

ACN

AurCore Network Platform User Manual

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1. Introduction

1.1. Writing purpose

The purpose of this user manual is to help users understand ACN and learn how to operate the ACN system.

The target readers of this user manual are network operation and maintenance personnel who use the system;

2. Platform Overview

2.1. Platform Introduction

ACN is an offline network operation and maintenance management platform that runs on the computer side. It has functions such as device management, topology visualization, device alarm, fault analysis, device positioning, etc. It does not require a network connection and data is saved on the local PC side. It is suitable for application scenarios with high data security requirements and no need for cloud deployment.

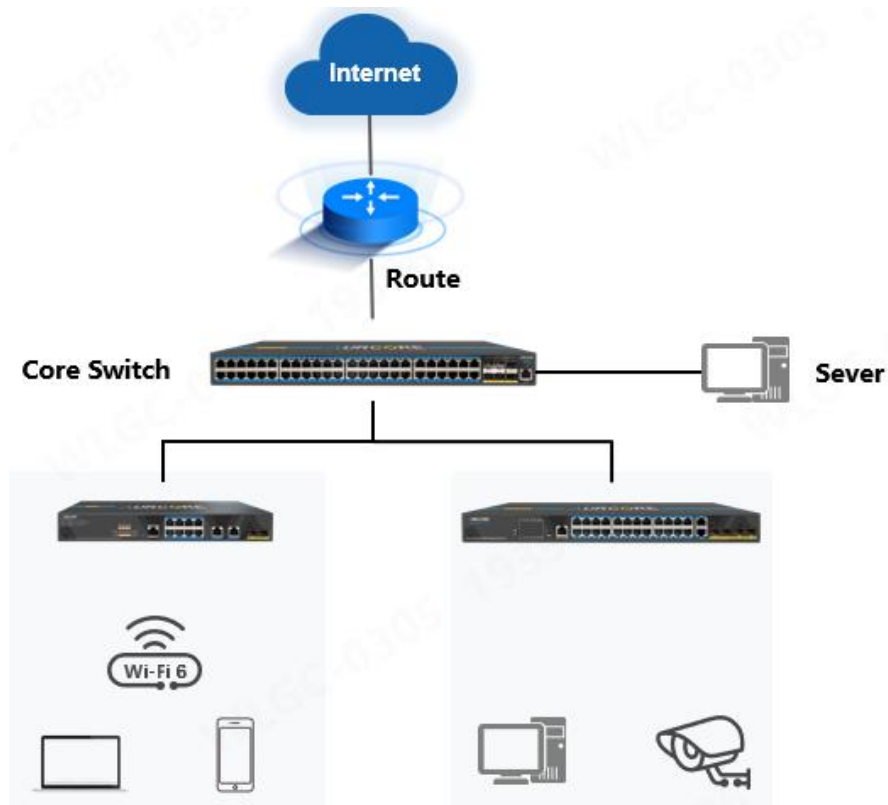
2.2. Software Operating Environment

Client: PC, requires installation of Windows 7 or higher system

Browser: It is recommended to use the latest Google Chrome browser

2.3. Network Configuration

The Network configuration of the ACN management platform is shown in the following figure.

