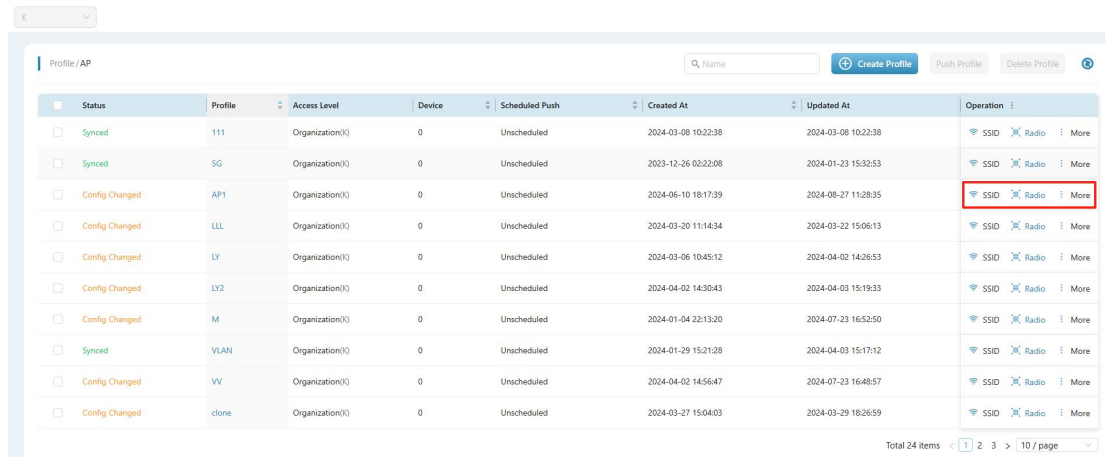
Total 24 items < 1 2 3 > 10 / page

**Note:** The profile that has been bound to a device cannot be deleted.

### 3.1.4 Modifying Profile

**File Parameters** The configuration file toolbar allows you to click and modify SSID, radio frequency, and other configuration parameters.

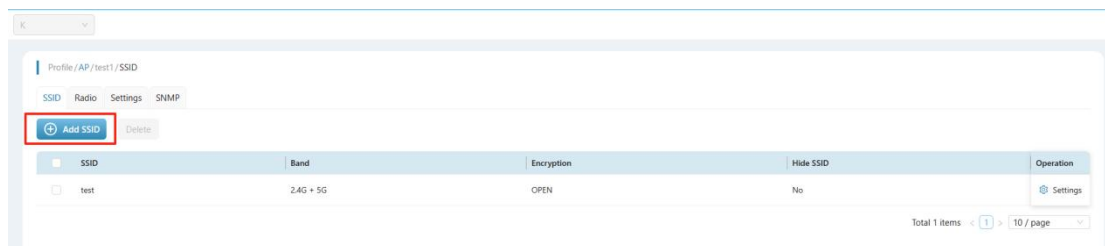
**Note:** After each modification of the profile, you need to click "Push profile" for the modified profile to synchronize with the device.



| Status         | Profile | Access Level    | Device | Scheduled Push | Created At          | Updated At          | Operation       |
|----------------|---------|-----------------|--------|----------------|---------------------|---------------------|-----------------|
| Synced         | 111     | Organization(X) | 0      | Unscheduled    | 2024-03-08 10:22:38 | 2024-03-08 10:22:38 | SSID Radio More |
| Synced         | SG      | Organization(X) | 0      | Unscheduled    | 2023-12-26 02:22:08 | 2024-01-23 15:32:53 | SSID Radio More |
| Config Changed | AP1     | Organization(X) | 0      | Unscheduled    | 2024-06-10 18:17:39 | 2024-08-27 11:28:35 | SSID Radio More |
| Config Changed | LLL     | Organization(X) | 0      | Unscheduled    | 2024-03-20 11:14:34 | 2024-03-22 15:06:13 | SSID Radio More |
| Config Changed | LY      | Organization(X) | 0      | Unscheduled    | 2024-03-06 10:45:12 | 2024-04-02 14:26:53 | SSID Radio More |
| Config Changed | LY2     | Organization(X) | 0      | Unscheduled    | 2024-04-02 14:30:43 | 2024-04-03 15:19:33 | SSID Radio More |
| Config Changed | M       | Organization(X) | 0      | Unscheduled    | 2024-01-04 22:13:20 | 2024-07-23 16:52:50 | SSID Radio More |
| Synced         | VLAN    | Organization(X) | 0      | Unscheduled    | 2024-01-29 15:21:28 | 2024-04-03 15:17:12 | SSID Radio More |
| Config Changed | VV      | Organization(X) | 0      | Unscheduled    | 2024-04-02 14:56:47 | 2024-07-23 16:48:57 | SSID Radio More |
| Config Changed | clone   | Organization(X) | 0      | Unscheduled    | 2024-03-27 15:04:03 | 2024-03-29 18:26:59 | SSID Radio More |

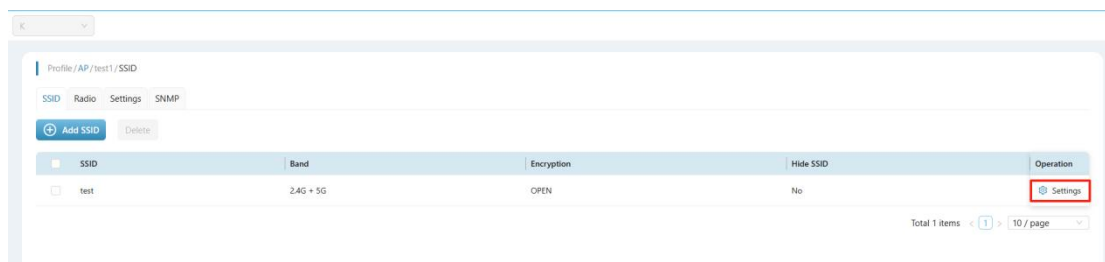
### 3.1.4.1 SSID

Clicking on the SSID in the toolbar takes you to the SSID configuration page. You can create up to 8 SSIDs.



| SSID | Band      | Encryption | Hide SSID | Operation |
|------|-----------|------------|-----------|-----------|
| test | 2.4G + 5G | OPEN       | No        | Settings  |

Click settings in the operation bar to configure the details.



| SSID | Band      | Encryption | Hide SSID | Operation |
|------|-----------|------------|-----------|-----------|
| test | 2.4G + 5G | OPEN       | No        | Settings  |

#### 3.1.4.1.1 Basic

Click on the "Settings" > "Basic" operation bar, you can modify specific configuration parameters such as WiFi name, frequency band, encryption method, VLAN, hidden SSID, 5G priority, user isolation, speed mode, WiFi speed limit, etc.

Profile / AP / test1 / SSID

SSID Radio Settings SNMP

Basic Captive Portal Access Control Scheduled Availability

WiFi Settings

\* SSID:

Band:

Encryption Method: ☐ Encryption ☒ No Encryption ☐ 802.1x (Enterprise)

Advanced

VLAN:

Hide SSID: ☐ (Hidden from others, and can only be added manually)

5G Priority ☐ Enable

User Isolate ☐ Enable

Traffic Acceleration ☒ Enable

Wi-Fi Speed Limit ☐ Enable

Back Save

### Parameter interpretation:

|                      |                                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SSID                 | Enter a name for the WiFi                                                                                                                                  |
| Band                 | Select the WIFI frequency band                                                                                                                             |
| Encryption method    | Select an encryption method. Encryption mode refers to the encryption algorithm or protocol used to protect the wireless network security.                 |
| VLAN                 | [Optional] Check to enable VLAN functionality. This segments traffic on the SSID.                                                                          |
| Hide SSID            | Select to hide the WIFI signal                                                                                                                             |
| 5G priority          | Allow devices to preferentially connect using 5G networks among available networks.                                                                        |
| User isolate         | With this function, different users or devices can be isolated on the same LAN so that they cannot access or communicate with each other.                  |
| Traffic Acceleration | In racing mode, the router automatically adjusts the channel, frequency band and other parameters to ensure optimal performance of the network connection. |
| Wi-Fi Speed limit    | Limit the speed at which users can use bandwidth on a wireless network                                                                                     |

### 3.1.4.1.2 Captive portal

By clicking on the Settings > Captive portal page, you can set whether to enable portal authentication, select the portal authentication template, and choose the authentication group. When the terminal is connected to Wi-Fi, the corresponding authentication page will be displayed. After successful authentication, you can access the Internet normally.

Select the Portal Mode as 'Cloud Auth', Portal template refer to [4.3.1 Portal template](#), Authentication group refer to [4.3.2 Authentication group](#).

The screenshot shows the 'Captive Portal' configuration page. At the top, there's a breadcrumb 'Profile / AP / test1 / SSID' and tabs for 'SSID', 'Radio', 'Settings', and 'SNMP'. Below these are sub-tabs: 'Basic', 'Captive Portal' (selected), 'Access Control', and 'Scheduled Availability'. The 'Enable' toggle is turned on. Under '\* Portal Mode', 'Cloud Auth' is selected with a radio button, and 'External' is unselected. Below that, '\* Portal Template' and '\* Authentication Group' are dropdown menus, both currently empty. At the bottom right are 'Back' and 'Save' buttons.

Select the Portal Mode as 'External', WiFiDog Services refer to [4.3.5 WiFiDog Services](#).

This screenshot shows the same 'Captive Portal' configuration page, but with 'External' selected for the '\* Portal Mode' radio button. The '\* WiFiDog Services' dropdown menu is now visible and empty. The 'Enable' toggle remains on. The 'Back' and 'Save' buttons are still present at the bottom right.

### 3.1.4.1.3 Access control

Clicking on "Settings" > "Access control" allows you to set permissions to allow or deny specific MAC and IP addresses to connect to the terminal.

Profile / AP / test1 / SSID

SSID Radio Settings SNMP

Basic Captive Portal Access Control Scheduled Availability

MAC Filter

\* MAC Filter: ☒ Enable ☐ Disable

\* MAC ACL Policy: ☐ Allow ☒ Deny

MAC:

+ Add MAC

IP Filter

\* IP Filter: ☒ Enable ☐ Disable

\* IP ACL Policy: ☐ Allow ☒ Deny

\* IP:  -

+ Add IP ACL

Back Save

### 3.1.4.1.4 Scheduled availability

Clicking on "Settings" > "Scheduled availability" allows you to set the time periods when WiFi is enabled, and WiFi will be turned off outside of these periods.

Profile / AP / test1 / SSID

SSID Radio Settings SNMP

Basic Captive Portal Access Control Scheduled Availability

Enable: ☒

Back Save

| Time      | Enable                              | From                               | To                                 |
|-----------|-------------------------------------|------------------------------------|------------------------------------|
| Monday    | <input checked="" type="checkbox"/> | <input type="text" value="00:00"/> | <input type="text" value="23:59"/> |
| Tuesday   | <input checked="" type="checkbox"/> | <input type="text" value="00:00"/> | <input type="text" value="23:59"/> |
| Wednesday | <input checked="" type="checkbox"/> | <input type="text" value="00:00"/> | <input type="text" value="23:59"/> |
| Thursday  | <input checked="" type="checkbox"/> | <input type="text" value="00:00"/> | <input type="text" value="23:59"/> |
| Friday    | <input checked="" type="checkbox"/> | <input type="text" value="00:00"/> | <input type="text" value="23:59"/> |
| Saturday  | <input checked="" type="checkbox"/> | <input type="text" value="00:00"/> | <input type="text" value="23:59"/> |
| Sunday    | <input checked="" type="checkbox"/> | <input type="text" value="00:00"/> | <input type="text" value="23:59"/> |

### 3.1.4.2 Radio

Clicking on "Radio" in the toolbar takes you to the radio frequency configuration page. You can set the country code, bandwidth, channel, maximum number of users, and power parameters, etc.

|                   |                                                                                                                                                                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Country code      | Select a country code to specify the wireless spectrum regulations that wireless network devices need to comply with when operating in a particular country or region                                                                                                                                               |
| MLO               | MLO refers to Multi-Link Operation, a core revolutionary technology in the Wi-Fi 7 (802.11be) standard. It allows devices to communicate simultaneously through multiple different frequency bands (such as 2.4GHz, 5GHz, 6GHz) or channels, greatly enhancing speed, reducing latency, and increasing reliability. |
| Auto channel scan | Automatic channel scanning will trigger WiFi scanning and select the optimal channel, which may cause WiFi clients to disconnect.                                                                                                                                                                                   |
| Interval          | Channel scan time interval                                                                                                                                                                                                                                                                                          |
| Bandwidth         | Select the channel transmission bandwidth for the 2.4 and 5 GHz wireless frequencies from the drop-down menu.                                                                                                                                                                                                       |
| Channel           | select a wireless channel from the drop-down menu                                                                                                                                                                                                                                                                   |
| Wireless mode     | Select Wireless mode from the drop-down menu. Only devices that support the wireless standard can                                                                                                                                                                                                                   |

|                      |                                                                                                                                                                                                                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | connect to this wireless band.                                                                                                                                                                                                                                                              |
| Max clients          | Please enter an integer in the range of 1-512. If the maximum number of users supported by the device is less than the value set here, the maximum number of users supported by the device shall prevail.                                                                                   |
| Power                | Select the maximum transmission power for the 2.4 GHz and 5GHz wireless bands                                                                                                                                                                                                               |
| Beacon interval      | Enter a beacon interval value (in milliseconds) between 100 and 3500. This determines the millisecond delay between each beacon message that the AP broadcasts.                                                                                                                             |
| DTIM interval        | Enter a DTIM interval value between 1 and 255. This determines the delay between each Delivery Traffic Indication Map (DTIM). The value represents the number of beacons sent before a DTIM is sent.                                                                                        |
| RTS threshold        | Enter the packet size threshold to determine when the device will issue a RTS before sending the packet.                                                                                                                                                                                    |
| U-APSD               | Choose to enable or disable Unscheduled Automatic Power Save Delivery (UAPSD). This feature allows connected clients to save power.                                                                                                                                                         |
| Short GI             | Choose to enable or disable Short Guard Interval. This reduces signal loss from the multipath effect where multiple signals reach the receiving antenna at different times.                                                                                                                 |
| Multicast to unicast | Select Enable or disable multicast to unicast. Multicast to unicast refers to the process of converting multicast packets into unicast packets. Multicast packets are generally sent to multiple target devices at the same time, while unicast packets are sent to only one target device. |
| Multicast rate(Mbps) | "Multicast rate (Mbps)" refers to the speed or rate of data transmission in multicast mode, measured in megabits per second (Mbps). It indicates the bandwidth or speed at which multicast packets are transmitted                                                                          |

|               |                                                                                                                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Force Roaming | <p>over the network.</p> <p>Mandatory roaming optimises network traffic and reduces costs by automatically switching your phone from the current network to its designated Wi-Fi network.</p> |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 3.1.4.3 Settings

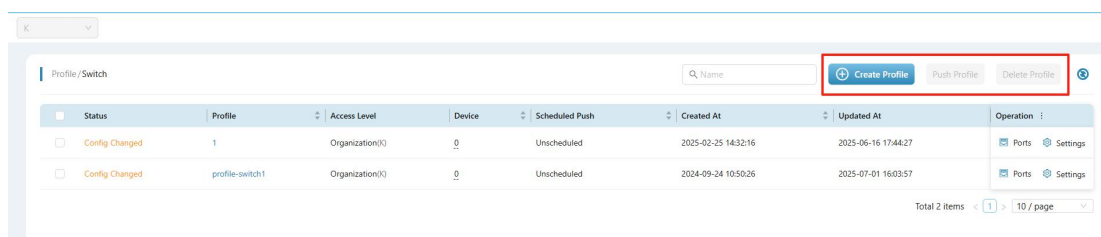
Clicking on "Settings" in the toolbar allows you to configure IPv6, Roaming Track, Vlan Enable, LED schedules.

### 3.1.4.4 SNMP

By using SNMP (Simple Network Management Protocol) service, you can manage the configuration and status of devices, thereby better managing your network.

## 3.2 Switch

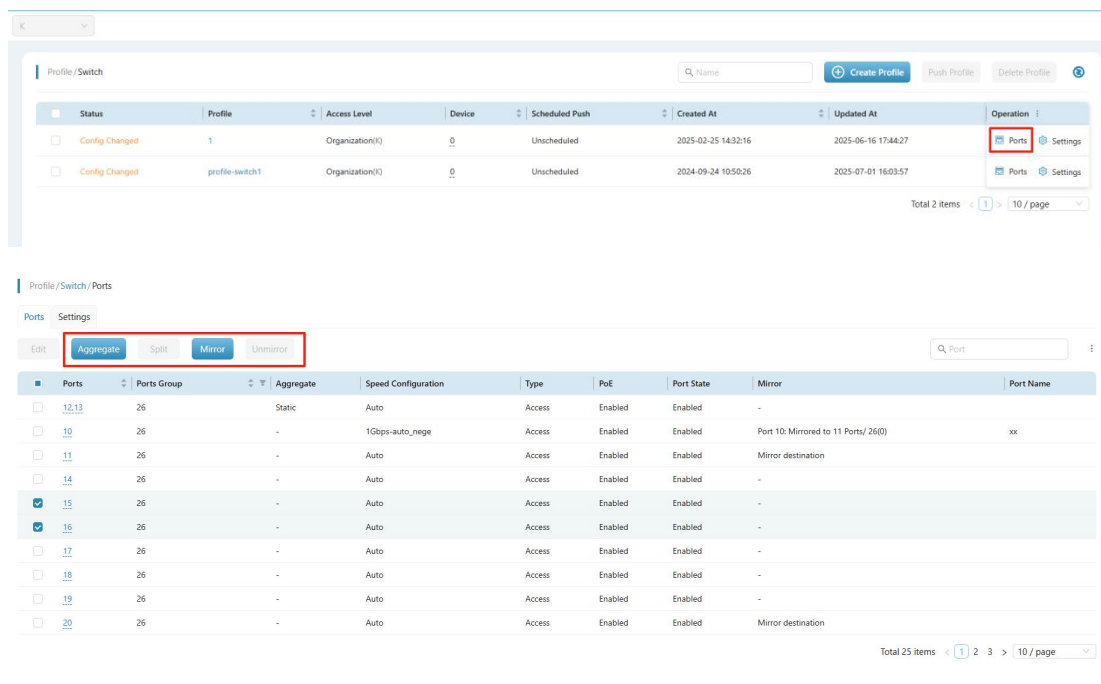
You can create and delete Profiles related to the switch and push them to the device.

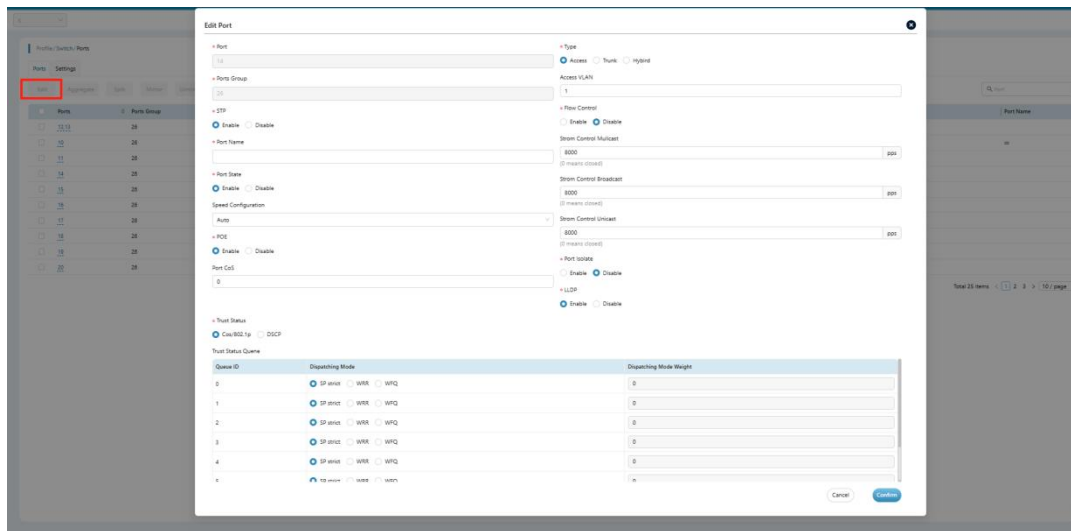


**Note:** The profile that has been bound to a device cannot be deleted.

### 3.2.1 Ports

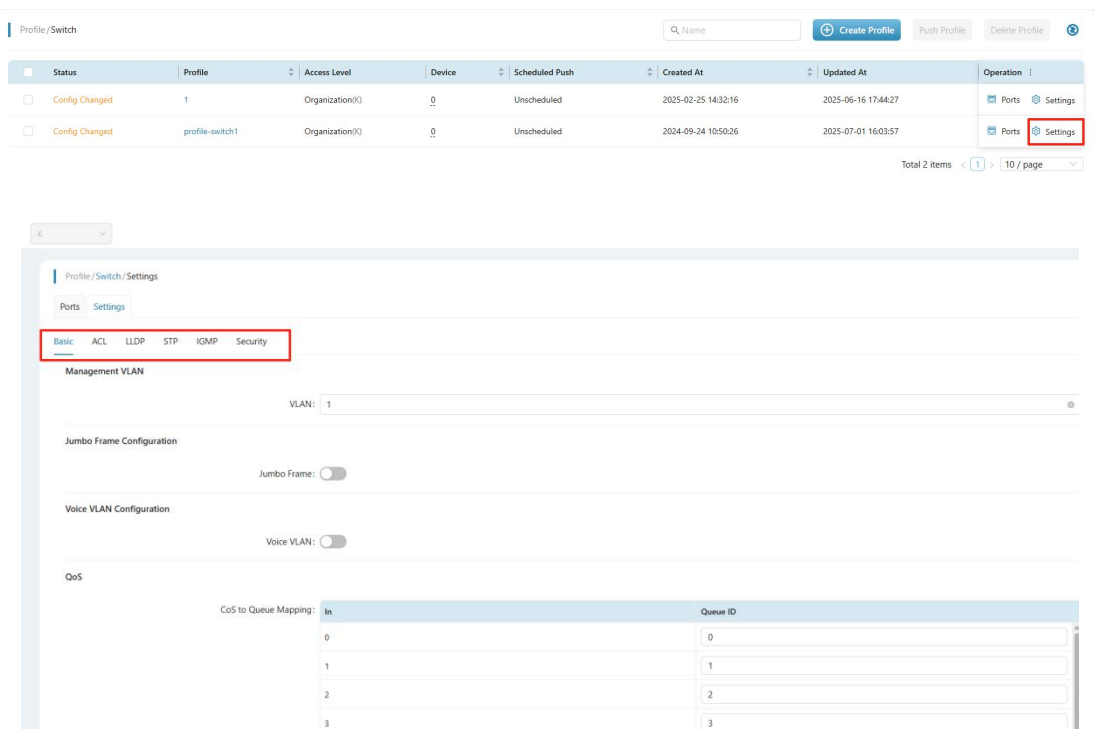
Click on the 'Ports' in the operation bar, you can perform operations related to editing ports, such as port aggregation, mirroring, and other operations.





### 3.2.2 Settings

Click on the 'Settings' in the operation bar, where you can manage VLAN configuration, jumbo frames, voice VLAN, QoS, ACL, LLDP, STP, IGMP, security configurations and other operations.