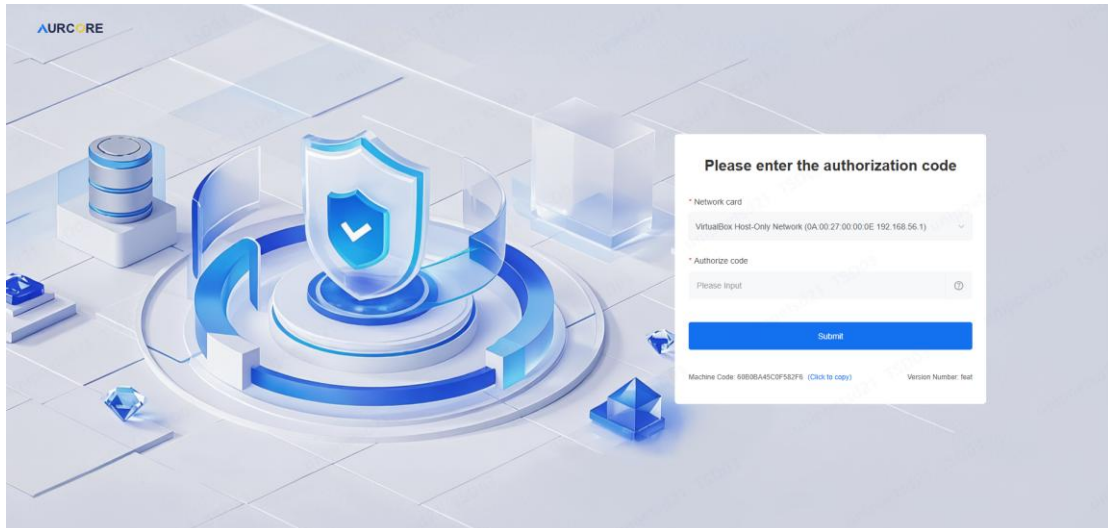


- ① The switch needs to burn AURCORE cloud management software.
- ② The switch IP should be kept in the same network segment as the PC IP.
- ③ In the web page of the switch, it is necessary to add the IP address of the PC and select port number 80 in the server column of the MQTT interface.

3. User Login

3.1. First login to ACN

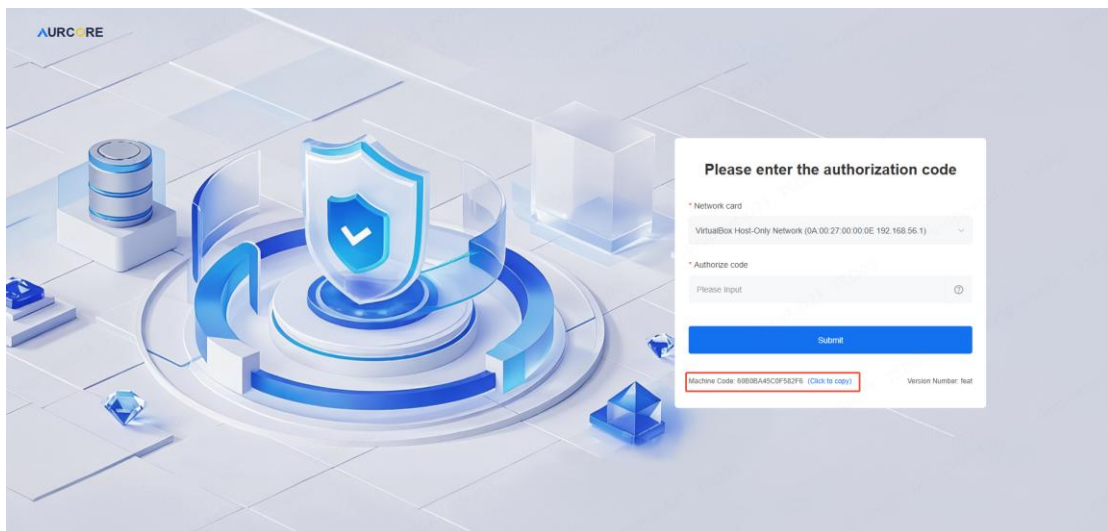
Double click  `acn.exe` to open the application and enter the authorization interface.



Double clicking on the application will automatically open the browser and display the authorization interface. If the interface is not displayed, please manually open the browser and enter the IP address of the PC in the search bar.

3.2. Obtain Authorization Code

Before entering the authorization code, users need to copy the machine code below the login bar and provide it to AURCORE for authorization. After authorization, users can enter the authorization code and click login to successfully enter the homepage.



Attention: The authorization code is bound to the network card. If the network card is replaced, it must be re authorized;

3.3. Password Setting

After the first login, the user needs to set a login password.

Password setting rules:8-16 characters, including letters, numbers, and special characters.

After setting the password, users can enter the password login interface.

Initialize Password

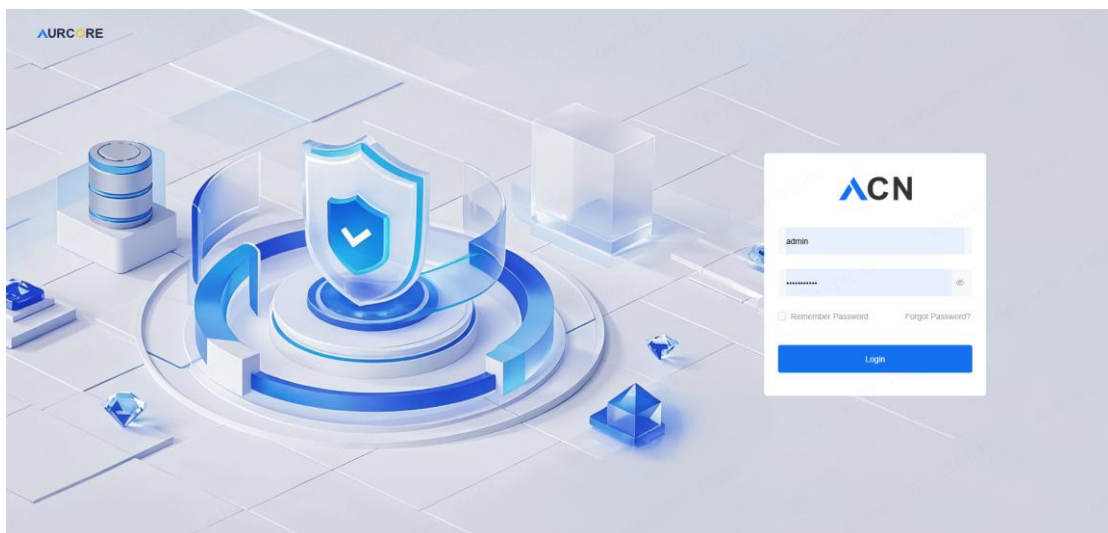
Super Administrator

* Password
8-16 characters, including letters, numbers, and special characters.

* Confirm Password

3.4. Login

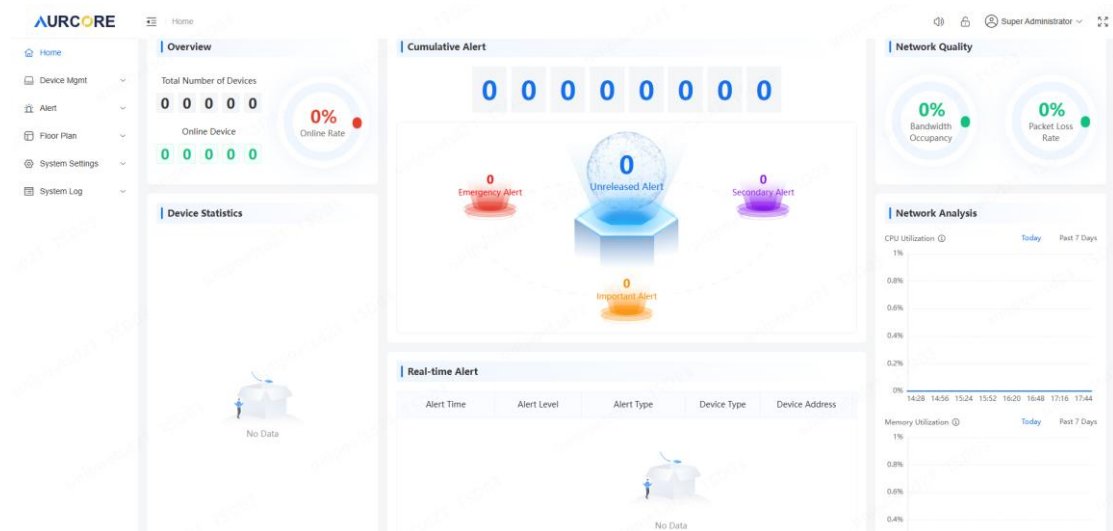
Password Login: Enter the registered account and password, click the login button.



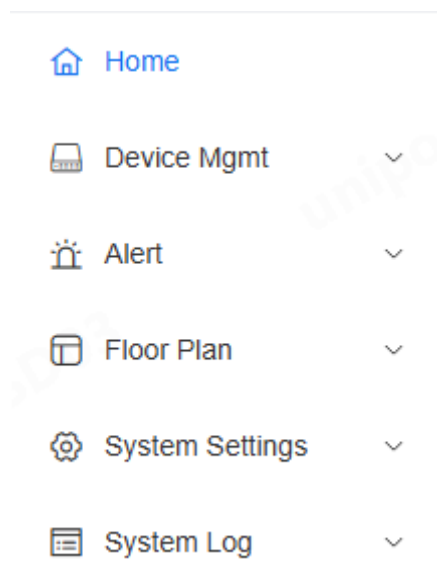
4. Feature Introduction

4.1. Home Page

After successful login, it defaults to the homepage interface.