## 4. Management

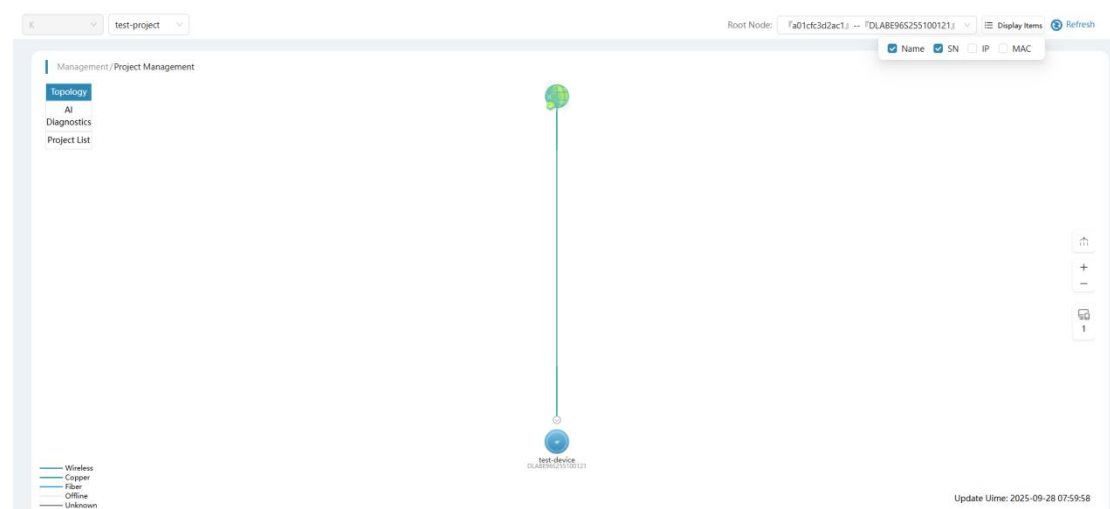
### 4.1 Basic

#### 4.1.1 Project management

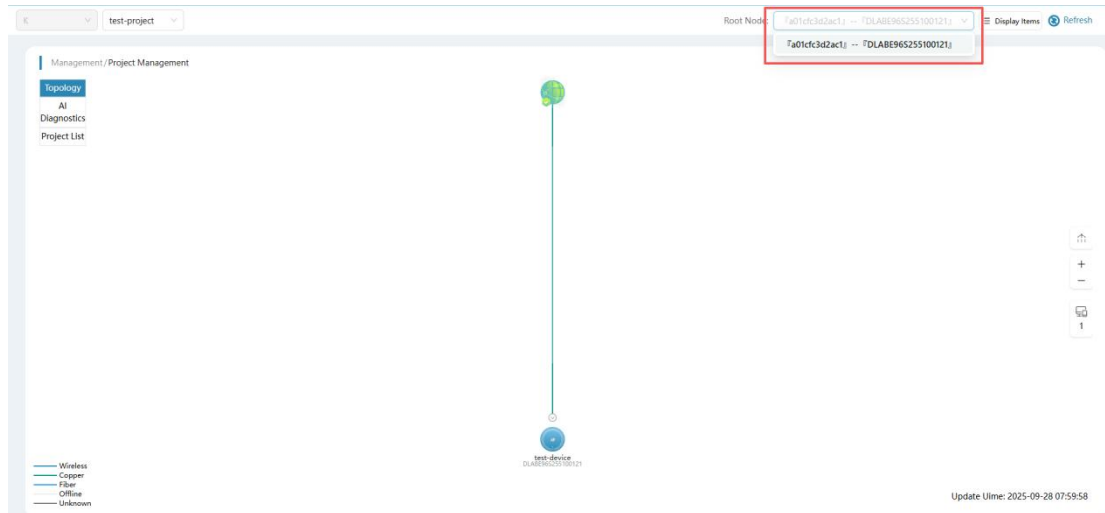
Navigate to Management>Basic>Project management, Creating projects allows for separate management of devices for different projects and groups. Each device can only be added to one project. Devices under a project have permission to use the configuration files of that project and group.

##### 4.1.1.1 Topology

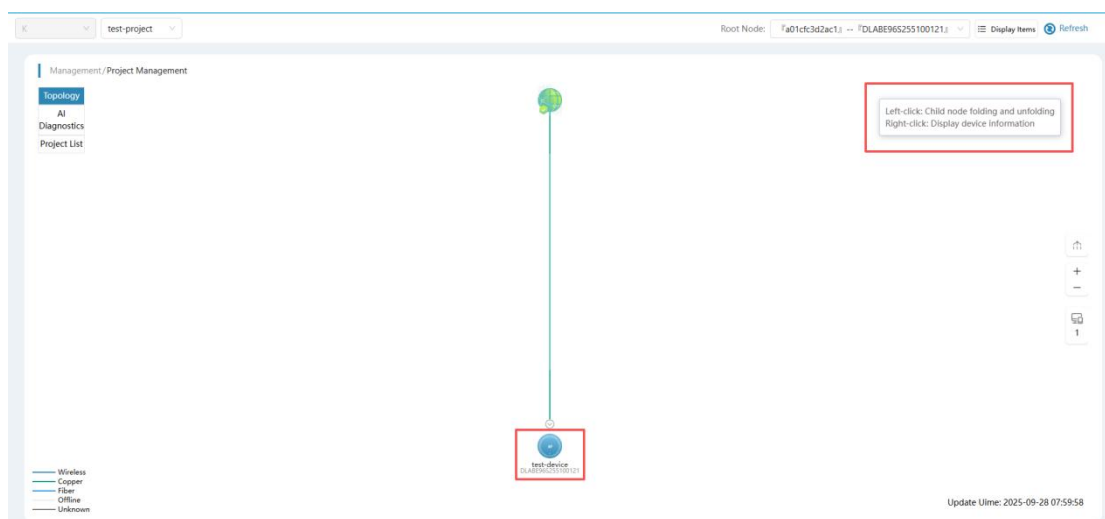
You can select a project to view the topology of managed devices under a project. Devices on a network are displayed in the same network. You can select the name, SN, ip address, and MAC address of the devices.



You can select nodes to view devices on different networks.



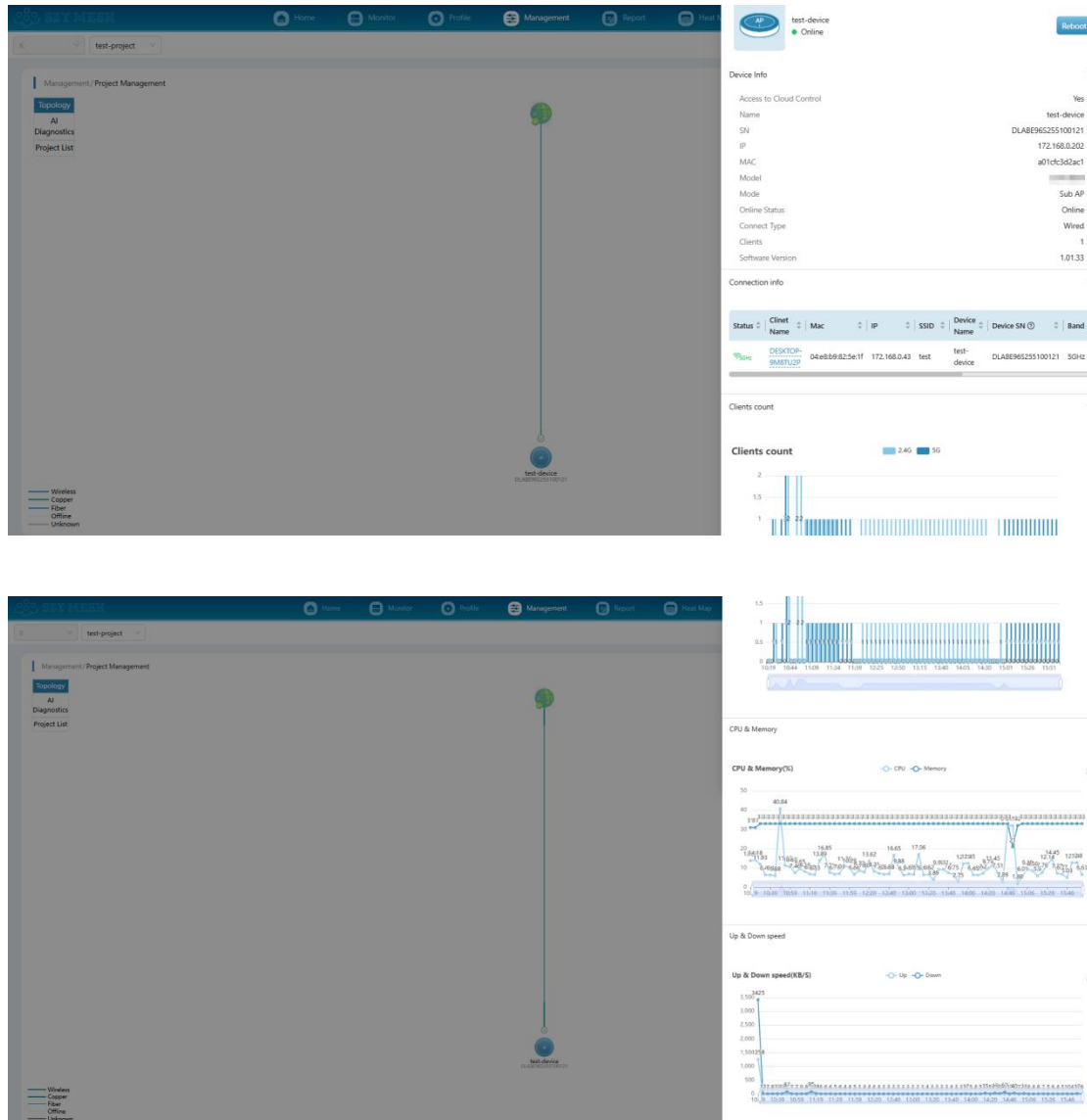
Click the left mouse button to fold and expand the child node, and click the right mouse button to display device information.



## Device Management

Click the right mouse button to display device information. Different devices display different information, taking the AP device as an example.

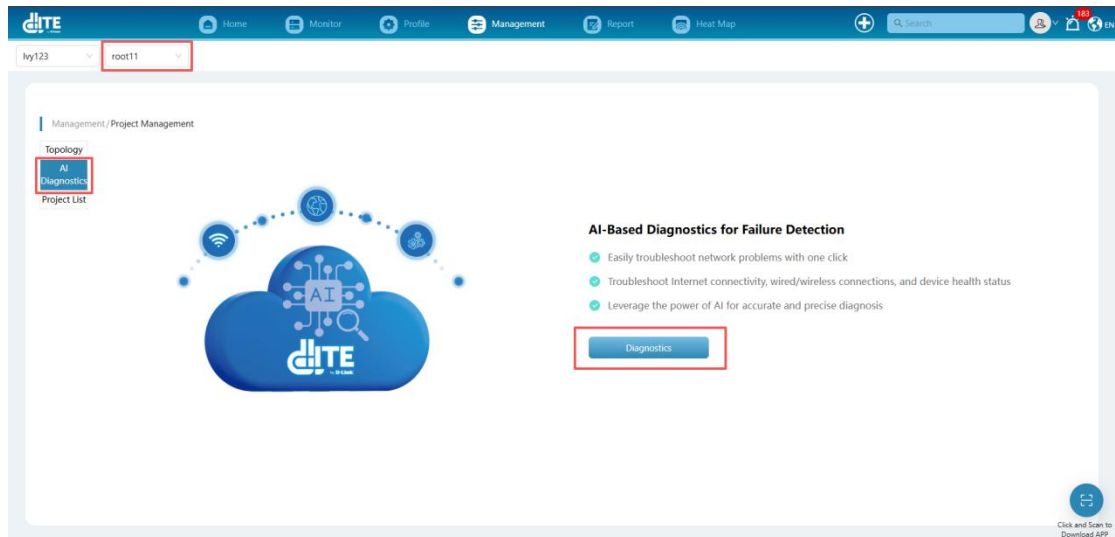
You can restart the device on the device management page. Device management page displays basic information such as device status, SN, MAC address, version number, terminal information, CPU and memory performance data, and device speed.



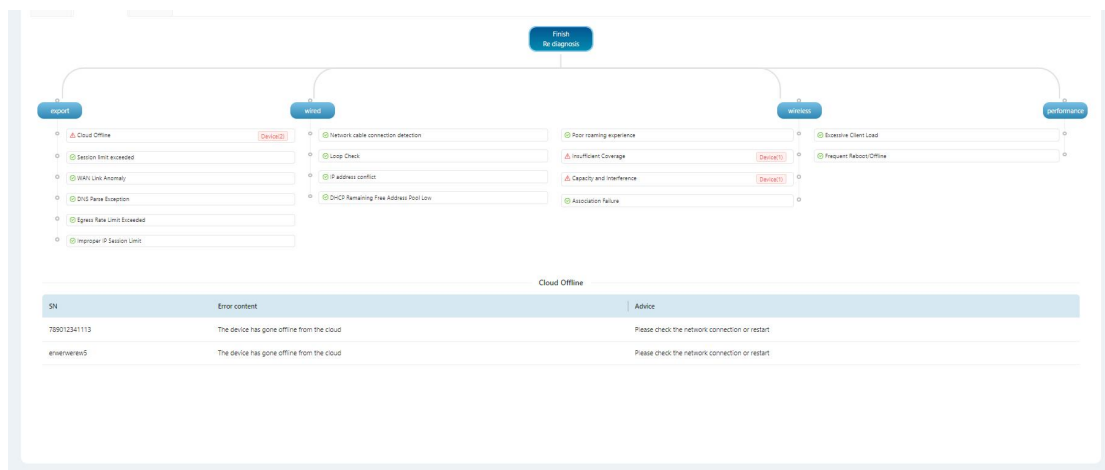
#### 4.1.1.2 AI Diagnostics

After selecting the project, AI diagnosis can detect the fault of the equipment under the current project, from the WAN port, wired, wireless, performance and other four aspects, including device online status, dhcp address pool detection, roaming experience, capacity and interference detection.

1. Select the project and click Detect.



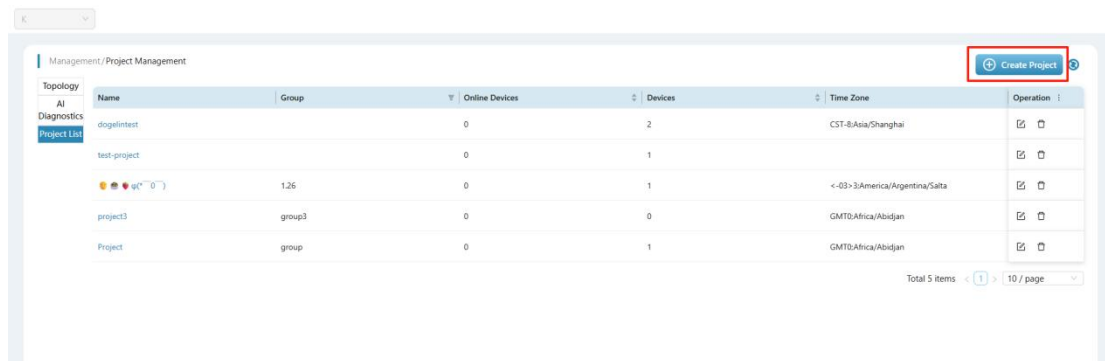
2. When a fault is detected, a prompt will be displayed. Click the prompt to display the details of the problem.



#### 4.1.1.3 Project list

The project list displays the project name, group, total number of devices managed by the project, number of online devices, and time zone.

1. You can click "Create project" to create the project.



2. Fill in project information.

**Create Project**

\* Name:

\* Organization:

Group:

Time Zone:

\* Password:  Required!

Location:

Note: the password used to access the device's web interface

**Fill out the required information.**

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Name                 | Enter a name for the project                                     |
| Organization         | The organization where your current account is located           |
| Group (optional)     | Select the group to which you want the current project to belong |
| Time zone (optional) | Project time zone                                                |
| Password             | The password used to access the device's                         |

|                     |                  |
|---------------------|------------------|
|                     | web interface    |
| Location (optional) | Project location |

"Operation" column can edit and delete the items.

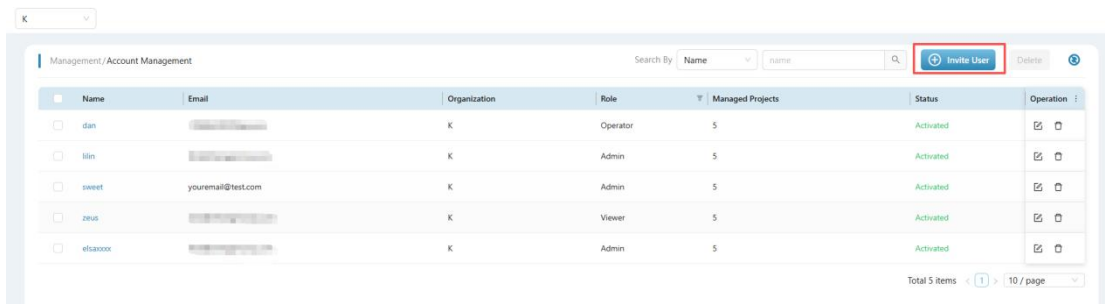


### 4.1.2 Account management

Navigate to Management>Basic>Account management, This section allows you to invite other accounts to jointly manage specific projects and devices. Invited users need to activate their accounts on the login page after being invited. Only activated accounts can perform management operations.

#### 4.1.2.1 Invite user

1. Click "Invite user"



Invite User

\* Name:

\* Email:

\* Role:

\* Organization:

Admin

\* Group:

Editor

\* Project:

Viewer

Operator

Cancel

Confirm

Invited email users will receive an activation email, which they can use to activate their account by clicking on the link in the email, or click "Activate account" on the login page to complete the activation process.



Different account roles have different permissions:

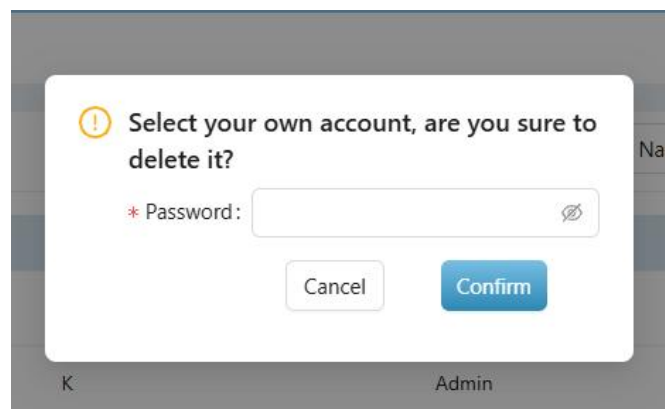
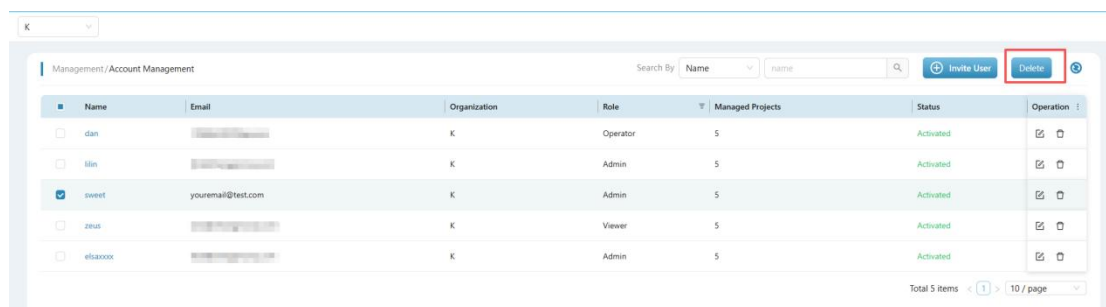
| Account roles | Description                                                                                                                                                                   |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Admin         | Admin accounts have full permissions for specified groups and projects, including the ability to modify permissions for other account roles.                                  |
| Editor        | Editor accounts have operational permissions for specified groups and projects but do not have permissions for adding, deleting, or making permission-related changes, or for |

|          |                                                                                                                                |
|----------|--------------------------------------------------------------------------------------------------------------------------------|
|          | significant device-affecting operations such as restoring to factory settings, sending configurations, and restarting devices. |
| Viewer   | Viewer accounts only have viewing permissions for specified groups and projects and do not have any operational permissions.   |
| Operator | Operator accounts have credential-related permissions for specified groups and projects.                                       |

#### 4.1.2.1 Delete user

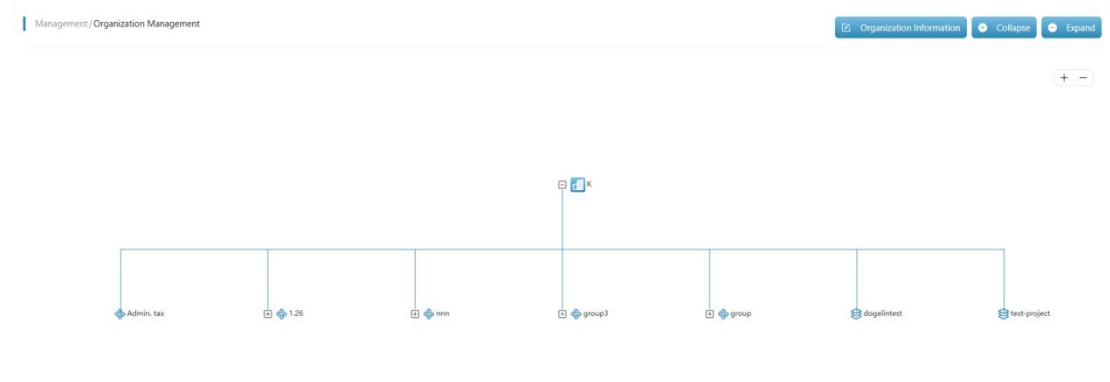
**Note:** Deleting an account from the account list means logging out of the account. A logged-out account needs to be re-registered or activated after being invited in order to manage it. When deleting an account, the account login password will be verified.

You can select the account and click Delete.

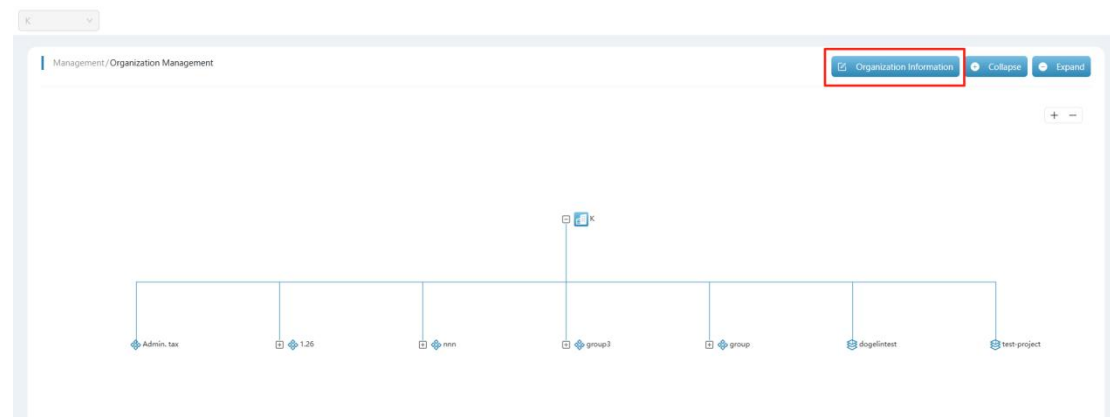


### 4.1.3 Organization management

Navigate to Management>Basic>Organization management, This section displays the structure diagram of all the groups and projects managed by the current account. The tissue structure can be expanded and contracted.



You can modify organization-related information.