The main functions include: device Mgmt, Alert Mgmt, Floor Plan, system Settings, and system log.

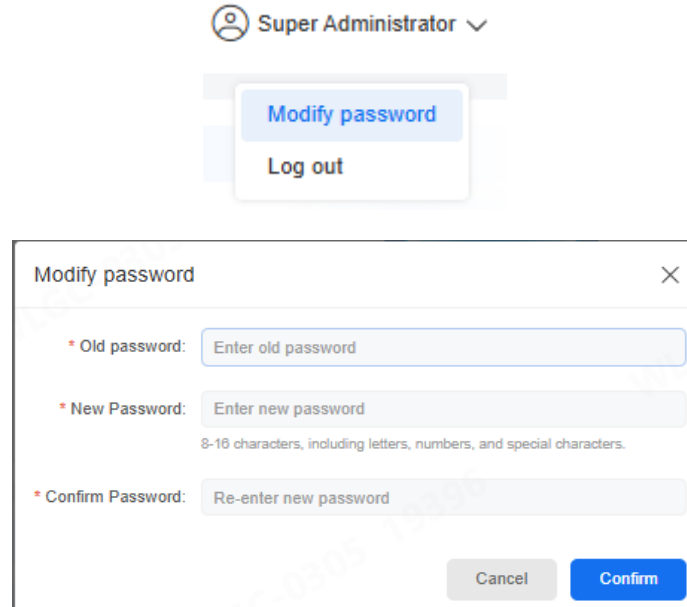


4.1.1. Top Navigation Bar

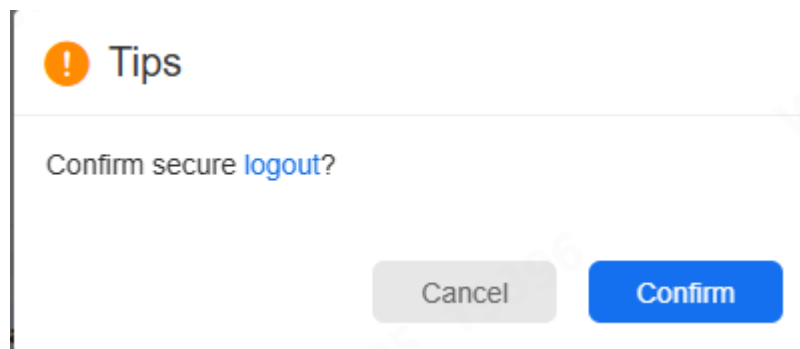
Click the  | Home to collapse/expand the menu bar.

Modify Password: Click on 'Modify Password' to enter the password


modification interface. After successfully changing the password, the system will log out and the user needs to log in again with a new password to enter the system




Logout: Click to log out and return to the login interface.

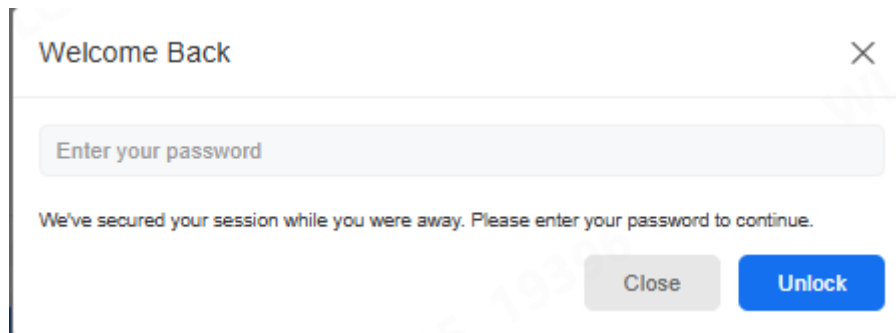


System unlock/lock


 System unlock: Default unlocked state, users can perform operations such as changing functions and saving configurations

 System lock: If the user does not operate for more than 10 minutes, the system will automatically lock. After locking, the user can view the system, but cannot change its functions.