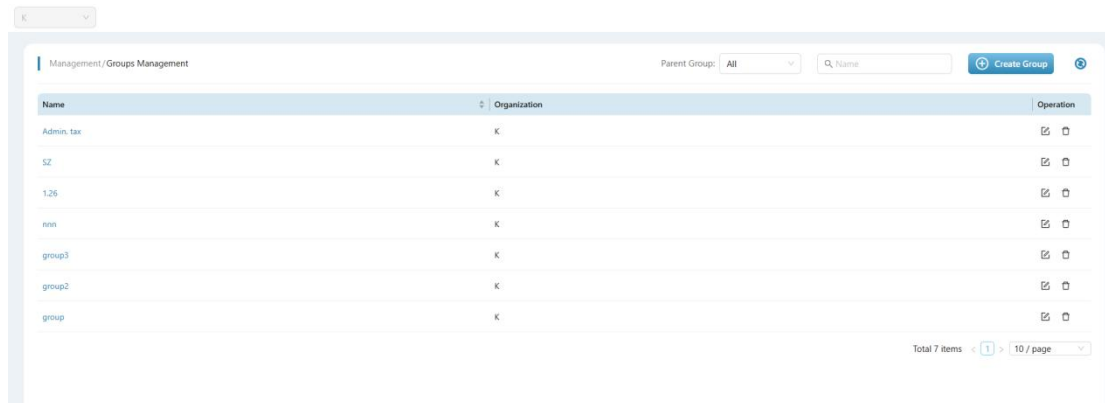


The screenshot shows the 'Organization Information' modal form. It has a title bar with a close button. The form contains the following fields: 'Name' (with a dropdown arrow, value 'K'), 'Contact Name' (value 'kyang'), 'Contact Phone' (empty), 'Email' (empty), and 'Time Zone' (with a dropdown arrow, value 'Asia/Qatar(+03>-3)'). At the bottom right, there are 'Cancel' and 'Confirm' buttons.

### 4.1.4 Groups management

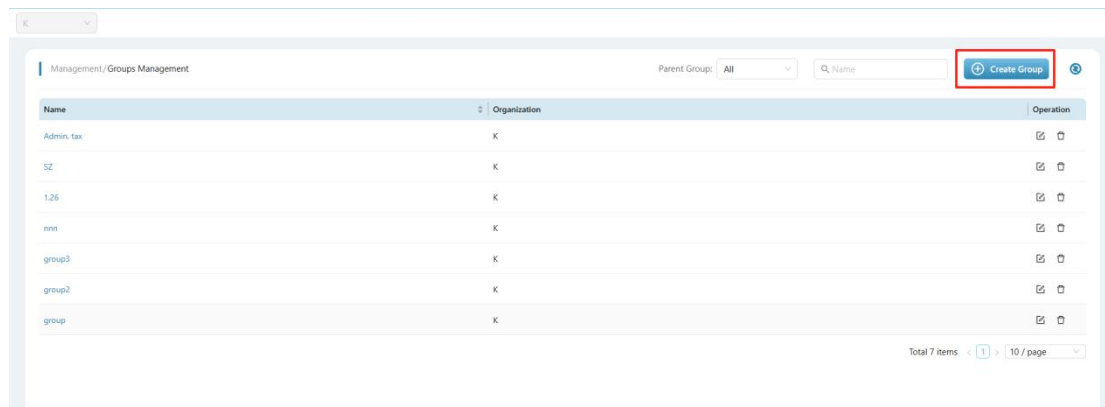
Navigate to Management>Basic>Groups management, Creating different groups and subgroups allows for separate management of different projects and devices without

interference.

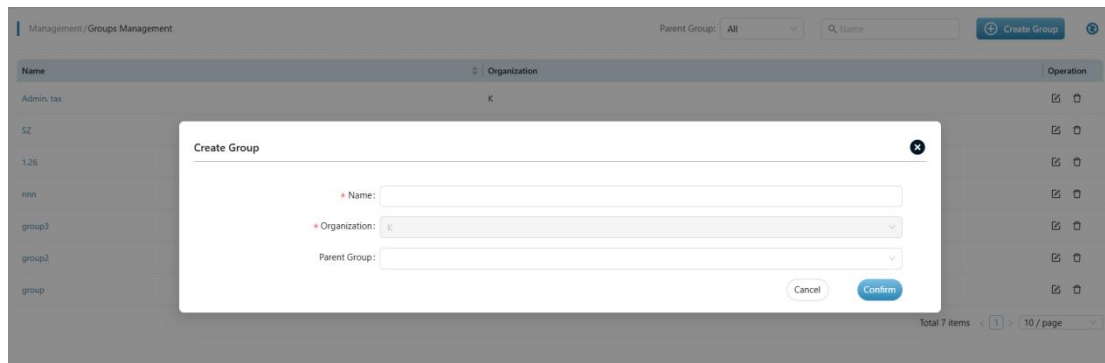


#### 4.1.4.1 Create a group

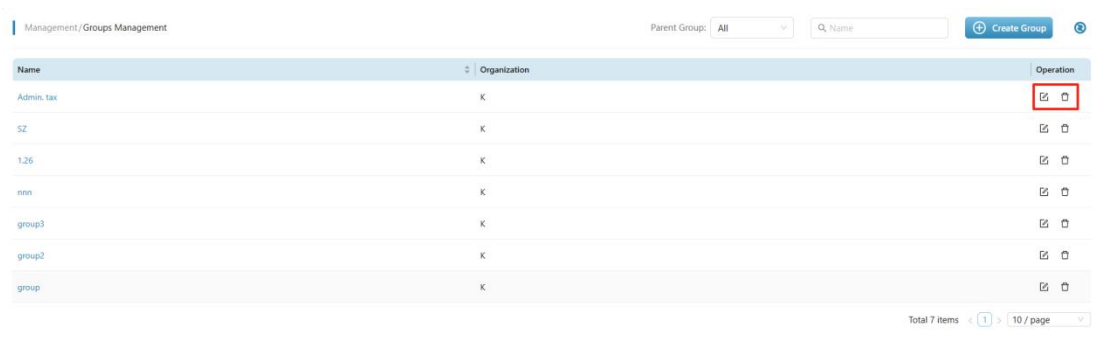
1. Click "Create group" to create the group.



2. Enter the group name and select the parent group.



3. You can modify the parent group of a group and delete unnecessary groups.



## 4.2 Devices

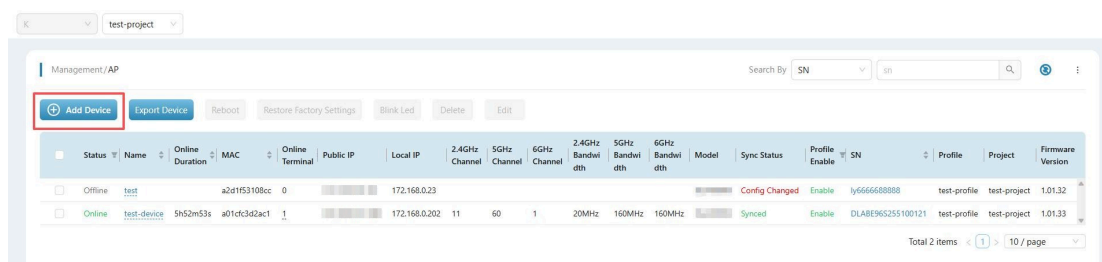
### 4.2.1 AP

Navigate to Management>Devices>AP, The device management page allows you to view device status, name, MAC, ip, channel, SN, profile, and more.

#### 4.2.1.1 Add device

Prompt: Before adding the device, please ensure that the device is powered on and connected to the internet.

1. Before adding devices, you need to create a project and profile (Refer to [Create project](#) and [Create profile](#), If it has been created, ignore it). You can click "Add device" to add a device.



2. You can choose to add a single device or add multiple devices in bulk. After adding, the device list will display the devices with an online status, indicating successful addition and enabling management operations.

### Single add :

The 'Add Device' form is shown. It has a title bar with a close button. Below the title bar, there are two buttons: 'Single Add' (highlighted with a red box) and 'Batch Add'. The form contains several fields with asterisks indicating they are required:

- \* Type: ☒ AP ☐ Switch
- \* SN:
- \* Name:
- \* Password:  (Note: Default Login Password is admin)
- \* MAC Verify:  (Please enter the last 6 digits of Mac)
- \* Project:
- \* Profile:
- \* Enable Profile: ☒ Enable ☐ Disable

At the bottom right, there are 'Cancel' and 'Confirm' buttons.

### Fill out the required information.

|      |                                                                                                                                                                                                                                         |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SN   | <p>Methods to obtain the device SN:</p> <p>Method 1: Check the SN label on the back panel of the device.</p> <p>S/N : XXXXXXXXXXXXX</p> <p>Method 2: Log in to the device's local web interface to obtain the device serial number.</p> |
| Name | Enter a name for the device                                                                                                                                                                                                             |

|                |                                                                                                                                                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Password       | <p>The device login password.</p> <p>Methods to obtain the device Password:</p> <p>Check the Login Password on the back panel of the device.</p>                                                                                                      |
| MAC verify     | <p>The last six of the MAC.</p> <p>To obtain the last six digits of the MAC:</p> <p>View the MAC label on the rear panel of the device.</p> <p>Input format: XXXXXX</p> <p><b>MAC ID : XXXXXXXXXXXXX</b></p>                                          |
| Project        | Select the project to which the device belongs                                                                                                                                                                                                        |
| Profile        | Select the configuration file of the device                                                                                                                                                                                                           |
| Enable profile | <p>Choose whether to synchronize the profile immediately or disable it temporarily Click the device name in the Monitor/AP/Devices directory to go to the SSID or Radio page of device details. You can enable the synchronization profile again.</p> |

### Batch add devices:

Step 1: Click Add device. Click Batch add to add devices in batches

Add Device ✕

Single Add Batch Add

\* Organization:

\* Project:

\* Type: ☒ AP ☐ Switch

\* Profile:

\* Enable Profile: ☒ Enable ☐ Disable

\* File:

[Download Template](#)

Step 2: [Optional] Click Download template to download the reference sample template.

Add Device
✕

Single Add
Batch Add

\* Organization: K

\* Project:

\* Type: ☒ AP ☐ Switch

\* Profile:

\* Enable Profile: ☒ Enable ☐ Disable

\* File: Select File

Download Template

Cancel
Confirm

Examples are as follows:

| SN*            | DeviceName     | Password*      | MacDigis*                        |
|----------------|----------------|----------------|----------------------------------|
| XXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXXXXXXXXXX | XXXXXX (The last six of the MAC) |

**Note:** To ensure security, you need to verify the login password and the last six digits of the MAC address when adding a device. The device can be successfully added only when you enter the correct local web login password and the last six digits of the MAC address.

### Parameter interpretation:

|            |                                                                                                                                                                                                                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SN         | <p>Methods to obtain the device SN:</p> <p>Method 1: Check the SN label on the back panel of the device.</p> <div style="border: 1px solid #ccc; padding: 2px; margin: 5px 0;">S/N : XXXXXXXXXXXXX</div> <p>Method 2: Log in to the device's local web interface to obtain the device serial number.</p> |
| DeviceName | Enter a name for the device                                                                                                                                                                                                                                                                              |
| Password   | <p>The device login password.</p> <p>Methods to obtain the device Password:</p> <p>Check the Login Password on the back panel of the device.</p>                                                                                                                                                         |

|                |                                                                                                                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MacDigis       | <p>The last six of the MAC.</p> <p>To obtain the last six digits of the MAC:</p> <p>View the MAC label on the rear panel of the device.</p> <p>Input format: XXXXXX</p> <p><b>MAC ID : XXXXXXXXXXXXX</b></p>                                   |
| Project        | Select the project to which the device belongs                                                                                                                                                                                                 |
| Profile        | Select the configuration file of the device                                                                                                                                                                                                    |
| Enable profile | Choose whether to synchronize the profile immediately or disable it temporarily Click the device name in the Monitor/AP/Devices directory to go to the SSID or Radio page of device details. You can enable the synchronization profile again. |

Step 3: Enter the correct SN, name, login password, and MAC address of all devices in the File, Select the project you want to add and the profile you want to use, select whether to synchronize the configuration file immediately, and click Select File to upload the edited batch device files to add devices in batches.

Add Device

Single Add
Batch Add

\* Organization: K

\* Project:

\* Type: ☒ AP ☐ Switch

\* Profile:

\* Enable Profile: ☒ Enable ☐ Disable

\* File:
Select File

Download Template

Cancel
Confirm

### 4.2.1.2 Operating device

The AP page also provides you with the functions of exporting the current device list, restarting, resetting and deleting devices, and editing devices, etc.

**Note:** Restarting and restoring the device will reconfigure all device settings. This may temporarily disconnect all currently connected clients. The device will be offline for a brief period of time.



| Item                     | Description                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Export device            | You can export the current list information to a file for viewing and saving.                                                                                                  |
| Reboot                   | Starting the device will restart all Settings of the device. This may temporarily disconnect all currently connected clients. The device will be offline for a period of time. |
| Restore factory settings | Resetting the device restores the device to factory Settings, a process that erases all data and Settings.                                                                     |
| Blink Led                | This button allows the device's LED light to flash for 30 seconds.                                                                                                             |
| Delete                   | If you delete a device from the cloud platform, the device is no longer controlled by the cloud platform.                                                                      |
| Edit                     | Select device and click Edit to enter device details.                                                                                                                          |

### 4.2.1.3 Device details

Click the device name or edit to enter the device details.

Management / AP

Search By SN

| ■                                   | Status  | Name        | Online Duration | MAC          | Online Terminal | Public IP | Local IP      | 2.4GHz Channel | 5GHz Channel | 6GHz Channel | 2.4GHz Bandwidth | 5GHz Bandwidth | 6GHz Bandwidth | Model | Sync Status    | Profile Enable | SN                | Profile      | Project      | Firmware Version |
|-------------------------------------|---------|-------------|-----------------|--------------|-----------------|-----------|---------------|----------------|--------------|--------------|------------------|----------------|----------------|-------|----------------|----------------|-------------------|--------------|--------------|------------------|
| <input type="checkbox"/>            | Offline | test        |                 | a2d1f53108cc | 0               |           | 172.168.0.23  |                |              |              |                  |                |                |       | Config Changed | Enable         | ly6666688888      | test-profile | test-project | 1.01.32          |
| <input checked="" type="checkbox"/> | Online  | test-device | 5h52m53s        | a01cfc3d2ac1 | 1               |           | 172.168.0.202 | 11             | 60           | 1            | 20MHz            | 160MHz         | 160MHz         |       | Synced         | Enable         | DLABE96S255100121 | test-profile | test-project | 1.01.33          |

Total 2 items < 1 > 10 / page

In the device details, you can view basic device information, modify device configuration files, view SSID and radio frequency information, use the ping function, and control LED lights, enabling remote login, etc.

Management / Devices / AP / test-device

Basic SSID Radio Ping LED Control Tunnel

### Device Information

Name: [test-device](#)

Status: Online

Model:

MAC: a01cfc3d2ac1

SN: DLABE96S255100121

Online Terminal: 1

2.4GHz Channel: 11

5GHz Channel: 60

6GHz Channel: 1

2.4GHz Bandwidth: 20MHz

5GHz Bandwidth: 160MHz

6GHz Bandwidth: 160MHz

### Project & Profile

Sync Status: Synced

Firmware Status: [Latest version already](#)

Firmware Version: 1.01.33

Project: test-project

Profile: test-profile

Changing the profile will re-configure all device settings. This may disconnect all currently connected clients.

Time Zone: CST-8/Asia/Shanghai

### Network Settings

Type: ☐ DHCP ☒ Static IP

Local IP: 172.168.0.202

Subnet Mask: 255.255.255.0

Gateway: 172.168.0.1

DNS: 119.6.6.6

Public IP:

IPv6: Disable

## Basic

Management / Devices / AP / test-device

Basic SSID Radio Ping LED Control Tunnel

### Device Information

Name: [test-device](#)

Status: Online

Model:

MAC: a01cfc3d2ac1

SN: DLABE96S255100121

Online Terminal: 1

2.4GHz Channel: 11

5GHz Channel: 60

6GHz Channel: 1

2.4GHz Bandwidth: 20MHz

5GHz Bandwidth: 160MHz

6GHz Bandwidth: 160MHz

### Project & Profile

Sync Status: Synced

Firmware Status: [Latest version already](#)

Firmware Version: 1.01.33

Project: test-project

Profile: test-profile

Changing the profile will re-configure all device settings. This may disconnect all currently connected clients.

Time Zone: CST-8/Asia/Shanghai

### Network Settings

Type: ☐ DHCP ☒ Static IP

Local IP: 172.168.0.202

Subnet Mask: 255.255.255.0

Gateway: 172.168.0.1

DNS: 119.6.6.6

Public IP:

IPv6: Disable

The "Device Information" section allows you to view and modify the device name, view device type, MAC address, Channel, and SN, etc.

The "Project & Profile" section allows you to view the synchronization status of configuration files, firmware versions, and time zones. By clicking on "Firmware status," you can access the firmware upgrade portal, where you can modify the device's project and configuration files. After making changes, click "Save" for the changes to take effect immediately.

**Note:** Changing the profile will re-configure all device settings. This may disconnect all currently connected clients.

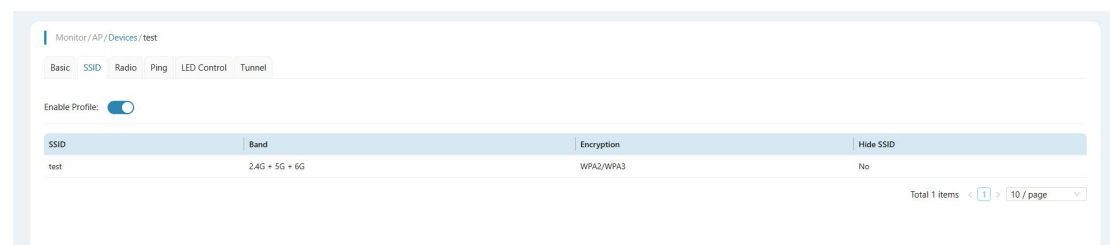
The "Network Settings" section allows you to view device IP address, gateway, DNS information, and modify the device's internet access method to static or DHCP .

|             |                                    |
|-------------|------------------------------------|
| Local IP    | Enter a valid IP address.          |
| Subnet mask | Enter a subnet mask                |
| Gateway     | Enter a default gateway address    |
| DNS         | Enter a DNS server address         |
| Public IP   | The public IP address is displayed |
| IPv6        | Display ipv6 status                |

## SSID Page

The SSID page allows you to view the current device's SSID information and choose whether to synchronize the configuration file settings.

**Note:** When the "Enable profile" button is turned off, neither modifying nor sending the configuration file will synchronize with the device.



## Radio

The SSID page allows you to view the current device's SSID information and choose whether to synchronize the configuration file settings.

**Note:** When the "Enable profile" button is turned off, neither sending nor modifying the configuration file will synchronize with the device.

Management / Devices / AP / test-device

Basic SSID Radio Ping LED Control Tunnel

Enable Profile: ☒

\* Country Code  
THE UNITED ARAB EMIRATES

\* MLO(MLO is only supported when BE is supported in wireless mode)  
☒ Enable ☐ Disable

**2.4G Radio**

Scan Channel Now  
Auto Channel Scan ☐

☒

\* Interval  Hours

\* Bandwidth

\* Channel

\* Wireless Mode

**5G Radio**

Scan Channel Now  
Auto Channel Scan ☐

☐

\* Interval  Hours

\* Bandwidth

\* Channel

\* Wireless Mode

**6G Radio**

Scan Channel Now  
Auto Channel Scan ☐

☐

\* Interval  Hours

\* Bandwidth

\* Channel

\* Wireless Mode

You can click on "Scan channel now" to scan 2.4G, 5G channels immediately and switch to the channel with the best signal.

Management / Devices / AP / test-device

Basic SSID Radio Ping LED Control Tunnel

Enable Profile: ☒

\* Country Code  
THE UNITED ARAB EMIRATES

\* MLO(MLO is only supported when BE is supported in wireless mode)  
☒ Enable ☐ Disable

**2.4G Radio**

Scan Channel Now  
Auto Channel Scan ☐

☒

\* Interval  Hours

\* Bandwidth

\* Channel

\* Wireless Mode

**5G Radio**

Scan Channel Now  
Auto Channel Scan ☐

☐

\* Interval  Hours

\* Bandwidth

\* Channel

\* Wireless Mode

**6G Radio**

Scan Channel Now  
Auto Channel Scan ☐

☐

\* Interval  Hours

\* Bandwidth

\* Channel

\* Wireless Mode

## Ping

The ping function page allows for network diagnostics to check if the device is properly connected to the internet and cloud server.

Monitor / AP / Devices / test-device

Basic SSID Radio **Ping** LED Control Tunnel

\* IP & Host:

\* Ping count:

Detection Stop

```

PING 56 data bytes
64 bytes from seq=0 ttl=55 time=5.174 ms
64 bytes from seq=1 ttl=55 time=3.841 ms
64 bytes from seq=2 ttl=55 time=4.986 ms
64 bytes from seq=3 ttl=55 time=4.856 ms
64 bytes from seq=4 ttl=55 time=4.623 ms

--- ping statistics ---
5 packets transmitted, 5 packets received, 0% packet loss
round-trip min/avg/max = 3.841/4.696/5.174 ms

```

## LED control

This page allows you to control whether the device's LED lights are turned on.

Monitor / AP / Devices / test

Basic SSID Radio Ping **LED Control** Tunnel

Enable the LED light? ☒

## Tunnel

You can configure ssh remote login, use the ip address and port number, enter the correct user name and password, and remotely connect to the device. Users can run commands, manage files, and transfer files on the remote computer.

Monitor / AP / Devices / test

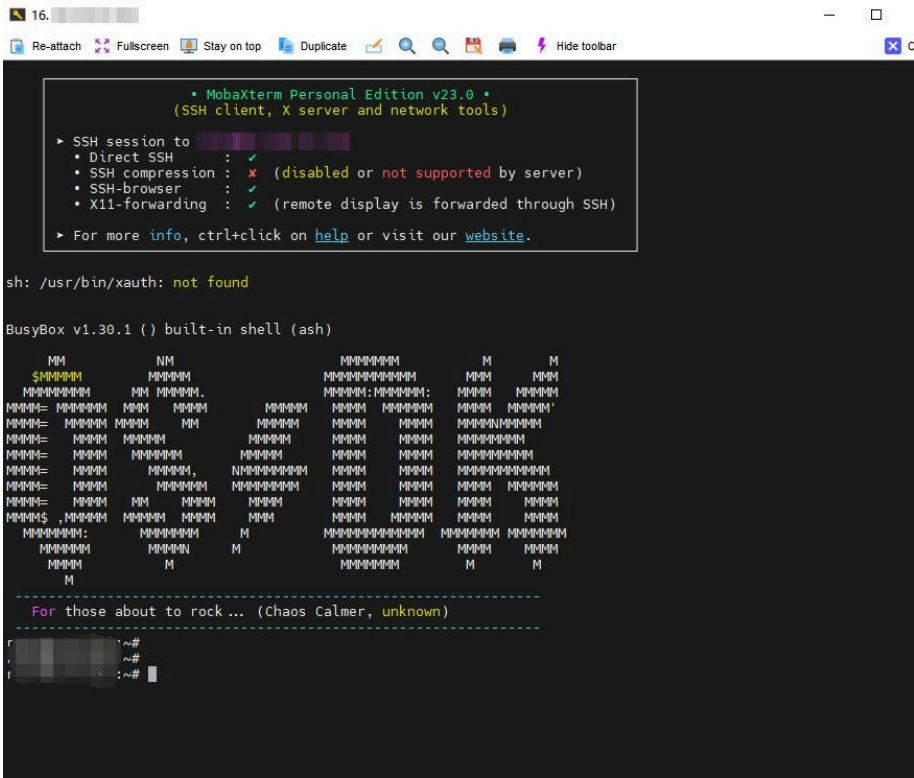
Basic SSID Radio Ping LED Control **Tunnel**

Create Tunnel

| Tunnel Type | Host | Port | Expire At           | Status | Operation |
|-------------|------|------|---------------------|--------|-----------|
| SSH         |      |      | 2025-09-09 11:42:58 | Enable | Close     |

Total 1 items < 1 > 10 / page

Example using ssh remote login:



### 4.2.2 Switch

Navigate to Management>Devices>Switch, The device management page allows you to view device status, name, MAC, ip, SN, profile, and more. Devices can be restarted and reset.

#### 4.2.2.1 Operating device

The Switch page also provides you with the functions of exporting the current device list, restarting, resetting and deleting devices, and editing devices, etc.

**Note:** Restarting and restoring the device will reconfigure all device settings. This may temporarily disconnect all currently connected clients. The device will be offline for a brief period of time.

| Management / Switch                                                                                                                                                  |        |      |                 |              |                        |               |       |             |                | Search By SN                  |         | sn      | Q                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|-----------------|--------------|------------------------|---------------|-------|-------------|----------------|-------------------------------|---------|---------|------------------|--|
| <a href="#">Add Device</a> <a href="#">Export Device</a> <a href="#">Reboot</a> <a href="#">Restore Factory Settings</a> <a href="#">Delete</a> <a href="#">Edit</a> |        |      |                 |              |                        |               |       |             |                |                               |         |         |                  |  |
| <input checked="" type="checkbox"/>                                                                                                                                  | Status | Name | Online Duration | MAC          | Alive Port/Port Number | Local IP      | Model | Sync Status | Profile Enable | SN                            | Profile | Project | Firmware Version |  |
| <input checked="" type="checkbox"/>                                                                                                                                  | Online | LVV  | 6h54m48s        | a09f7a4f30e9 | 1/26                   | 192.168.1.182 |       | Synced      | Disable        | 20250718down                  | LVV     | aaa     | V1.0.3-beta1     |  |
|                                                                                                                                                                      |        |      |                 |              |                        |               |       |             |                | Total 1 items < 1 > 10 / page |         |         |                  |  |

| Item                     | Description                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Export device            | You can export the current list information to a file for viewing and saving.                                                                                                  |
| Reboot                   | Starting the device will restart all Settings of the device. This may temporarily disconnect all currently connected clients. The device will be offline for a period of time. |
| Restore factory settings | Resetting the device restores the device to factory Settings, a process that erases all data and Settings.                                                                     |
| Delete                   | If you delete a device from the cloud platform, the device is no longer controlled by the cloud platform.                                                                      |
| Edit                     | Select device and click Edit to enter device details.                                                                                                                          |

#### 4.2.2.2 Device details

In the device details, you can view basic device information, modify device configuration files, use the ping function, and enabling remote login, etc.

Click the device name to enter the device details.

Monitor / Switch / Devices

Search By 

SN

sn

Q

Reboot

Restore Factory Settings

| <input type="checkbox"/> | Status | Name | Online Duration | MAC          | Alive Port/Port Number | Local IP      | Model | Sync Status | Profile Enable | SN           | Profile | Project | Firmware Version |
|--------------------------|--------|------|-----------------|--------------|------------------------|---------------|-------|-------------|----------------|--------------|---------|---------|------------------|
| <input type="checkbox"/> | Online | LVV  | 3h50m46s        | a09f7a4f30e9 | 1/26                   | 192.168.1.182 |       | Synced      | Disable        | 20250718down | LVV     | aaa     | V1.0.3-beta1     |

Total 1 items < 1 > 10 / page

Monitor / Switch / Devices / LVV

Basic Ping Tunnel

### Device Information

+ Name: LVV

Status: Online

Model: [REDACTED]

MAC: a09f7a4f30e9

SN: 20250718down

IP Address: 192.168.1.182

Mask: 255.255.255.0

Gateway: 192.168.1.1

### Project & Profile

Enable Profile: ☐

Sync Status: Synced

Firmware Status: Latest version already

Firmware Version: V1.0.3-beta1

+ Project: aaa

+ Profile: LVV

Changing the profile will re-configure all device settings. This may disconnect all currently connected clients

Time Zone: CST-8/Asia/Shanghai

Save

### 4.2.3 Upgrade

Navigate to Management>Devices>Upgrade, when entering the upgrade page, You can manually check if there is a new version for the device. Select the device you want to upgrade and click 'Upgrade' to continue.. Before upgrading, ensure that the device is properly connected to the internet and cloud server. After the upgrade is completed, the version number will be updated, and a successful upgrade log will be generated.

**Note:** During the device upgrade process, all device Settings will be re-configured. This may disconnect all currently connected clients, causing a brief period of offline status for the device.

Management / Device Upgrade

Search By: SN [sn] [Q] [Upgrade] [Check] [i]

| Status | Type   | Model      | SN                | Upgrade Status     | Current Version | Target Version | Hardware Version |
|--------|--------|------------|-------------------|--------------------|-----------------|----------------|------------------|
| Online | AP     | [REDACTED] | b36302050826      | Not started        | 1.01.15         |                | A1               |
| Online | AP     | [REDACTED] | X30120250506      | Not started        | 1.01.48         |                | A1               |
| Online | Switch | [REDACTED] | H122P828282824545 | Not started        | V1.0.3-beta1    |                | A1               |
| Online | AP     | [REDACTED] | DLA8E9620250822   | Upgrade successful | 1.01.12         | 1.01.26        | A1               |

Total 4 items < 1 / 10 / page

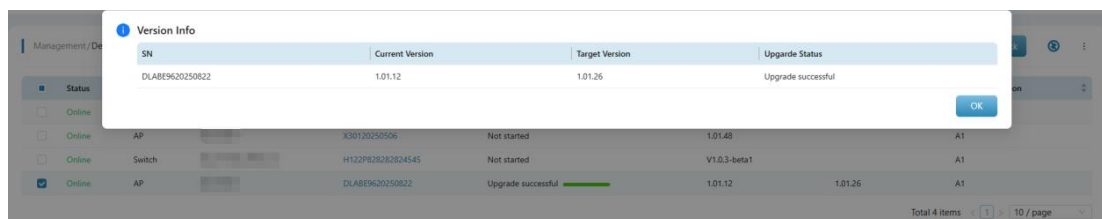
1. Check whether there is a version number that needs to be updated.

Management / Device Upgrade

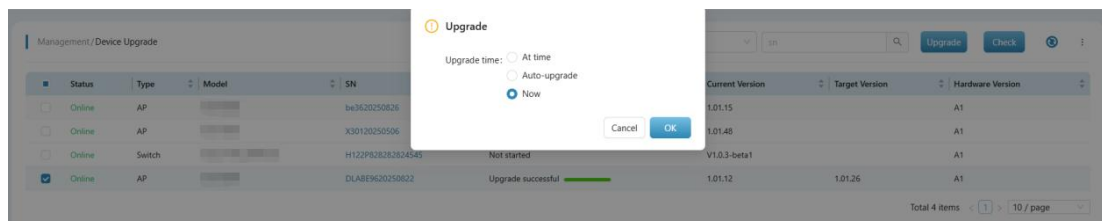
Search By: SN [sn] [Q] [Upgrade] [Check] [i]

| Status | Type   | Model      | SN                | Upgrade Status     | Current Version | Target Version | Hardware Version |
|--------|--------|------------|-------------------|--------------------|-----------------|----------------|------------------|
| Online | AP     | [REDACTED] | b36302050826      | Not started        | 1.01.15         |                | A1               |
| Online | AP     | [REDACTED] | X30120250506      | Not started        | 1.01.48         |                | A1               |
| Online | Switch | [REDACTED] | H122P828282824545 | Not started        | V1.0.3-beta1    |                | A1               |
| Online | AP     | [REDACTED] | DLA8E9620250822   | Upgrade successful | 1.01.12         | 1.01.26        | A1               |

Total 4 items < 1 / 10 / page



2. Select the device and click Upgrade. And select the upgrade time to perform the upgrade.



## Upgrade time

|              |                                                                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------|
| At time      | The device is upgraded at a specified time or date. time standards are based on the local time of the device. |
| Auto-upgrade | Devices are upgraded weekly. time standards are based on the local time of the device.                        |
| Now          | Upgrade the device immediately.                                                                               |

## 4.3 Portal auth

### 4.3.1 Portal Template

Navigate to Management>Portal Authentication>Portal Template, You can add different types of templates here. Select the configuration file that you want to use the template for. You can design the logo, background image, title, font color, and terms of service for the portal authentication page based on your needs, and view the demonstration effect. After

the template is configured, you can select a template from the SSID of the configuration file. For details, see [3.4.1](#) Captive portal in the SSID configuration.

After the configuration is complete, when a mobile phone or PC terminal connects to the configured WiFi, a portal authentication page will pop up.

Management / Portal Template

[Add](#)

| Name         | Profile     | Type                                                      | Operation                                   |
|--------------|-------------|-----------------------------------------------------------|---------------------------------------------|
| sue          | AP_sue_test | Self Register Voucher Account SMS Third Party Credentials | <a href="#">Edit</a> <a href="#">Delete</a> |
| lyy111       | lyy111      | Voucher Self Register Account SMS Third Party Credentials | <a href="#">Edit</a> <a href="#">Delete</a> |
| 1            | AAALLL      | Voucher Self Register Account SMS Third Party Credentials | <a href="#">Edit</a> <a href="#">Delete</a> |
| WWWWW_clone  | we111       | Voucher Account Self Register SMS Third Party Credentials | <a href="#">Edit</a> <a href="#">Delete</a> |
| WWWWW        | we          | Voucher Account Self Register SMS Third Party Credentials | <a href="#">Edit</a> <a href="#">Delete</a> |
| su           | AAALLL1     | Self Register Voucher Account Third Party Credentials     | <a href="#">Edit</a> <a href="#">Delete</a> |
| 666          | AAAVLAN     | Voucher Self Register                                     | <a href="#">Edit</a> <a href="#">Delete</a> |
| clone        | clone       | Voucher Self Register Account SMS Third Party Credentials | <a href="#">Edit</a> <a href="#">Delete</a> |
| aabbcc_clone | lvvvp2      | Voucher Self Register Account SMS Third Party Credentials | <a href="#">Edit</a> <a href="#">Delete</a> |
| aabbcc       | lvvvp       | Voucher Self Register Account SMS Third Party Credentials | <a href="#">Edit</a> <a href="#">Delete</a> |

Total 25 items < 1 2 3 > 10 / page

#### 4.3.1.1 Add portal template

1. Click Add to add a template.

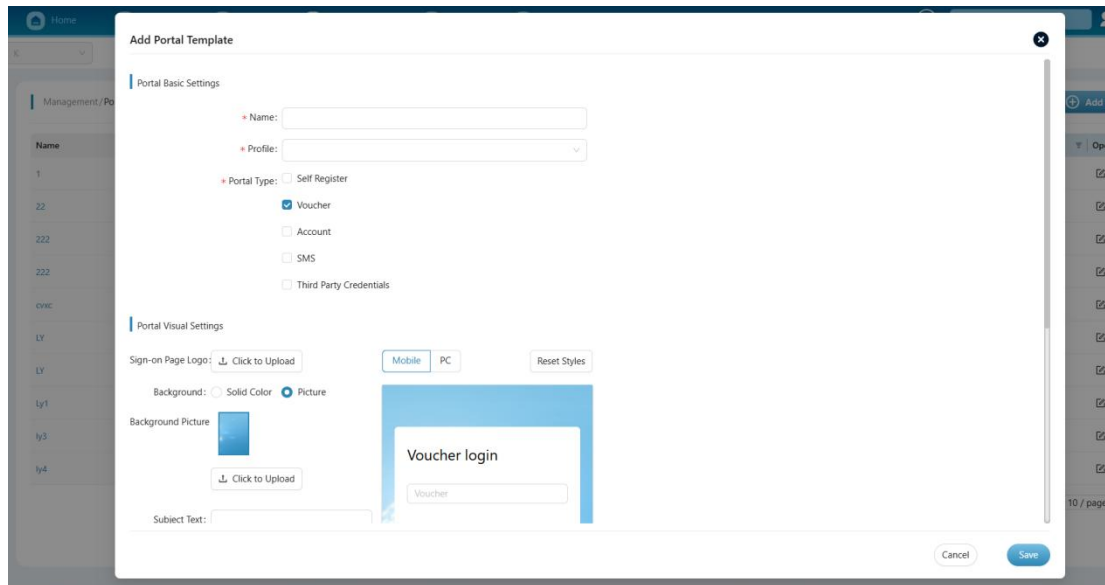
Management / Portal Template

[Add](#)

| Name | Profile | Type          | Operation                                   |
|------|---------|---------------|---------------------------------------------|
| 1    | portal  | Voucher       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 22   | M       | Voucher       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 222  | clone   | Voucher       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 222  | M       | Self Register | <a href="#">Edit</a> <a href="#">Delete</a> |
| cnvc | M       | Voucher       | <a href="#">Edit</a> <a href="#">Delete</a> |
| LY   | LY      | Self Register | <a href="#">Edit</a> <a href="#">Delete</a> |
| LY   | II      | Account       | <a href="#">Edit</a> <a href="#">Delete</a> |
| ly1  | II      | Self Register | <a href="#">Edit</a> <a href="#">Delete</a> |
| ly3  | II      | Voucher       | <a href="#">Edit</a> <a href="#">Delete</a> |
| ly4  | II      | SMS           | <a href="#">Edit</a> <a href="#">Delete</a> |

Total 21 items < 1 2 3 > 10 / page

2.Fill in template information. The template consists of Portal basic settings and Portal Visual Settings.



## Portal basic settings

Add portal template

Portal basic settings

\* Name:

\* Profile:

\* Portal type: ☐ Self Register ☒ Voucher ☐ Account ☐ SMS ☐ Third party credentials

|             |                                                                                    |
|-------------|------------------------------------------------------------------------------------|
| Name        | Enter a name for the portal template                                               |
| Profile     | Select the profile                                                                 |
| Portal type | Select the type of portal you want to configure. You can choose one or more types. |

## Portal type:

### 1、Self Register

If registration authentication is set, filling in the relevant information will allow normal internet access after connecting to the WiFi.

Add Portal Template

Portal Basic Settings

\* Name:

\* Profile:

\* Portal Type: ☒ Self Register  
☐ Voucher  
☐ Account  
☐ SMS  
☐ Third Party Credentials

**Self Register**

Customer data field 1:  (Data to collect eg Name)

Customer data field 2:  (Data to collect eg Email)

Customer data field 3:  (Data to collect eg Phone)

System Email:

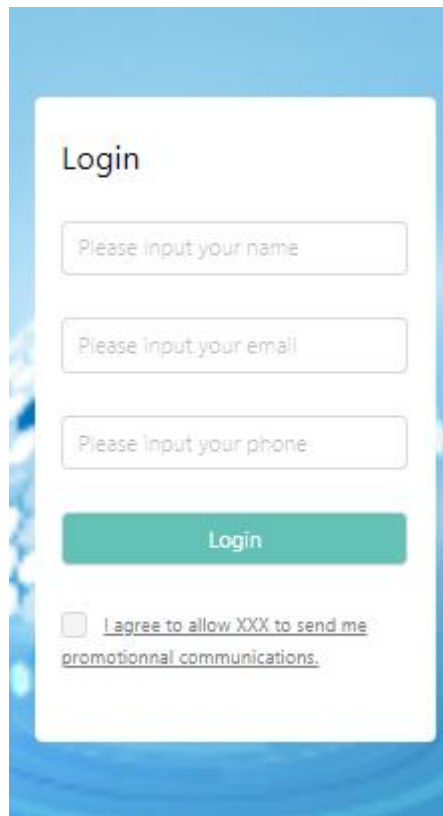
Email Subject:

Collect Customer Mac: ☐ Yes ☐ No

Cancel Save

|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| Customer data field  | To collect customer information, you can fill in 1 to 3 pieces.    |
| System email         | The recipient email address of the collected customer information. |
| Email subject        | The subject of the email to send customer information.             |
| Collect customer mac | Choose whether to collect the customer's MAC.                      |

The following is an example of the template generated after filling in the information:

A login form titled "Login" is displayed on a blue background with a cloud pattern. The form contains three input fields: "Please input your name", "Please input your email", and "Please input your phone:". Below these fields is a green "Login" button. At the bottom, there is a checkbox labeled "I agree to allow XXX to send me promotionnal communications.".

Login

Please input your name

Please input your email

Please input your phone:

Login

☐ I agree to allow XXX to send me promotionnal communications.

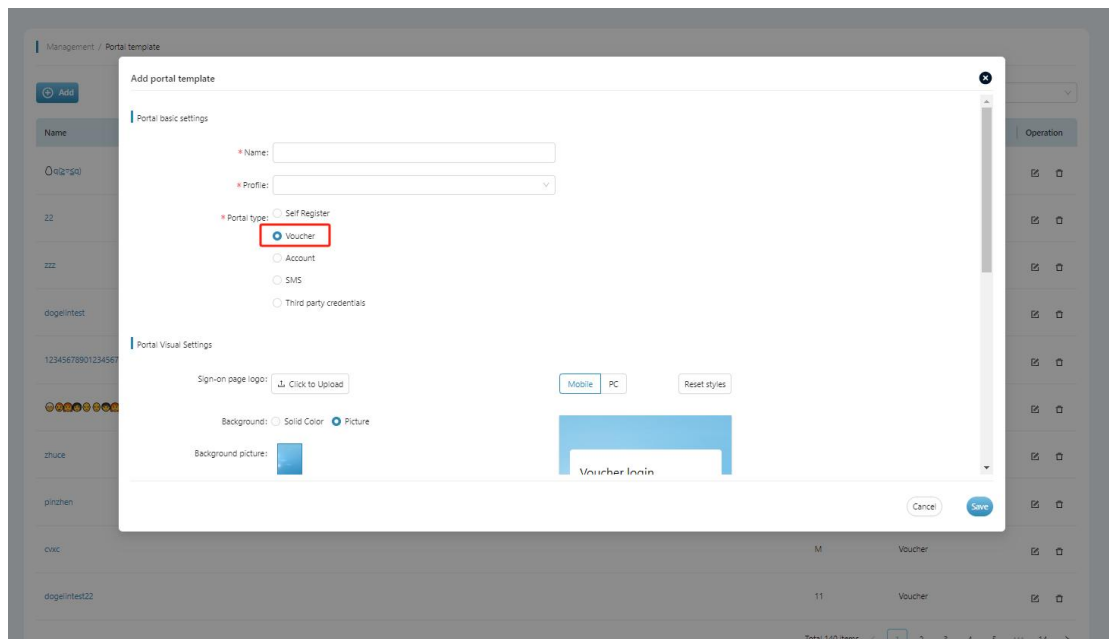
When you select Self Register, you will be asked to complete a disclaimer.

Disclaimers: ☒ I have read and understood the Disclaimer of [Personal Data Protection](#)

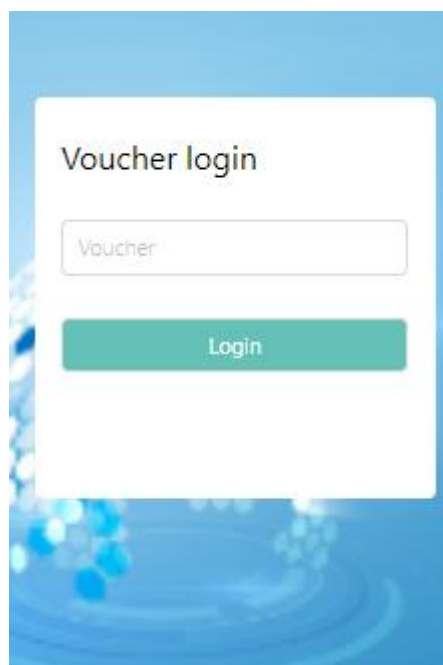
The content of privacy disclaimer is required. [Click here to edit.](#)

## 2、Voucher

You need to fill in the voucher code to pass the verification and connect to the Wi-Fi for internet access. Please refer to section [4.3.2](#) for the voucher code configuration.

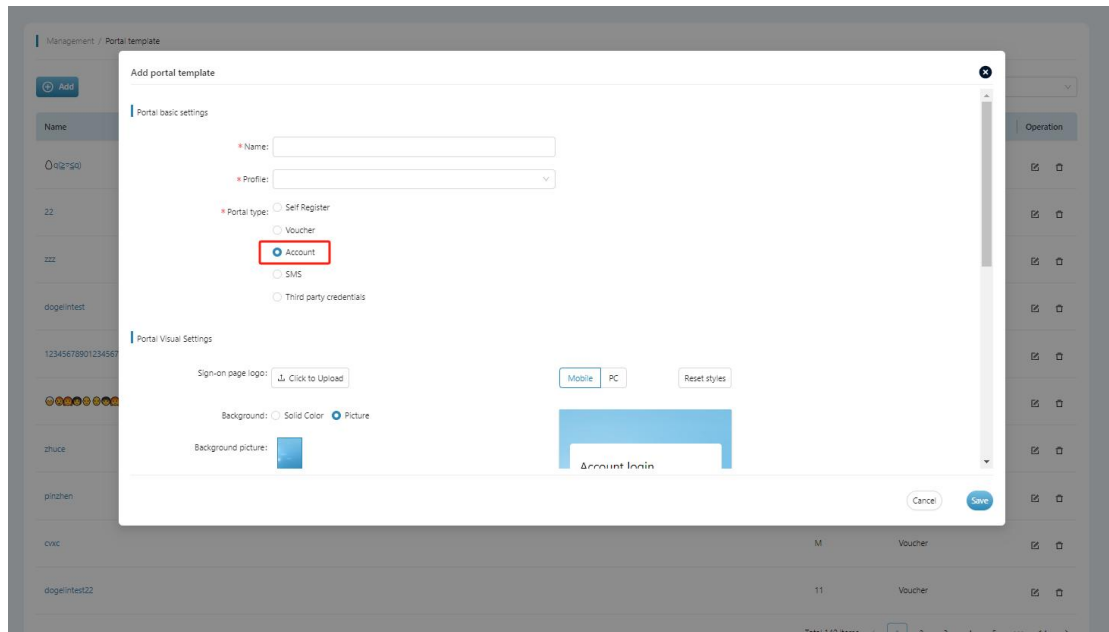


The following is an example of the template:

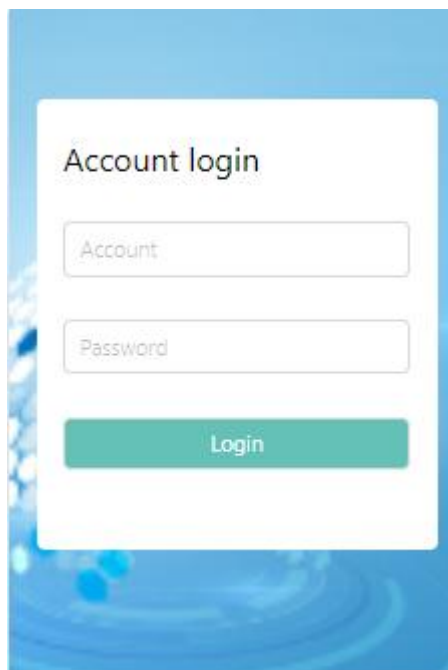


### 3、Account

You need to fill in the account name and password, pass the verification, and connect to the Wi-Fi Internet. For details, see Section [4.3.4](#) for account Configuration.