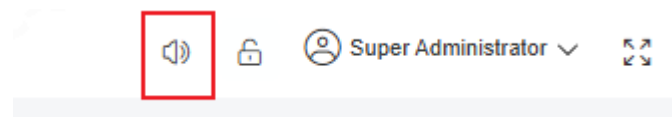
After locking, users need to enter their account password to unlock.





Full - screen display

Click the  , shrink the left menu bar, and display the current interface in full screen.

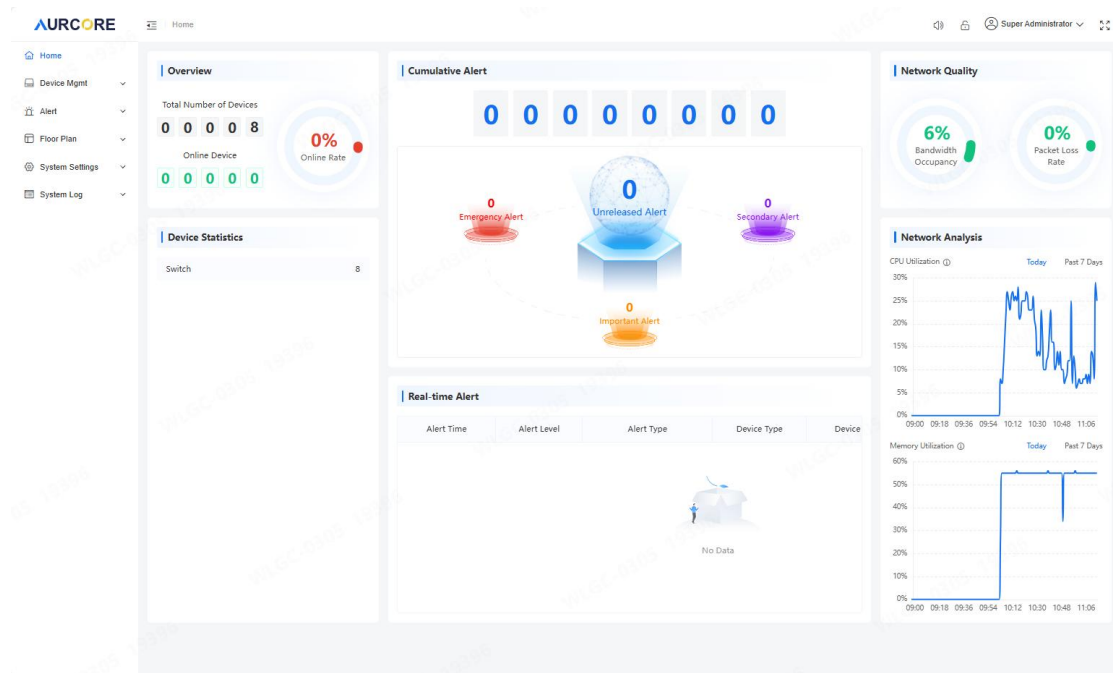
Alarm prompt tone



-  When it is turned on, triggering an alarm will produce a prompt tone.
-  Click to turn off the prompt tone.

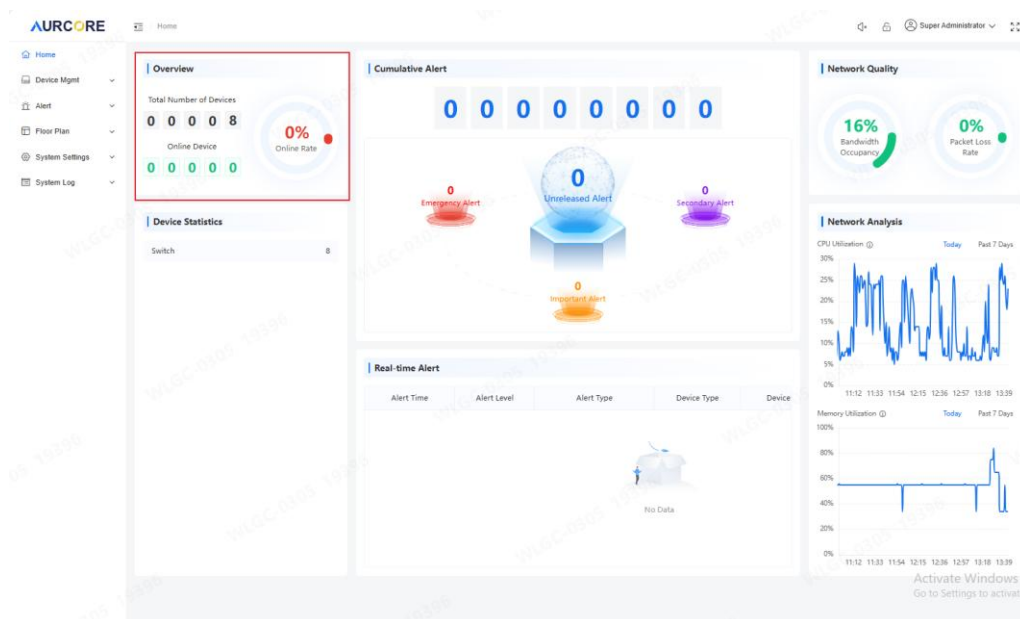
4.1.2. Home

The homepage interface displays all status information of the entire network.



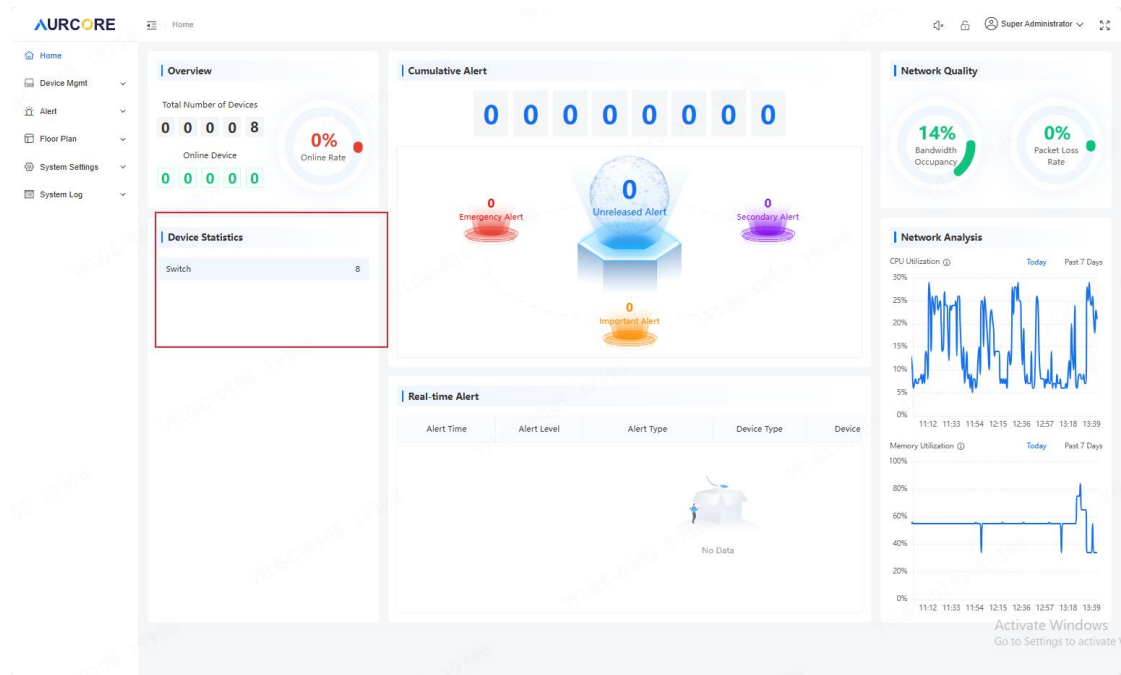
Overview

Display Total Number of Devices and Online Device and Online Rate



Device Statistics

Display all device types and quantities in the network, click on this area to jump to the device list.



Cumulative Alert

Display the number of all unresolved alert;

Classify and display unresolved alert: emergency alert, important alert, secondary alert. Click to jump to the alert list.