The following is an example of the template:



## 4、SMS

Add portal template

\* Profile:

\* Portal type: ☐ Self Register  
☐ Voucher  
☐ Account  
☒ SMS  
☐ Third party credentials

SMS

\* Twilio Account SID:

\* Auth token:

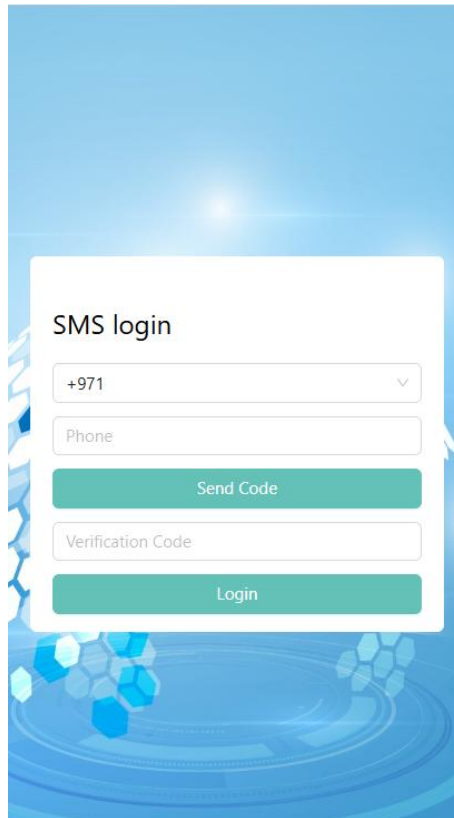
\* Allowed phone prefix:

\* Auth phone:

### Parameter interpretation:

|                      |                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Twilio Account SID   | A unique identifier on the Twilio platform to identify and manage your Twilio account. You can find your Account SID in the Twilio console. The Account SID is one of the important credentials needed to access the Twilio API and perform authentication.                                                                                                                                                 |
| Auth token           | Is another important credential for Twilio's account. It is used along with the Account SID to authenticate and authorize access to the Twilio API. The Auth Token is private, similar to a password, and is used to verify your identity and authorize you to access Twilio services. Be sure to protect your Auth Token and not share it with others. You can find your Auth Token in the Twilio console. |
| Allowed phone prefix | It refers to specific combinations of digits that are acceptable as the beginning of a phone number within a certain system or service. These prefixes are typically used to identify phone numbers from specific countries, regions, or carriers.                                                                                                                                                          |
| Auth phone           | Registered account on Twilio platform                                                                                                                                                                                                                                                                                                                                                                       |

Select the country code, enter the phone number, and wait for the phone to send the verification code for verification. The following is an example of the template :

The image shows a mobile app interface for SMS login. It features a white card with a blue background. The card has a title 'SMS login', a dropdown menu for country code (currently '+971'), a text input for 'Phone', a green button labeled 'Send Code', a text input for 'Verification Code', and a green button labeled 'Login'. The background of the app is blue with a sun-like graphic at the top and a circular pattern of blue hexagons at the bottom.

SMS login

+971

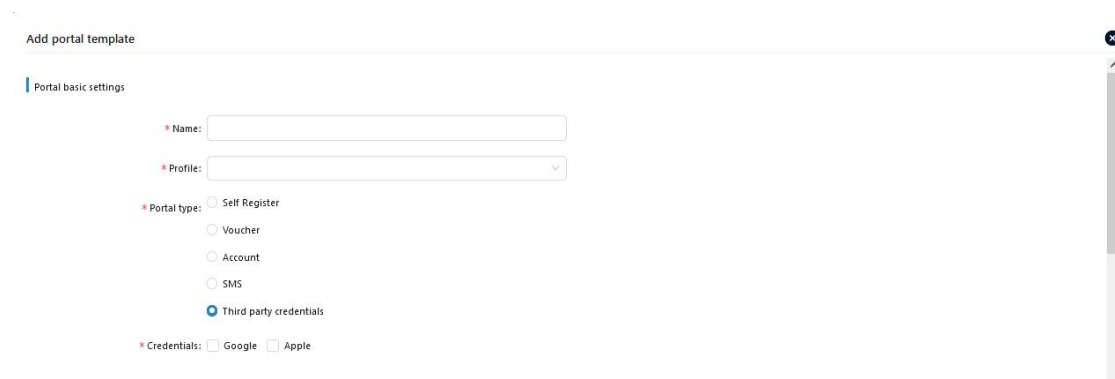
Phone

Send Code

Verification Code

Login

## 5、Third party credentials

The image shows a web interface for adding a portal template. It has a header 'Add portal template' and a sidebar 'Portal basic settings'. The main form contains fields for 'Name', 'Profile', 'Portal type', and 'Credentials'. The 'Portal type' section has radio buttons for 'Self Register', 'Voucher', 'Account', 'SMS', and 'Third party credentials' (which is selected). The 'Credentials' section has checkboxes for 'Google' and 'Apple'.

Add portal template

Portal basic settings

\* Name:

\* Profile:

\* Portal type:

☐ Self Register

☐ Voucher

☐ Account

☐ SMS

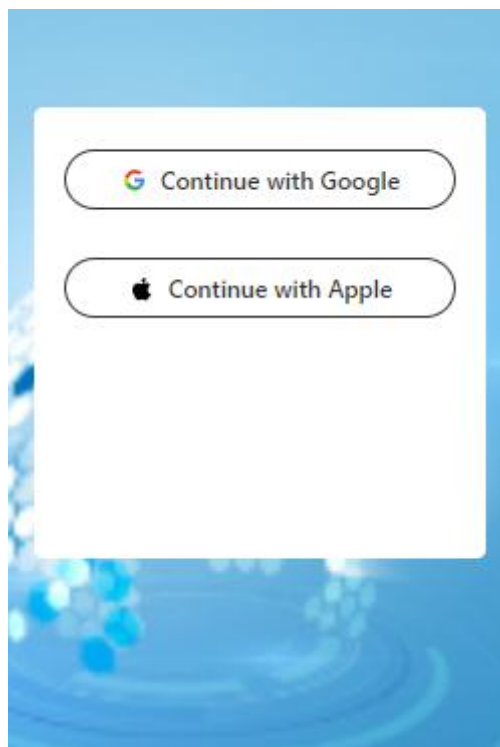
☒ Third party credentials

\* Credentials: ☐ Google ☐ Apple

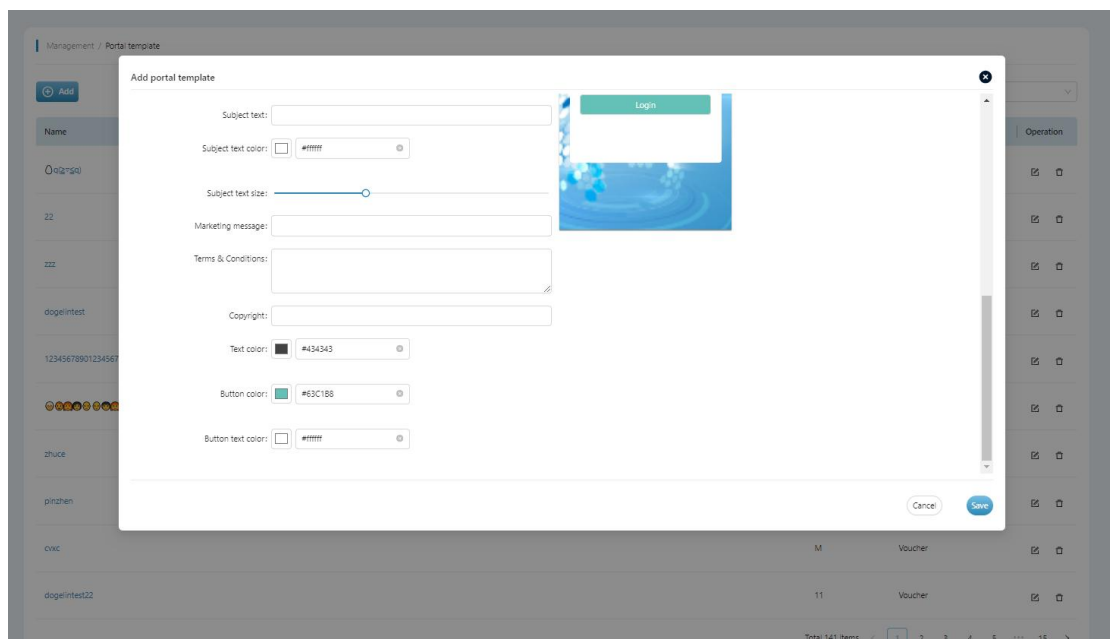
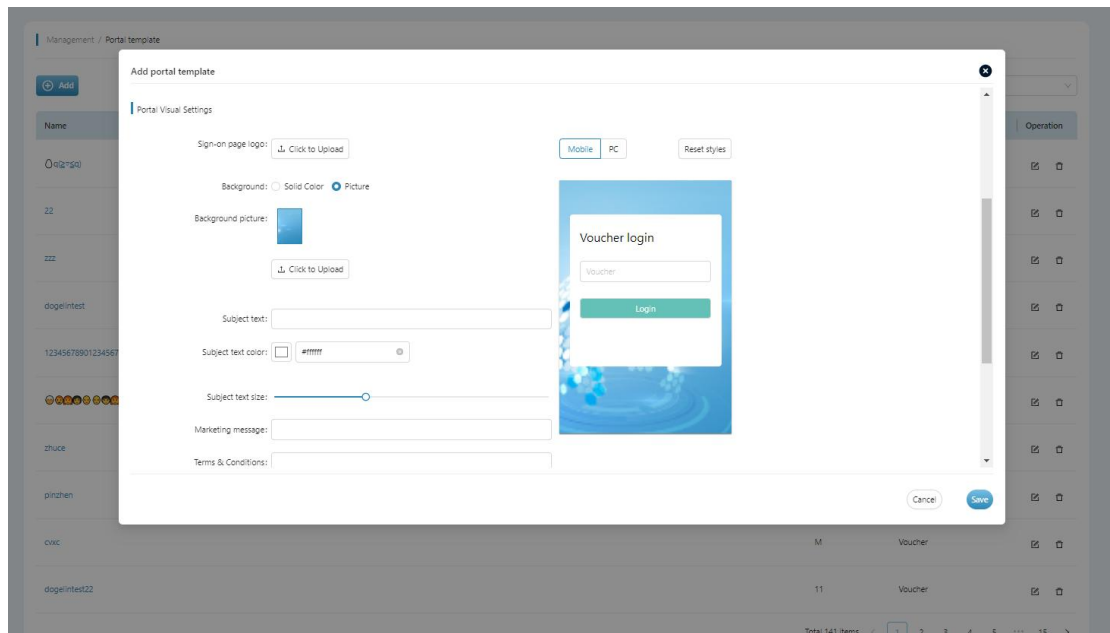
**Parameter interpretation:**

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| Credentials | Choose to use google or Apple email to authenticate your login. |
|-------------|-----------------------------------------------------------------|

The following is an example of the template:

**Portal Visual Settings**

Portal Visual Settings The following information is displayed:



### Parameter interpretation:

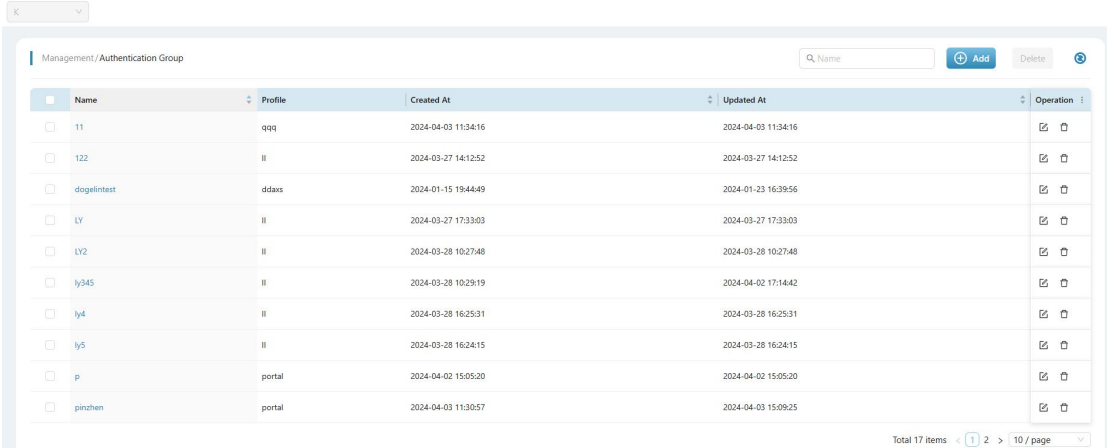
|                   |                                               |
|-------------------|-----------------------------------------------|
| Sign-on page logo | Upload page logo                              |
| Background        | Choose a solid background or upload an image. |
| Subject text      | Fill in the subject text.                     |

|                    |                                         |
|--------------------|-----------------------------------------|
| Subject text color | Select the subject text color.          |
| Subject text size  | Set the subject text size.              |
| Marketing message  | Fill in marketing information.          |
| Terms & Conditions | Fill in the terms and conditions.       |
| Copyright          | Fill in copyright.                      |
| Text color         | Select the color of the copyright text. |
| Button color       | Login button color                      |
| Button text color  | Set the login button color              |

### 4.3.2 Authentication Group

Navigate to Management>Portal Authentication>Authentication Group, You can configure an authentication group to control the online duration, number of terminals, usage rate, and traffic limit of the authenticated WIFI. The specific configuration parameters depend on the actual authentication type.

The list shows the name of the authentication group, the profile and type, and the creation and update time.

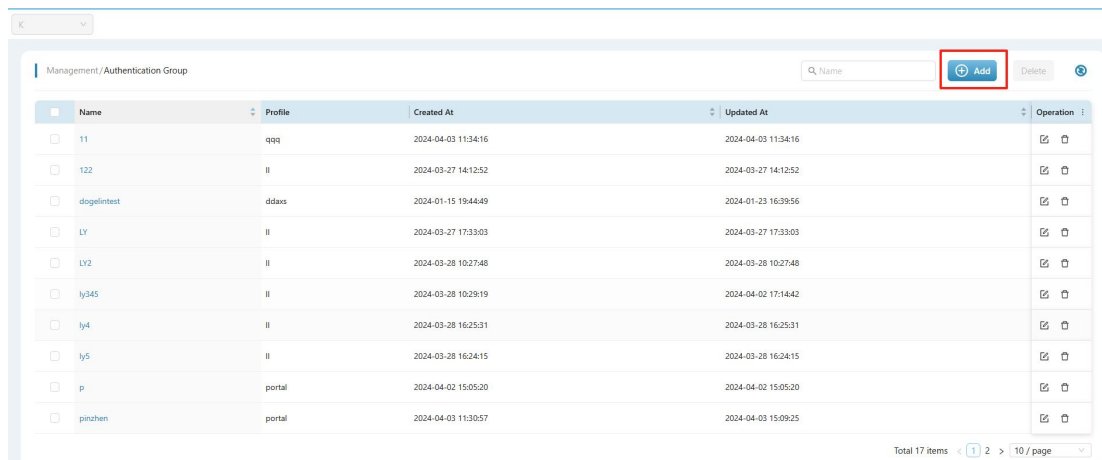


| Name        | Profile | Created At          | Updated At          | Operation                                   |
|-------------|---------|---------------------|---------------------|---------------------------------------------|
| 11          | qqq     | 2024-04-03 11:34:16 | 2024-04-03 11:34:16 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 122         | ll      | 2024-03-27 14:12:52 | 2024-03-27 14:12:52 | <a href="#">Edit</a> <a href="#">Delete</a> |
| dogelintest | ddlaus  | 2024-01-15 19:44:49 | 2024-01-23 16:39:56 | <a href="#">Edit</a> <a href="#">Delete</a> |
| LY          | ll      | 2024-03-27 17:33:03 | 2024-03-27 17:33:03 | <a href="#">Edit</a> <a href="#">Delete</a> |
| LY2         | ll      | 2024-03-28 10:27:48 | 2024-03-28 10:27:48 | <a href="#">Edit</a> <a href="#">Delete</a> |
| ly345       | ll      | 2024-03-28 10:29:19 | 2024-04-02 17:14:42 | <a href="#">Edit</a> <a href="#">Delete</a> |
| ly4         | ll      | 2024-03-28 16:25:31 | 2024-03-28 16:25:31 | <a href="#">Edit</a> <a href="#">Delete</a> |
| ly5         | ll      | 2024-03-28 16:24:15 | 2024-03-28 16:24:15 | <a href="#">Edit</a> <a href="#">Delete</a> |
| p           | portal  | 2024-04-02 15:05:20 | 2024-04-02 15:05:20 | <a href="#">Edit</a> <a href="#">Delete</a> |
| pinzhen     | portal  | 2024-04-03 11:30:57 | 2024-04-03 15:09:25 | <a href="#">Edit</a> <a href="#">Delete</a> |

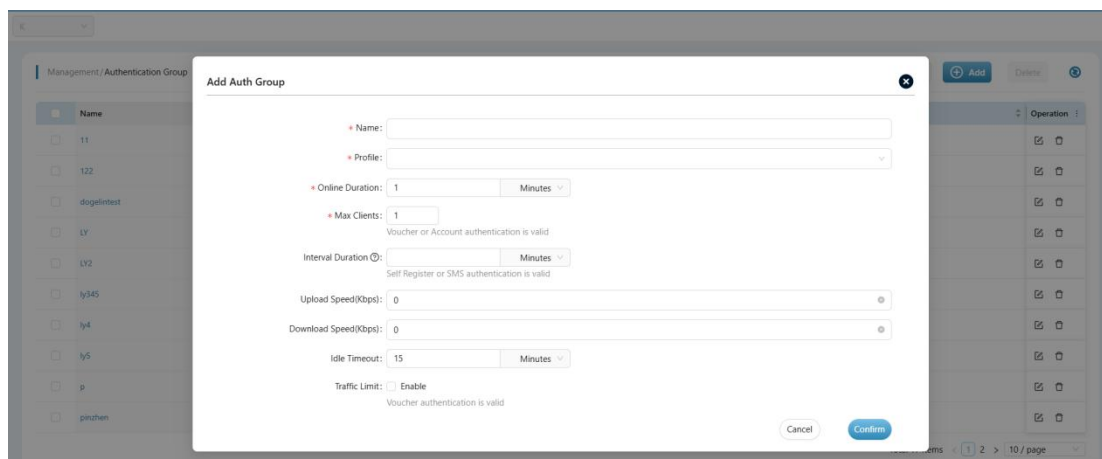
Total 17 items < 1 2 > 10 / page

### 4.3.2.1 Add Auth group

1. Click Add to add an authentication group.



2. Fill in information. You can select different types of authentication groups. Different types of authentication groups have different parameters.



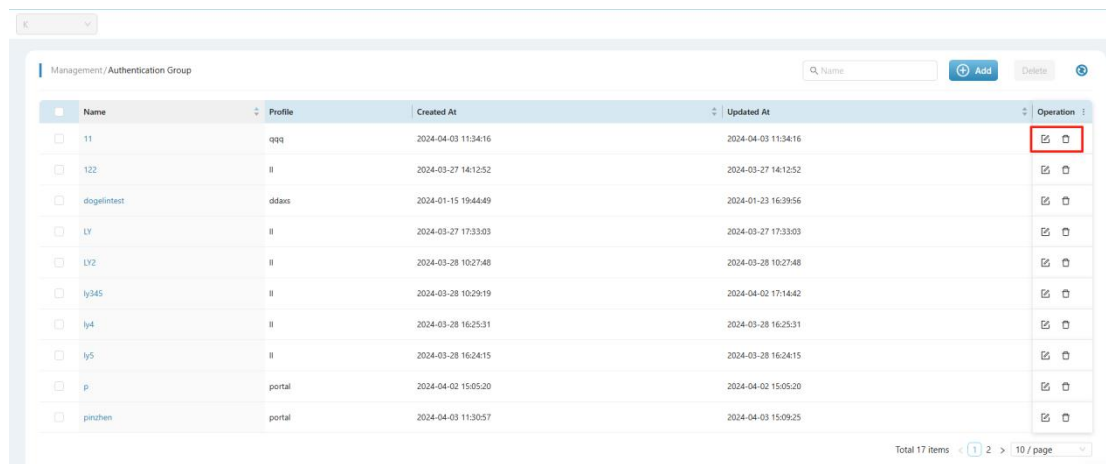
#### Parameter interpretation:

|                   |                                                                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Profile           | Select the profile.                                                                                                                                     |
| Online duration   | Duration that the terminal can use after the WIFI connection is authenticated.                                                                          |
| Max clients       | The number of times the same voucher code can be used by the terminal.Voucher or Account authentication is valid.                                       |
| Interval duration | After the WIFI authentication timeout (the WIFI timeout duration is "Online duration"), the terminal can use the authenticated WIFI again only after an |

|                      |                                                                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | interval of time.Self Register or SMS authentication is valid.                                                                                                                       |
| Upload Speed(Kbps)   | Set the upload rate of the terminal. Please enter an integer in the rang of 0-1700000.                                                                                               |
| Download Speed(Kbps) | Set the download rate of the terminal. Please enter an integer in the rang of 0-1700000.                                                                                             |
| Idle timeout         | If the terminal is connected to WIFI and does not use the network for a certain period of time, the terminal will be kicked out and need to perform WIFI login authentication again. |
| Traffic limit        | Limit the total usage of all terminal traffic under the same voucher code.Voucher authentication is valid.                                                                           |

#### 4.3.2.2 Operation Auth group

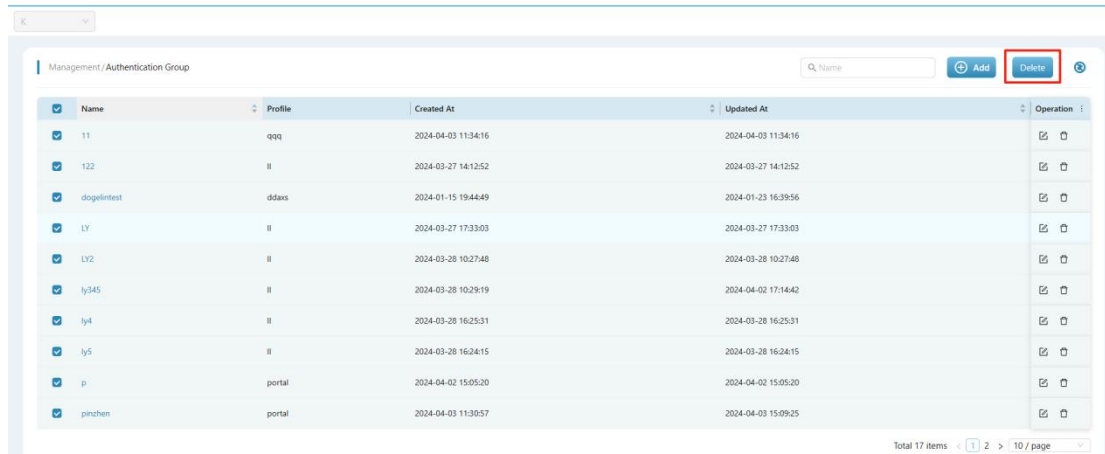
The operation bar allows you to edit and delete authentication groups.