4.1.3. Real-time Alert

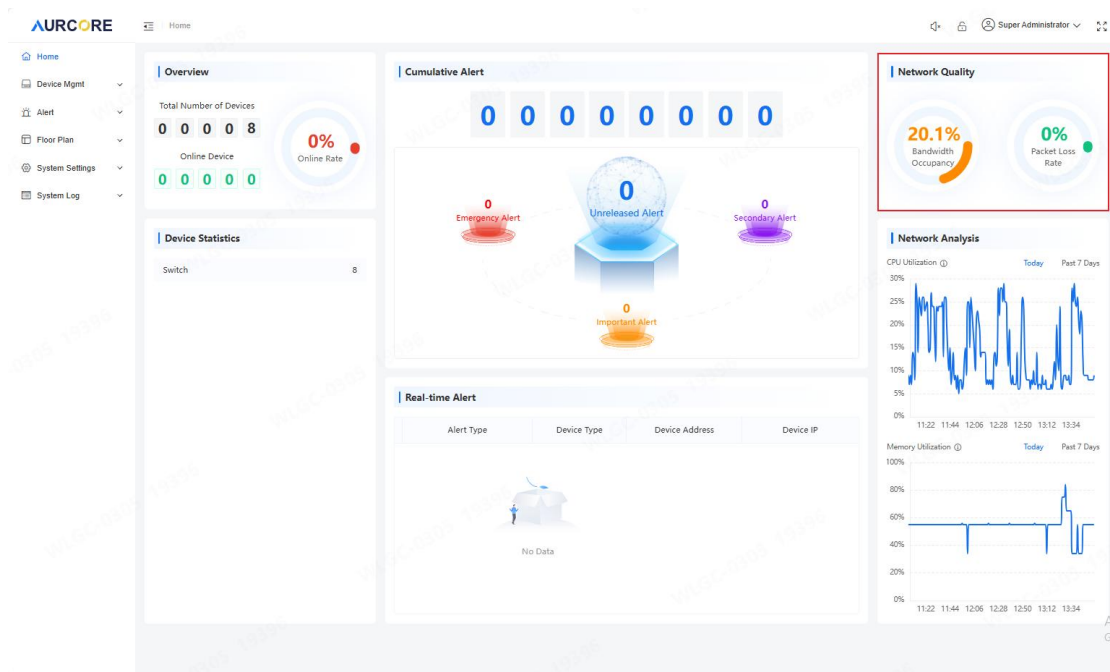
Real time display of the latest unresolved alerts, with priority given to displaying

alert order: emergency alert, important alert, secondary alert.