The screenshot shows the 'Management / Authentication Group' interface. It features a table with columns: Name, Profile, Created At, Updated At, and Operation. The 'Operation' column contains edit and delete icons for each row. A red box highlights the delete icon for the first row (Name: 11). The table lists 10 authentication groups. At the bottom right, it shows 'Total 17 items' and a pagination control for '2 / 10 / page'.

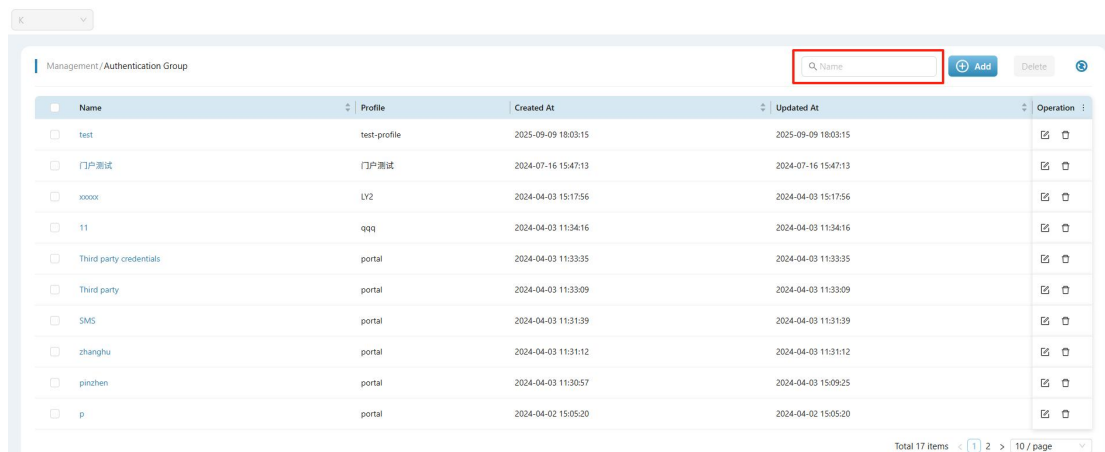
| Name        | Profile | Created At          | Updated At          | Operation       |
|-------------|---------|---------------------|---------------------|-----------------|
| 11          | qqq     | 2024-04-03 11:34:16 | 2024-04-03 11:34:16 | [Edit] [Delete] |
| 122         | ll      | 2024-03-27 14:12:52 | 2024-03-27 14:12:52 | [Edit] [Delete] |
| dogelintest | ddtaas  | 2024-01-15 19:44:49 | 2024-01-23 16:39:56 | [Edit] [Delete] |
| LY          | ll      | 2024-03-27 17:33:03 | 2024-03-27 17:33:03 | [Edit] [Delete] |
| LY2         | ll      | 2024-03-28 10:27:48 | 2024-03-28 10:27:48 | [Edit] [Delete] |
| ly345       | ll      | 2024-03-28 10:29:19 | 2024-04-02 17:14:42 | [Edit] [Delete] |
| ly4         | ll      | 2024-03-28 16:25:31 | 2024-03-28 16:25:31 | [Edit] [Delete] |
| ly5         | ll      | 2024-03-28 16:24:15 | 2024-03-28 16:24:15 | [Edit] [Delete] |
| p           | portal  | 2024-04-02 15:05:20 | 2024-04-02 15:05:20 | [Edit] [Delete] |
| pinzhen     | portal  | 2024-04-03 11:30:57 | 2024-04-03 15:09:25 | [Edit] [Delete] |

You can select authentication groups in batches and click the Delete button in the upper left corner to delete them.



**Note:** An authentication group in use cannot be deleted.

In the upper right corner, you can filter authentication groups by name.



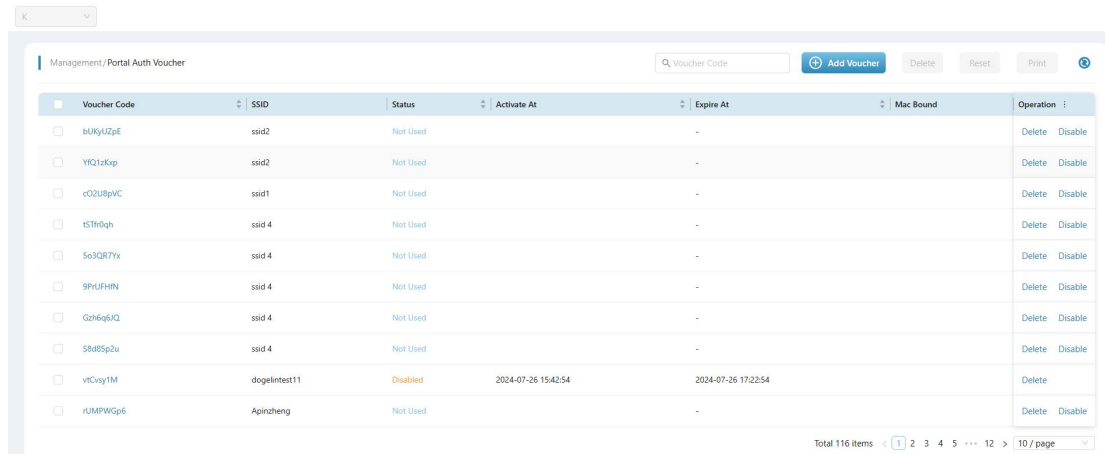
### 4.3.3 Voucher

Navigate to Management>Portal Authentication>Voucher, Voucher codes are used on SSIDs that have credential authentication login. When a terminal connects to the SSID, a portal authentication page will pop up, and the correct voucher code needs to be entered to use the WiFi.

The list shows the voucher code and the binding SSID, as well as the voucher code status, activation and expiration time, and the terminal MAC that has used the voucher code.

The validity period of the voucher code is set in the duration of the authentication group, and the validity period starts counting from when the voucher code is used by the terminal. Expired voucher codes can be reset for reuse, disabled voucher codes cannot be used, and can be used again after being reset.

**Note:** In-use voucher codes cannot be reset or deleted. If the voucher code is disabled, the terminal using the voucher code cannot access the WIFI network.



Management / Portal Auth Voucher

Search Voucher Code

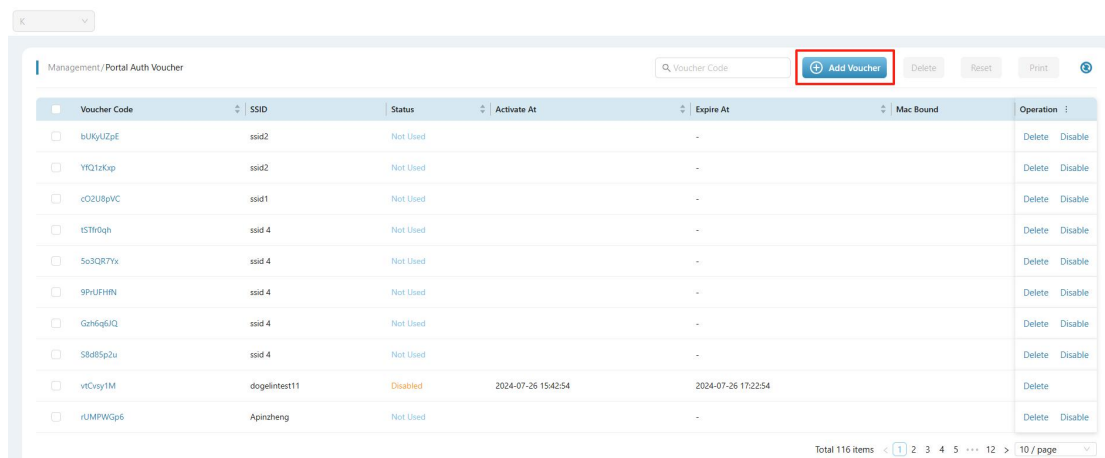
Buttons: Add Voucher, Delete, Reset, Print

| Voucher Code                       | SSID          | Status   | Activate At         | Expire At           | Mac Bound | Operation      |
|------------------------------------|---------------|----------|---------------------|---------------------|-----------|----------------|
| <input type="checkbox"/> bUKyUzpe  | ssid2         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> YIQ1zKp   | ssid2         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> cO2U8pVC  | ssid1         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> t5Tr0qh   | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> 5o3QR7yx  | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> 9PhUFHN   | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> Gch6g6IQ  | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> S8d8Sp2u  | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> vICvy1M   | dogelintest11 | Disabled | 2024-07-26 15:42:54 | 2024-07-26 17:22:54 |           | Delete         |
| <input type="checkbox"/> rUMPFWGp6 | Apinzheng     | Not Used |                     | -                   |           | Delete Disable |

Total 116 items < 1 2 3 4 5 ... 12 > 10 / page

### 4.3.3.1 Add voucher

1. Click add voucher.



Management / Portal Auth Voucher

Search Voucher Code

Buttons: Add Voucher, Delete, Reset, Print

| Voucher Code                       | SSID          | Status   | Activate At         | Expire At           | Mac Bound | Operation      |
|------------------------------------|---------------|----------|---------------------|---------------------|-----------|----------------|
| <input type="checkbox"/> bUKyUzpe  | ssid2         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> YIQ1zKp   | ssid2         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> cO2U8pVC  | ssid1         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> t5Tr0qh   | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> 5o3QR7yx  | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> 9PhUFHN   | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> Gch6g6IQ  | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> S8d8Sp2u  | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> vICvy1M   | dogelintest11 | Disabled | 2024-07-26 15:42:54 | 2024-07-26 17:22:54 |           | Delete         |
| <input type="checkbox"/> rUMPFWGp6 | Apinzheng     | Not Used |                     | -                   |           | Delete Disable |

Total 116 items < 1 2 3 4 5 ... 12 > 10 / page

2. Enter the number of voucher codes (ranging from 1 to 100), and select the profile and SSID to use, as well as online duration, user limit, rate, and traffic restrictions. After the configuration is successful, the terminal can enter the voucher code when connecting to the SSID for voucher login authentication.

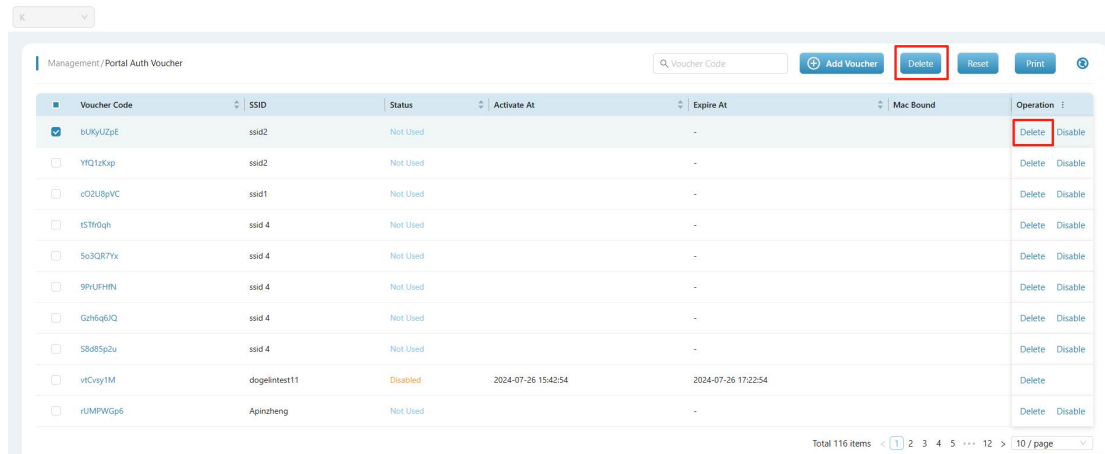
### Parameter interpretation:

|                      |                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------|
| Voucher Number       | The number of vouchers to be added, ranging from 1 to 100.                                                        |
| Profile              | Select the profile.                                                                                               |
| SSID                 | Enter a name for the WiFi                                                                                         |
| Online Duration      | Duration that the terminal can use after the WIFI connection is authenticated.                                    |
| Max clients          | The number of times the same voucher code can be used by the terminal.Voucher or Account authentication is valid. |
| Upload Speed(Kbps)   | Set the upload rate of the terminal. Please enter an integer in the rang of 0-1700000.                            |
| Download Speed(Kbps) | Set the download rate of the terminal. Please enter an integer in the rang of 0-1700000.                          |
| Traffic limit        | Limit the total usage of all terminal traffic under the same voucher code.Voucher authentication is valid.        |

### 4.3.3.2 Delete voucher

You can delete the voucher code in the Operation field or delete it after multiple selections.

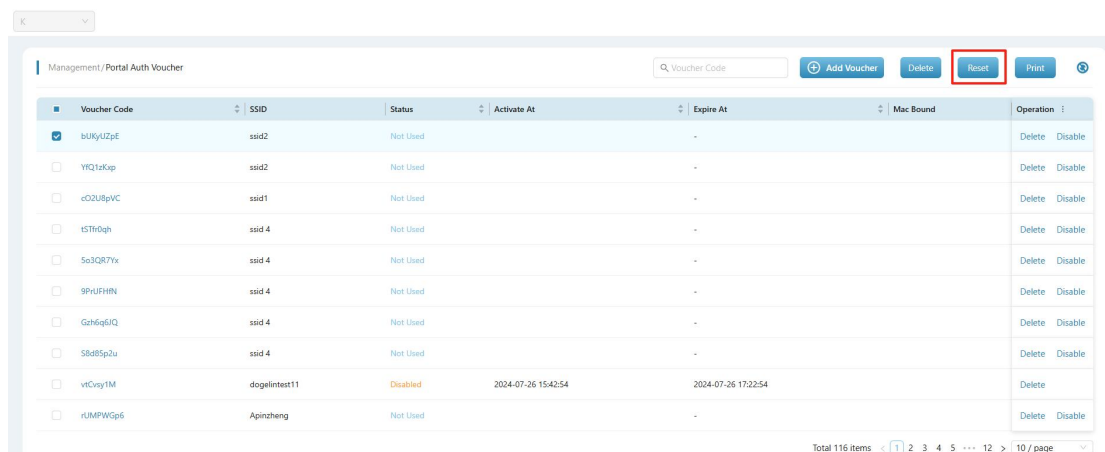
**Note:** In-use voucher codes cannot be reset or deleted.



| Voucher Code                                 | SSID          | Status   | Activate At         | Expire At           | Mac Bound | Operation             |
|----------------------------------------------|---------------|----------|---------------------|---------------------|-----------|-----------------------|
| <input checked="" type="checkbox"/> bUKyUzPE | ssid2         | Not Used |                     | -                   |           | <b>Delete</b> Disable |
| <input type="checkbox"/> YtQ1zKxp            | ssid2         | Not Used |                     | -                   |           | Delete Disable        |
| <input type="checkbox"/> cO2U8pVC            | ssid1         | Not Used |                     | -                   |           | Delete Disable        |
| <input type="checkbox"/> t5Tr0gh             | ssid 4        | Not Used |                     | -                   |           | Delete Disable        |
| <input type="checkbox"/> 5o3QR7Yx            | ssid 4        | Not Used |                     | -                   |           | Delete Disable        |
| <input type="checkbox"/> 9PvUFHhN            | ssid 4        | Not Used |                     | -                   |           | Delete Disable        |
| <input type="checkbox"/> Gzh6q6IQ            | ssid 4        | Not Used |                     | -                   |           | Delete Disable        |
| <input type="checkbox"/> S8d8Sp2u            | ssid 4        | Not Used |                     | -                   |           | Delete Disable        |
| <input type="checkbox"/> vtcVsy1M            | dogelintest11 | Disabled | 2024-07-26 15:42:54 | 2024-07-26 17:22:54 |           | Delete                |
| <input type="checkbox"/> rUMPWGp6            | Apinzheng     | Not Used |                     | -                   |           | Delete Disable        |

### 4.3.3.3 Reset voucher

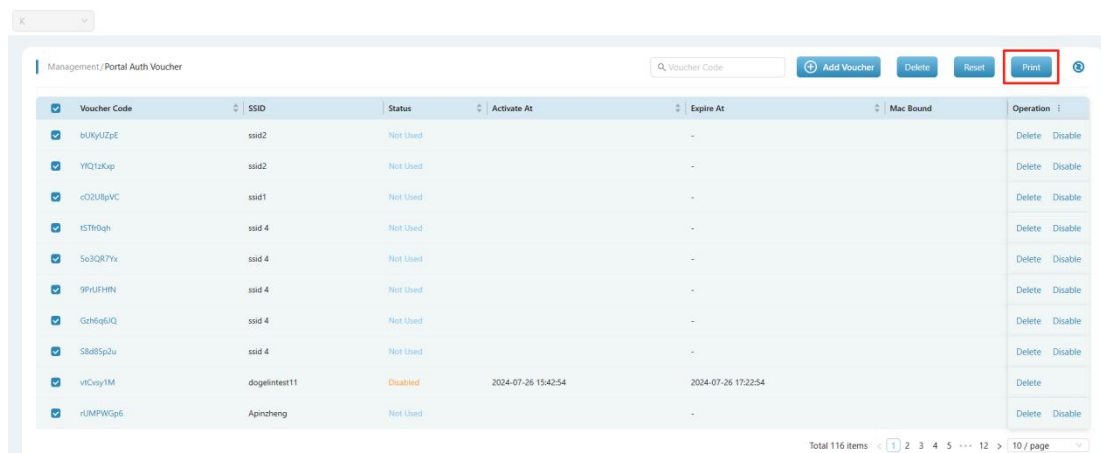
If the voucher code is disabled or expired, you can reset it and use it again.



| Voucher Code                                 | SSID          | Status   | Activate At         | Expire At           | Mac Bound | Operation      |
|----------------------------------------------|---------------|----------|---------------------|---------------------|-----------|----------------|
| <input checked="" type="checkbox"/> bUKyUzPE | ssid2         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> YtQ1zKxp            | ssid2         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> cO2U8pVC            | ssid1         | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> t5Tr0gh             | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> 5o3QR7Yx            | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> 9PvUFHhN            | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> Gzh6q6IQ            | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> S8d8Sp2u            | ssid 4        | Not Used |                     | -                   |           | Delete Disable |
| <input type="checkbox"/> vtcVsy1M            | dogelintest11 | Disabled | 2024-07-26 15:42:54 | 2024-07-26 17:22:54 |           | Delete         |
| <input type="checkbox"/> rUMPWGp6            | Apinzheng     | Not Used |                     | -                   |           | Delete Disable |

### 4.3.3.4 Print voucher

You can select voucher codes for printing.



Management/Portal Auth Voucher

Search Voucher Code

Buttons: Add Voucher, Delete, Reset, **Print**

| <input checked="" type="checkbox"/> | Voucher Code | SSID          | Status   | Activate At         | Expire At           | Mac Bound | Operation      |
|-------------------------------------|--------------|---------------|----------|---------------------|---------------------|-----------|----------------|
| <input checked="" type="checkbox"/> | bUkyUZpE     | ssid2         | Not Used | -                   | -                   | -         | Delete Disable |
| <input checked="" type="checkbox"/> | YlQ1zKup     | ssid2         | Not Used | -                   | -                   | -         | Delete Disable |
| <input checked="" type="checkbox"/> | cO2U8pVC     | ssid1         | Not Used | -                   | -                   | -         | Delete Disable |
| <input checked="" type="checkbox"/> | t5TH0gh      | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable |
| <input checked="" type="checkbox"/> | 5o3QR7Yx     | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable |
| <input checked="" type="checkbox"/> | 9PlUFHN      | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable |
| <input checked="" type="checkbox"/> | Gzh6q6IQ     | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable |
| <input checked="" type="checkbox"/> | S8d8Sp2u     | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable |
| <input checked="" type="checkbox"/> | vtCvy1M      | dogelintest11 | Disabled | 2024-07-26 15:42:54 | 2024-07-26 17:22:54 | -         | Delete         |
| <input checked="" type="checkbox"/> | rUMPWGP6     | Apinzheng     | Not Used | -                   | -                   | -         | Delete Disable |

Total 116 items < 1 2 3 4 5 ... 12 > 10 / page

Print result example:

**Voucher**

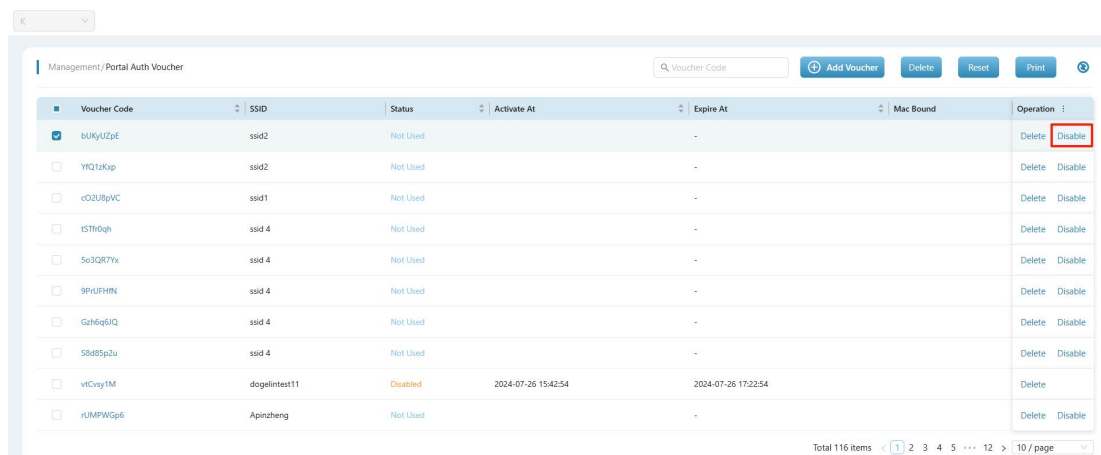
Name **fDUPJQmH**

SSID **A2024-123**

#### 4.3.3.5 Disable voucher

After the voucher code is disabled, the voucher code cannot be used. If you want to use it again, you need to reset the voucher code.

**Note:** If you disable the voucher code in use, the terminal using the voucher code will not be able to access the WIFI network.



Management/Portal Auth Voucher

Search Voucher Code

Buttons: Add Voucher, Delete, Reset, **Print**

| <input checked="" type="checkbox"/> | Voucher Code | SSID          | Status   | Activate At         | Expire At           | Mac Bound | Operation             |
|-------------------------------------|--------------|---------------|----------|---------------------|---------------------|-----------|-----------------------|
| <input checked="" type="checkbox"/> | bUkyUZpE     | ssid2         | Not Used | -                   | -                   | -         | Delete <b>Disable</b> |
| <input type="checkbox"/>            | YlQ1zKup     | ssid2         | Not Used | -                   | -                   | -         | Delete Disable        |
| <input type="checkbox"/>            | cO2U8pVC     | ssid1         | Not Used | -                   | -                   | -         | Delete Disable        |
| <input type="checkbox"/>            | t5TH0gh      | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable        |
| <input type="checkbox"/>            | 5o3QR7Yx     | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable        |
| <input type="checkbox"/>            | 9PlUFHN      | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable        |
| <input type="checkbox"/>            | Gzh6q6IQ     | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable        |
| <input type="checkbox"/>            | S8d8Sp2u     | ssid 4        | Not Used | -                   | -                   | -         | Delete Disable        |
| <input type="checkbox"/>            | vtCvy1M      | dogelintest11 | Disabled | 2024-07-26 15:42:54 | 2024-07-26 17:22:54 | -         | Delete                |
| <input type="checkbox"/>            | rUMPWGP6     | Apinzheng     | Not Used | -                   | -                   | -         | Delete Disable        |

Total 116 items < 1 2 3 4 5 ... 12 > 10 / page

### 4.3.4 Portal User Account

Navigate to Management>Portal Authentication>Portal account, The portal account is used to have an ssid for account authentication login. After the terminal connects to the SSID, the portal authentication page is displayed. When using WiFi, you need to enter the SSID account name and password.

The validity period of a portal account is set within the duration of the authentication group. The validity period starts when the account is used by the terminal. Expired accounts can be reset.

The list shows the account name and password, bound SSID, status and MAC of the terminal using the account, as well as the activation time and expiration time.

Management / Portal User Account

Search Account Add Delete Reset

| <input type="checkbox"/> | Account | Password | SSID Bound  | Status   | Mac Bound | Activate At | Expire At | Operation           |
|--------------------------|---------|----------|-------------|----------|-----------|-------------|-----------|---------------------|
| <input type="checkbox"/> | user1   | 123456   | ssid 4      | Not Used |           |             |           | Edit Delete Disable |
| <input type="checkbox"/> |         | 123456   | ssid        | Not Used |           |             |           | Edit Delete Disable |
| <input type="checkbox"/> | admin   | admin    | Ap3zhang    | Not Used |           |             |           | Edit Delete Disable |
| <input type="checkbox"/> |         | 12345678 | A33zhanghao | Disabled |           |             |           | Edit Delete Disable |

Total 4 items < 1 > 10 / page

#### 4.3.4.1 Add portal account

1. Click Add to add an account.

Management / Portal User Account

Search Account Add Delete Reset

| <input type="checkbox"/> | Account | Password | SSID Bound  | Status   | Mac Bound | Activate At | Expire At | Operation           |
|--------------------------|---------|----------|-------------|----------|-----------|-------------|-----------|---------------------|
| <input type="checkbox"/> | user1   | 123456   | ssid 4      | Not Used |           |             |           | Edit Delete Disable |
| <input type="checkbox"/> |         | 123456   | ssid        | Not Used |           |             |           | Edit Delete Disable |
| <input type="checkbox"/> | admin   | admin    | Ap3zhang    | Not Used |           |             |           | Edit Delete Disable |
| <input type="checkbox"/> |         | 12345678 | A33zhanghao | Disabled |           |             |           | Edit Delete Disable |

Total 4 items < 1 > 10 / page

2.Fill in information. You can select the profile and SSID, and choose to add the account name and password in a single or batch.

#### Single add

1.You can select "Single Add", add the account name and password.

**Add Portal Account** (The priority setting here is higher than the setting in the authentication group)

\* Profile:

\* SSID:

\* Type: ☒ Single Add ☐ Batch Add

\* Username:

\* Password:

Online Duration:  Minutes

Max Clients:

Upload Speed(Kbps):  0 - 1700000

Download Speed(Kbps):  0 - 1700000

Traffic Limit: ☐ Enable

Cancel Confirm

## Batch add

1. You can select "Batch Add".

**Add Portal Account** (The priority setting here is higher than the setting in the authentication group)

\* Profile:

\* SSID:

\* Type: ☐ Single Add ☒ Batch Add

\* File:  Select File

Download Template

Online Duration:  Minutes

Max Clients:

Upload Speed(Kbps):  0 - 1700000

Download Speed(Kbps):  0 - 1700000

Traffic Limit: ☐ Enable

Cancel Confirm

2. then click Download template, fill in the account information to be added.

**Add Portal Account** (The priority setting here is higher than the setting in the authentication group)

\* Profile:

\* SSID:

\* Type: ☐ Single Add ☒ Batch Add

\* File:  Select File

Download Template

Online Duration:  Minutes

Max Clients:

Upload Speed(Kbps):  0 - 1700000

Download Speed(Kbps):  0 - 1700000

Traffic Limit: ☐ Enable

Cancel Confirm

## Template:

| Username | Password |
|----------|----------|
| test1    | test1    |
| test2    | test2    |

3. Then click "Select File" to upload and add.

**Add Portal Account** (The priority setting here is higher than the setting in the authentication group)

\* Profile:

\* SSID:

\* Type: ☐ Single Add ☒ Batch Add

\* File:  ↓ Select File

Online Duration:  Minutes

Max Clients:

Upload Speed(kbps):

Download Speed(kbps):

Traffic Limit: ☐ Enable

Cancel Confirm

#### 4.3.4.2 Delete portal account

You can choose to delete portal accounts in operation or delete portal accounts in batches.

**Note:** An account in use cannot be deleted.

Management / Portal User Account

Q Account Add Delete Reset

| Account                                   | Password | SSID Bound  | Status   | Mac Bound | Activate At | Expire At | Operation           |
|-------------------------------------------|----------|-------------|----------|-----------|-------------|-----------|---------------------|
| <input checked="" type="checkbox"/> user1 | 123456   | ssid 4      | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/>                  | 123456   | 555         | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/> admin            | admin    | Ap3zhang    | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/>                  | 12345678 | A33zhanghao | Disabled |           |             | -         | Edit Delete Disable |

Total 4 items < 1 > 10 / page

#### 4.3.4.3 Reset portal account

If the status of the account is expired or disabled, you can click reset and use it again.

Management / Portal User Account

Q Account Add Delete Reset

| Account                             | Password | SSID Bound  | Status   | Mac Bound | Activate At | Expire At | Operation           |
|-------------------------------------|----------|-------------|----------|-----------|-------------|-----------|---------------------|
| <input type="checkbox"/> user1      | 123456   | ssid 4      | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/>            | 123456   | 555         | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/> admin      | admin    | Ap3zhang    | Not Used |           |             | -         | Edit Delete Disable |
| <input checked="" type="checkbox"/> | 12345678 | A33zhanghao | Disabled |           |             | -         | Edit Delete Disable |

Total 4 items < 1 > 10 / page

#### 4.3.4.4 Edit portal account

You can click edit in the "Operation" column to change the username and password that you have already created.

Management/Portal User Account

Q Account Add Delete Reset

| Account                                        | Password | SSID Bound  | Status   | Mac Bound | Activate At | Expire At | Operation           |
|------------------------------------------------|----------|-------------|----------|-----------|-------------|-----------|---------------------|
| <input type="checkbox"/> user1                 | 123456   | ssid 4      | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/> [redacted]            | 123456   | 555         | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/> admin                 | admin    | Ap3zhang    | Not Used |           |             | -         | Edit Delete Disable |
| <input checked="" type="checkbox"/> [redacted] | 12345678 | A33zhanghao | Disabled |           |             | -         | Edit Delete Disable |

Total 4 items < 1 > 10 / page

#### 4.3.4.5 Disable portal account

After you disable an account in the "operation" column, the account becomes unavailable. If you want to use it again, you will need to reset your account.

**Note:** If you disable the account in use, the terminal using the account will not be able to access the WIFI network.

Management/Portal User Account

Q Account Add Delete Reset

| Account                                        | Password | SSID Bound  | Status   | Mac Bound | Activate At | Expire At | Operation           |
|------------------------------------------------|----------|-------------|----------|-----------|-------------|-----------|---------------------|
| <input type="checkbox"/> user1                 | 123456   | ssid 4      | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/> [redacted]            | 123456   | 555         | Not Used |           |             | -         | Edit Delete Disable |
| <input type="checkbox"/> admin                 | admin    | Ap3zhang    | Not Used |           |             | -         | Edit Delete Disable |
| <input checked="" type="checkbox"/> [redacted] | 12345678 | A33zhanghao | Disabled |           |             | -         | Edit Delete Disable |

Total 4 items < 1 > 10 / page

#### 4.3.5 WiFiDog Services

Navigate to Management>Portal Authentication>WiFiDog Services, Users can use their own third-party authentication servers, enter their server path and set authentication rules.

Management/WiFiDog Services

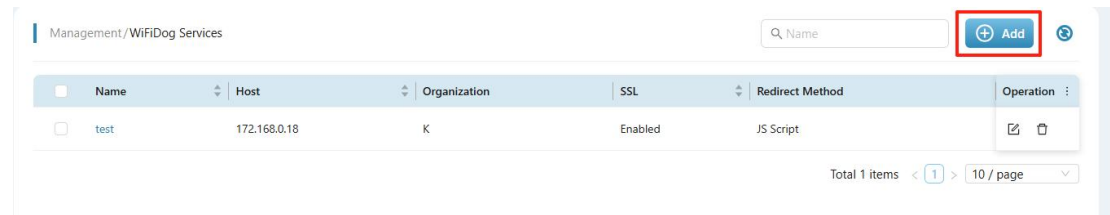
Q Name Add

| Name                          | Host         | Organization | SSL     | Redirect Method | Operation |
|-------------------------------|--------------|--------------|---------|-----------------|-----------|
| <input type="checkbox"/> test | 172.168.0.18 | K            | Enabled | JS Script       | ✎ ✕       |

Total 1 items < 1 > 10 / page

### 4.3.5.1 Add WiFiDog Service

1. Click Add to add WiFiDog Services.



2.Fill in information. Enter your own server path information.

Add WiFiDog

\* Organization: K

\* Name:

\* Host:

\* SSL: ☒ Enabled ☐ Disabled

\* Server Path ⓘ: /wifidog/

\* Login Path ⓘ:

\* Ping Path ⓘ:

\* Auth Path ⓘ:

\* Portal Path ⓘ:

\* Message Path ⓘ:

\* Redirect Method: ☒ JS Script ☐ HTTP(302)

Cancel

Confirm

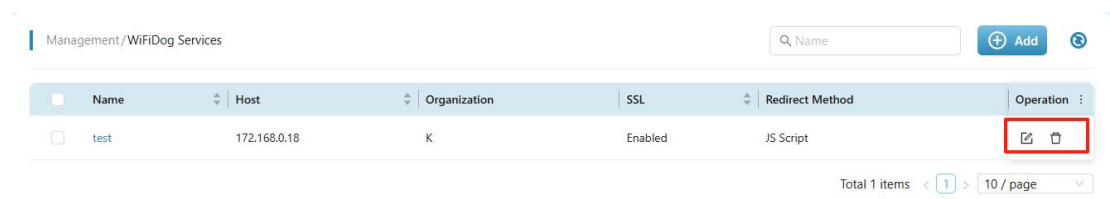
#### Parameter interpretation:

|      |                                                                                                                                                       |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name | Set a name for the WiFiDog configuration to be added for easy identification and management.                                                          |
| Host | Fill in the host address (such as domain name or IP address) of the WiFiDog server, through which the device will communicate with the server.        |
| SSL  | Secure Sockets Layer protocol. Selecting "Enabled" means enabling SSL encryption to make communication more secure; "Disabled" means not enabling it. |

|                 |                                                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Server Path     | Specify the base path of the WiFiDog server. The default in the figure is "/wifidog/".                                                                         |
| Login Path      | The server path requested when a user performs a WiFi login operation.                                                                                         |
| Ping Path       | The request path used for heartbeat detection (to confirm whether the connection is normal) between the server and the device.                                 |
| Auth Path       | The server request path for user authentication-related operations (such as verifying identity).                                                               |
| Portal Path     | The server path related to the WiFi portal page (the authentication page that users see after connecting to WiFi).                                             |
| Message Path    | The server request path used to transmit related messages (such as notifications).                                                                             |
| Redirect Method | "JS Script" means using JavaScript script for redirection; "HTTP(302)" means using HTTP 302 status code for redirection. Select a suitable redirection method. |

After configuring the server, you can select third-party authentication services from the SSID in the configuration file. For more details, please refer to section [3.1.4.1.2 Captive portal](#) in SSID configuration.

After adding the WiFiDog Service, you can choose to modify or delete it.



## 4.4 Others

### 4.4.1 Alarm settings

Navigate to Management>Others>Alarm settings, You can select the type of alarm information and push the information to the current account email or APP. When this type of alarm information is generated, the account email or APP will receive alarm notification.

Management/Alarm Settings

| Type                       | Email Notification                  | App Push                            | Other                                        |
|----------------------------|-------------------------------------|-------------------------------------|----------------------------------------------|
| CPU                        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                              |
| Memory                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                              |
| Profile Changed            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                              |
| Device Offline             | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Time ( ): <input type="text" value="3"/> Min |
| Device Online              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                              |
| Upgrade Fail               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                              |
| DHCP Conflict              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                              |
| WAN Loss                   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                              |
| Link                       | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                              |
| Device Not Verified        | <input type="checkbox"/>            | <input type="checkbox"/>            |                                              |
| Factory Restoration Starts | <input type="checkbox"/>            | <input type="checkbox"/>            |                                              |
| Factory Reset Completed    | <input type="checkbox"/>            | <input type="checkbox"/>            |                                              |
| Port Down                  | <input type="checkbox"/>            | <input type="checkbox"/>            |                                              |
| Power Off                  | <input type="checkbox"/>            | <input type="checkbox"/>            |                                              |
| Power On                   | <input type="checkbox"/>            | <input type="checkbox"/>            |                                              |

Save

## 5. Report

### 5.1 Alarm

Navigate to Report>Alarm, The alarm page records alarm logs. The device is offline, the CPU usage is too high, the memory usage is too high, the configuration changes, the upgrade fails, and the ip address conflicts are generated. The alarm list displays the alarm type, level, source, device SN, generation, resolution time, and description. After the system automatically detects alarms, you can click Ignore Alarms to ignore unsolved alarms.

Report / Alarm

Alarm Level: All Start Time → End Time Q Please input device sn Ignore Alarm One click ignore

|                          | Alarm Type     | Alarm Level | Alarm Source | SN                | Generated At        | Resolve Time        | Alarm Content                                                                                                              | Result   |
|--------------------------|----------------|-------------|--------------|-------------------|---------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------|----------|
| <input type="checkbox"/> | PortDown       | Middle      | Device       | y666668888        | 2025-09-10 10:20:34 |                     | The network port of device(test[y666668888]) was unplugged at [2025-09-09 18:19:15], and the network has been restored.    | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-09-09 18:18:47 |                     | The profile[test-profile] has been modified.                                                                               | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-09-09 14:41:05 |                     | The profile[test1] has been modified.                                                                                      | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-07-01 16:03:57 |                     | The profile[profile-switch1] has been modified.                                                                            | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-06-16 17:44:26 |                     | The profile[t] has been modified.                                                                                          | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-04-24 16:59:27 |                     | The profile[cf] has been modified.                                                                                         | Unsolved |
| <input type="checkbox"/> | DeviceOffline  | Low         | Device       | BCAMX305238000001 | 2025-03-20 16:23:01 |                     | Device(LYY)BCAMX305238000001 went offline from the cloud at[2025-03-20 08:19:13(Africa/Abidjan)].                          | Unsolved |
| <input type="checkbox"/> | PortDown       | Middle      | Device       | BCAMX305238000001 | 2025-03-20 14:00:47 |                     | The network port of device(LYY)BCAMX305238000001 was unplugged at [2025-03-19 08:40:43] and the network has been restored. | Unsolved |
| <input type="checkbox"/> | DeviceOffline  | Low         | Device       | BCAMX305238000001 | 2025-03-19 16:40:01 | 2025-03-19 16:45:01 | Device(LYY)BCAMX305238000001 went offline from the cloud at[2025-03-19 08:36:25(Africa/Abidjan)].                          | Resolved |
| <input type="checkbox"/> | DeviceOnline   | Low         | Device       | BCAMX305238000001 | 2025-03-19 16:40:29 | 2025-03-19 16:40:29 | The device(LYY)BCAMX305238000001 is back online on the cloud.                                                              | Resolved |

Total 93 items < 1 2 3 4 5 ... 10 > 10 / page

In the top right corner, you can filter the alarms generated over different time periods and filter the specified device's alarms by alarm level and device SN.

Report / Alarm

Alarm Level: All Start Time → End Time Q Please input device sn Ignore Alarm One click ignore

|                          | Alarm Type     | Alarm Level | Alarm Source | SN                | Generated At        | Resolve Time        | Alarm Content                                                                                                              | Result   |
|--------------------------|----------------|-------------|--------------|-------------------|---------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------|----------|
| <input type="checkbox"/> | PortDown       | Middle      | Device       | y666668888        | 2025-09-10 10:20:34 |                     | The network port of device(test[y666668888]) was unplugged at [2025-09-09 18:19:15], and the network has been restored.    | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-09-09 18:18:47 |                     | The profile[test-profile] has been modified.                                                                               | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-09-09 14:41:05 |                     | The profile[test1] has been modified.                                                                                      | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-07-01 16:03:57 |                     | The profile[profile-switch1] has been modified.                                                                            | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-06-16 17:44:26 |                     | The profile[t] has been modified.                                                                                          | Unsolved |
| <input type="checkbox"/> | ProfileChanged | Low         | Project      |                   | 2025-04-24 16:59:27 |                     | The profile[cf] has been modified.                                                                                         | Unsolved |
| <input type="checkbox"/> | DeviceOffline  | Low         | Device       | BCAMX305238000001 | 2025-03-20 16:23:01 |                     | Device(LYY)BCAMX305238000001 went offline from the cloud at[2025-03-20 08:19:13(Africa/Abidjan)].                          | Unsolved |
| <input type="checkbox"/> | PortDown       | Middle      | Device       | BCAMX305238000001 | 2025-03-20 14:00:47 |                     | The network port of device(LYY)BCAMX305238000001 was unplugged at [2025-03-19 08:40:43] and the network has been restored. | Unsolved |
| <input type="checkbox"/> | DeviceOffline  | Low         | Device       | BCAMX305238000001 | 2025-03-19 16:40:01 | 2025-03-19 16:45:01 | Device(LYY)BCAMX305238000001 went offline from the cloud at[2025-03-19 08:36:25(Africa/Abidjan)].                          | Resolved |
| <input type="checkbox"/> | DeviceOnline   | Low         | Device       | BCAMX305238000001 | 2025-03-19 16:40:29 | 2025-03-19 16:40:29 | The device(LYY)BCAMX305238000001 is back online on the cloud.                                                              | Resolved |

Total 93 items < 1 2 3 4 5 ... 10 > 10 / page

### 5.2 Operation log

Navigate to Report>Operation log, Operation logs record all operations that cause data changes, such as user login, operating devices, adding, deleting, editing, and sending configurations, and their results.

Report / Operation log

| User               | IP          | Operation type | Description                      | Result    | Time                |
|--------------------|-------------|----------------|----------------------------------|-----------|---------------------|
| youremail@test.com | 192.168.0.3 | Login          | user login                       | Succeeded | 2024-05-08 19:38:19 |
| youremail@test.com |             | Login          | user login                       | Succeeded | 2024-05-08 11:35:02 |
| youremail@test.com |             | Profile        | disable local login account      | Succeeded | 2024-05-08 10:38:15 |
| youremail@test.com |             | Profile        | edit local login account [test1] | Succeeded | 2024-05-08 10:13:08 |
| youremail@test.com |             | Profile        | del local login accounts         | Succeeded | 2024-05-08 10:11:10 |
| youremail@test.com |             | Profile        | del local login accounts         | Succeeded | 2024-05-08 10:10:56 |
| youremail@test.com |             | Profile        | batch add local login account    | Succeeded | 2024-05-08 10:10:41 |
| youremail@test.com |             | Profile        | batch add local login account    | Failed    | 2024-05-08 10:10:24 |
| youremail@test.com |             | Profile        | del local login accounts         | Succeeded | 2024-05-08 10:03:05 |
| youremail@test.com |             | Profile        | disable local login account      | Succeeded | 2024-05-08 10:02:59 |

Total 738 items < 1 2 3 4 5 ... 74 >

## 5.3 Upgrade log

Navigate to Report>Upgrade log,Each time a device upgrade is executed, the status of the upgrade is logged. Through the logs, it is easier to determine whether the device upgrade was successful.

The list shows the user, version before and after the upgrade, upgrade task status, creation time, update time, task start time, upgrade status, device SN, and upgrade failure cause.

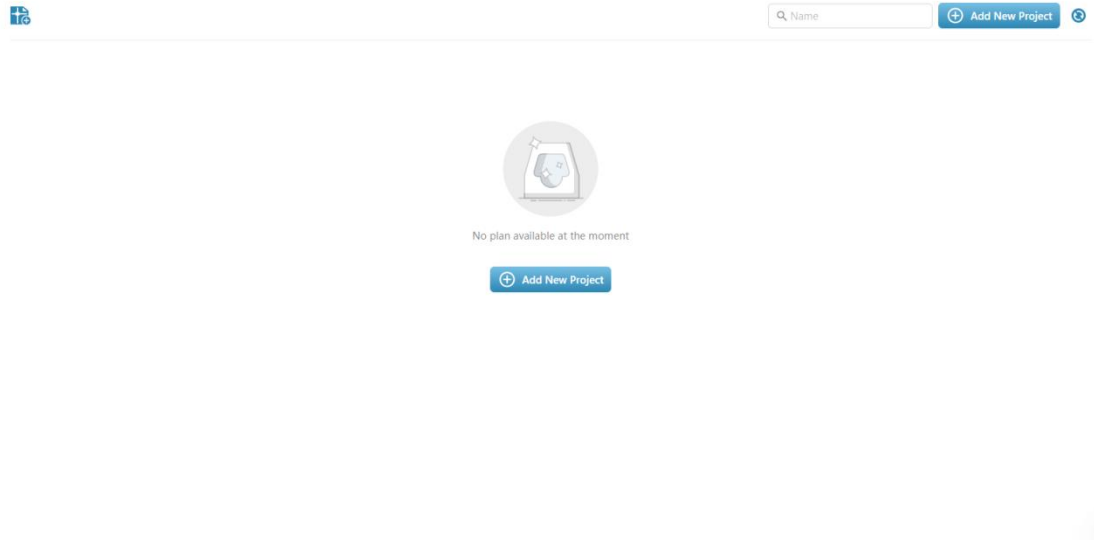
Report / Upgrade log

| User               | Target version | Original version | Task status | Creation time       | Update time         | Start time          | Upgrade status     | SN            | Failure reason     |
|--------------------|----------------|------------------|-------------|---------------------|---------------------|---------------------|--------------------|---------------|--------------------|
| youremail@test.com | 1.07.09        | 1.07.08          | Finish      | 2024-07-09 16:50:14 | 2024-07-09 16:55:01 | 2024-07-09 16:50:19 | Upgrade successful | JX2AMO1234567 |                    |
| youremail@test.com | 1.07.08        | 1.01.31          | Finish      | 2024-07-09 14:43:18 | 2024-07-09 14:47:01 | 2024-07-09 14:43:23 | Upgrade successful | JX2AMO1234567 |                    |
| youremail@test.com | 1.07.08        | 1.01.31          | Finish      | 2024-07-09 14:29:36 | 2024-07-09 14:37:01 | 2024-07-09 14:29:41 | Upgrade successful | JX2AMO1234567 |                    |
| youremail@test.com | 1.07.08        | 1.01.31          | Finish      | 2024-07-09 14:07:51 | 2024-07-09 14:12:02 | 2024-07-09 14:07:56 | Upgrade successful | JX2AMO1234567 |                    |
| youremail@test.com | 1.07.08        | 1.01.31          | Failed      | 2024-07-09 11:41:30 | 2024-07-09 12:12:01 | 2024-07-09 11:41:35 | Download completed | JX2AMO1234567 | time out.          |
| youremail@test.com | 1.07.08        | 1.01.31          | Failed      | 2024-07-09 11:34:41 | 2024-07-09 11:34:53 | 2024-07-09 11:34:47 | Download failed    | JX2AMO1234567 | download file fail |
| youremail@test.com | 1.07.08        | 1.01.31          | Finish      | 2024-07-09 11:07:07 | 2024-07-09 11:11:02 | 2024-07-09 11:07:12 | Upgrade successful | JX2AMO1234567 |                    |
| youremail@test.com | 1.07.08        | 1.01.31          | Finish      | 2024-07-08 18:53:21 | 2024-07-08 18:57:02 | 2024-07-08 18:53:26 | Upgrade successful | JX2AMO1234567 |                    |
| youremail@test.com | 1.07.08        | 1.01.31          | Finish      | 2024-07-08 18:37:21 | 2024-07-08 18:41:01 | 2024-07-08 18:37:27 | Upgrade successful | JX2AMO1234567 |                    |
| youremail@test.com | 1.07.08        | 1.01.31          | Finish      | 2024-07-08 17:49:20 | 2024-07-08 17:53:02 | 2024-07-08 17:49:25 | Upgrade successful | JX2AMO1234567 |                    |

Total 278 items < 1 2 3 4 5 6 ... 28 > 10 / page

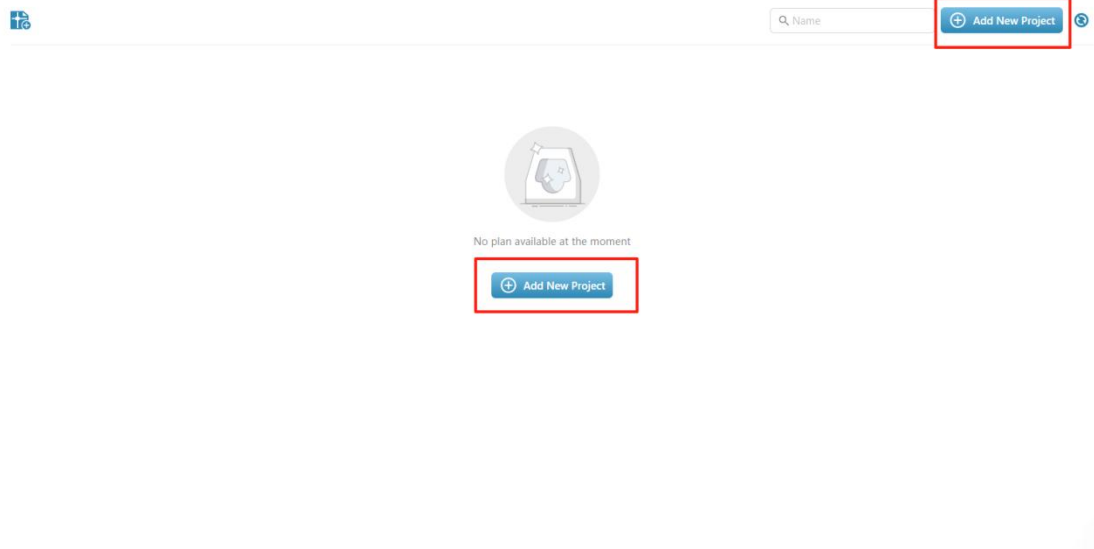
## 6. Heat Map

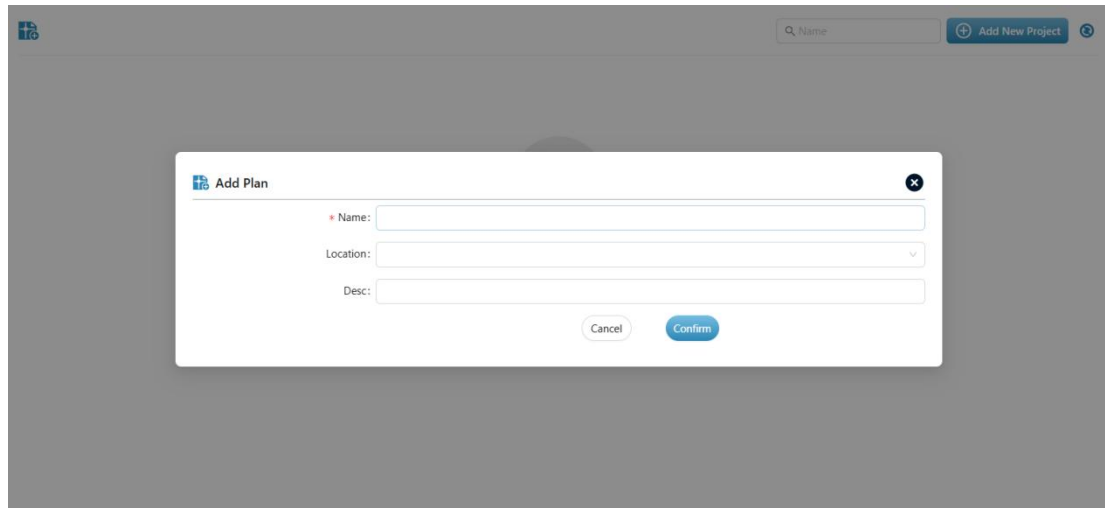
The AI heat map supports uploading the house type map and house area, simulating the deployment of devices, and viewing the signal strength distribution of devices. Support AI recognition and layout drawing.



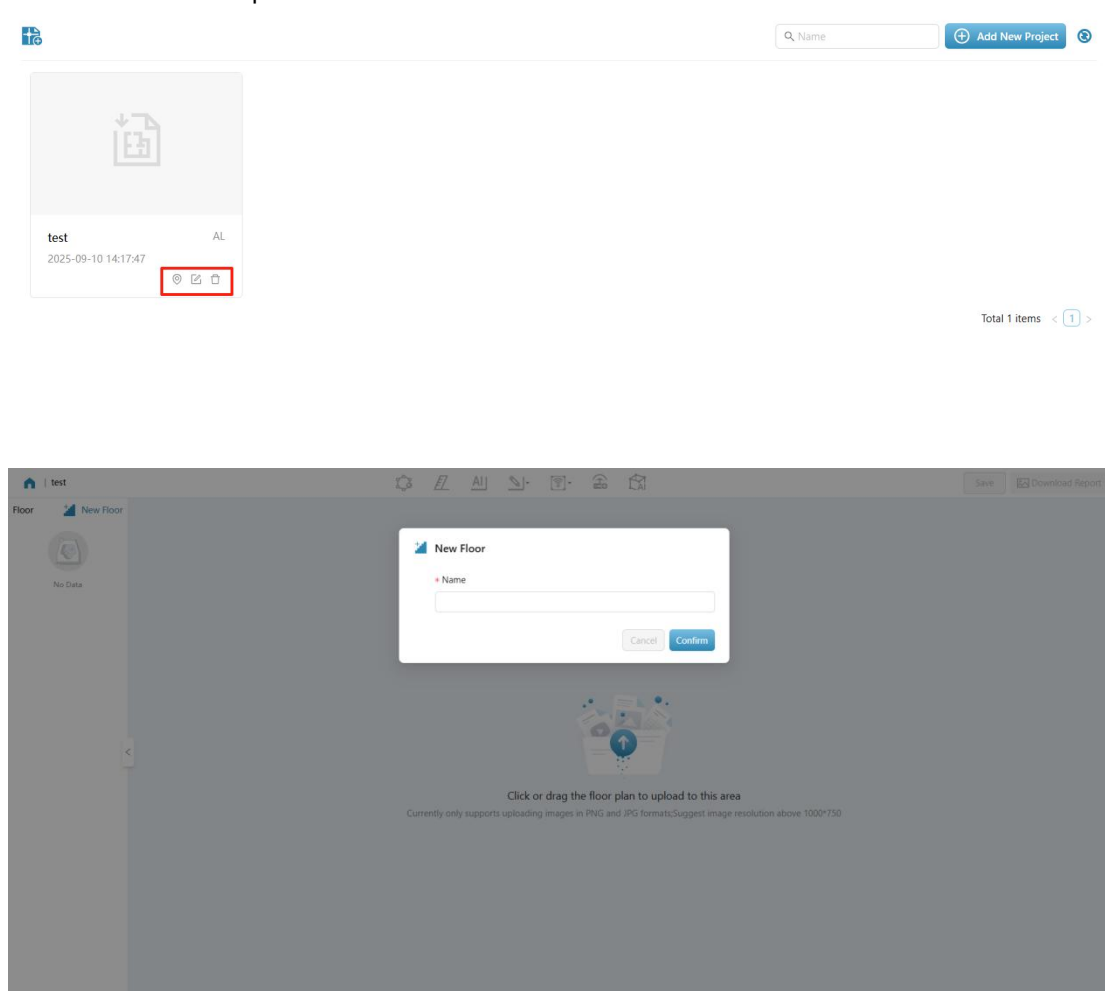
### Operation procedure:

1. Create project plan. Fill in the plan name, location and description information.

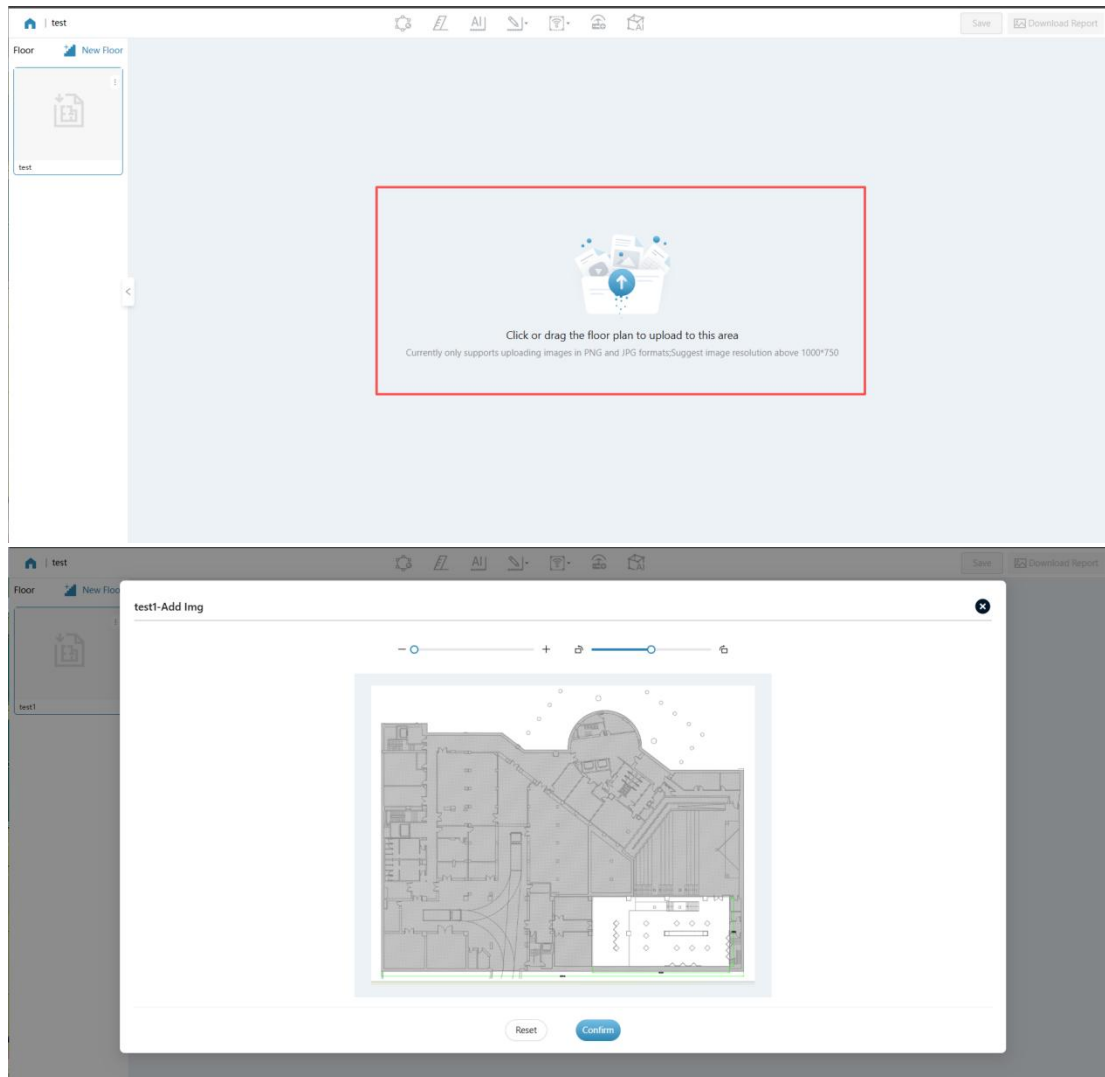




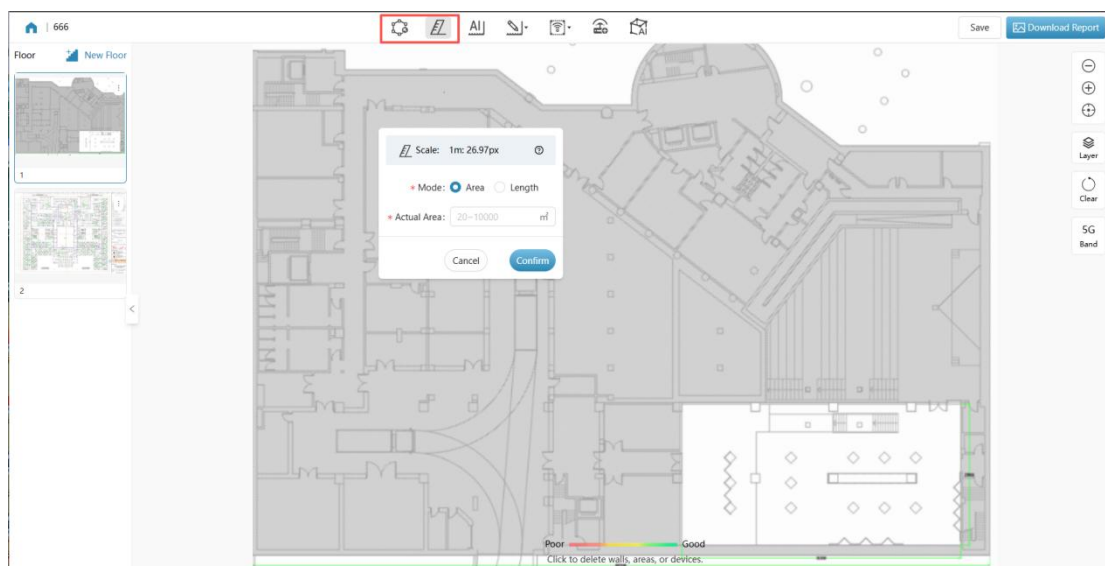
2. Click to edit the plan and create floor.

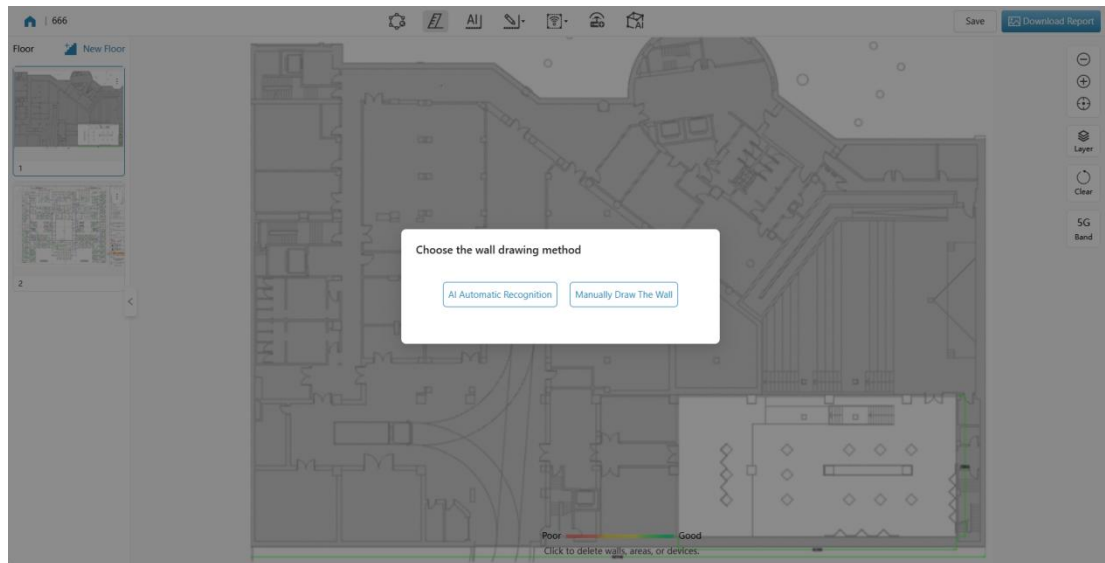


3. Click to upload the floor plan and adjust the dimensions and orientation, etc.



4. You can set the effective area and set the size, choosing to draw manually or to use AI to recognise the walls.



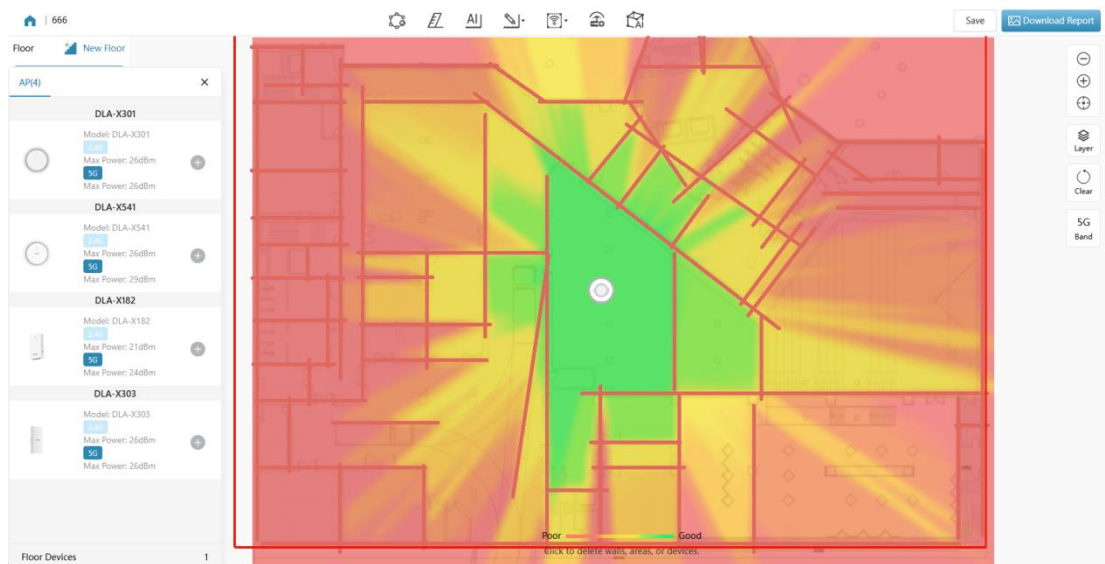


5. Then you can choose to add or remove walls and to draw areas where devices are allowed or prohibited to be placed.

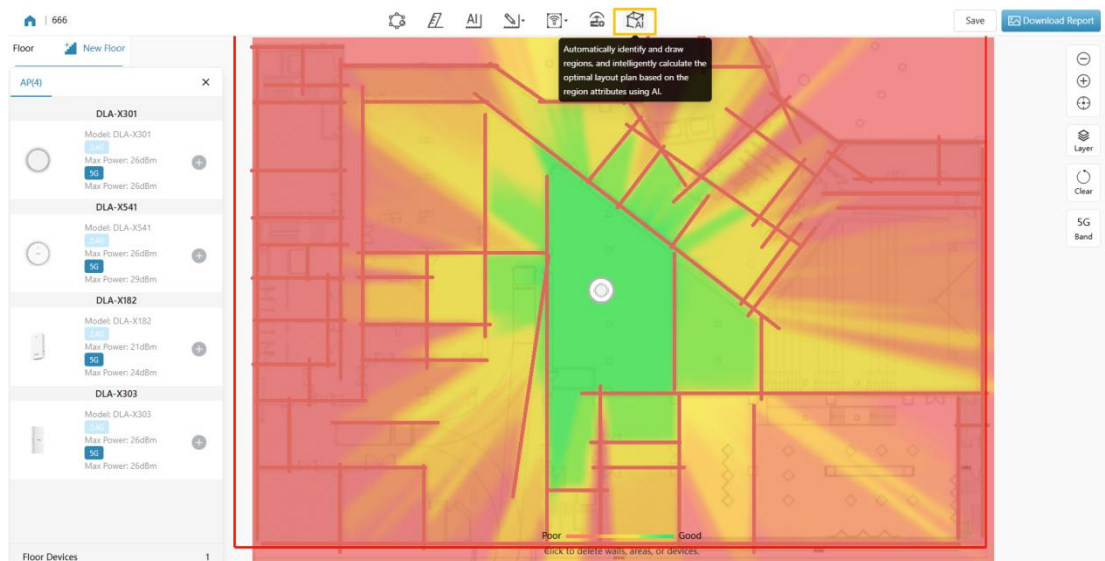


6. Device placement settings:

- ① You can choose to manually place the device, and after placing it, a heat map simulating signal effects will be generated.



② You can also choose AI to automatically identify the placement device.





7. You can choose whether to turn off heat map imaging, hide walls, and disable placement area display, or view the signal coverage strength across different frequency bands.



8. Supports screen auto-adjustment and zooming, with one-click clear and restore functions.

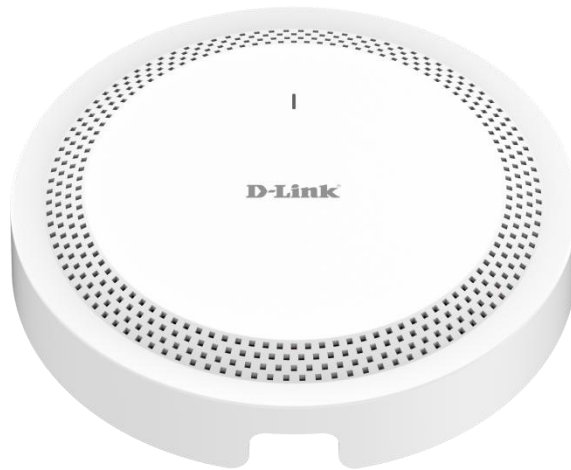


9. Once you have set up your desired plan, click save to export and view the report.



## Cloud-Supported Devices

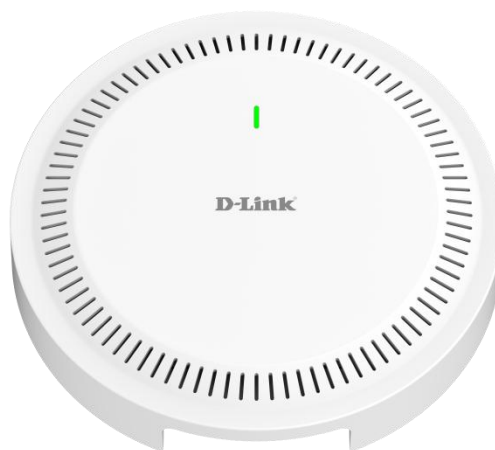
### Access Points



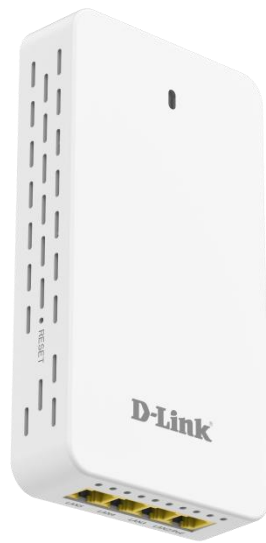
DLA-X301



DLA-X303



DLA-X541



DLA-X182



DLA-BE36/DLA-BE96

Also supported:

DLA-BE191

DLA-BE36W

DLA-BE36OU

## Switches



[DLS-F1100-26PSD-SI](#)

Also supported:

[DGS-F1100-10SPD](#)

[DMS-F1100-10XPD](#)

[DGS-F1100-18PSD-SI](#)

[DGS-F1100-26PSD-SI](#)