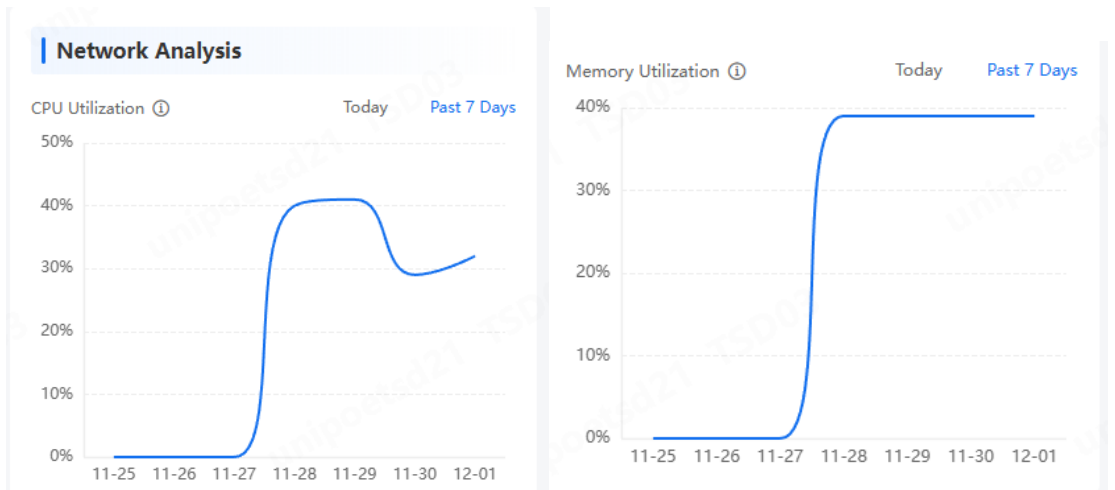
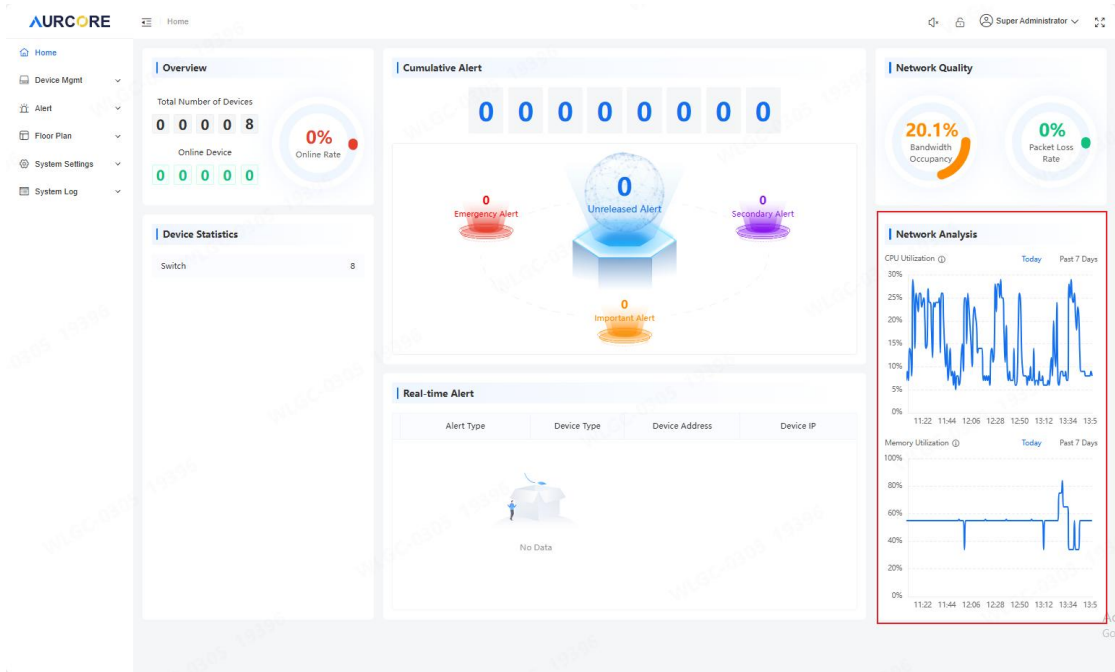
Network Quality

Display bandwidth utilization and packet loss rate.

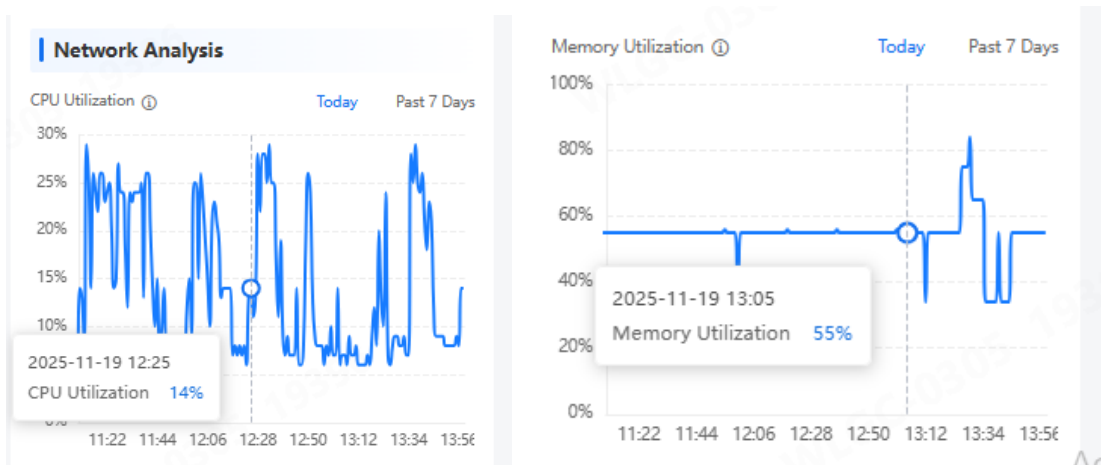


Network Analysis

Real time display of CPU utilization and memory usage of all devices in the network, with the longest display of data from the past seven days.



Moving the mouse over the chart will display specific information.

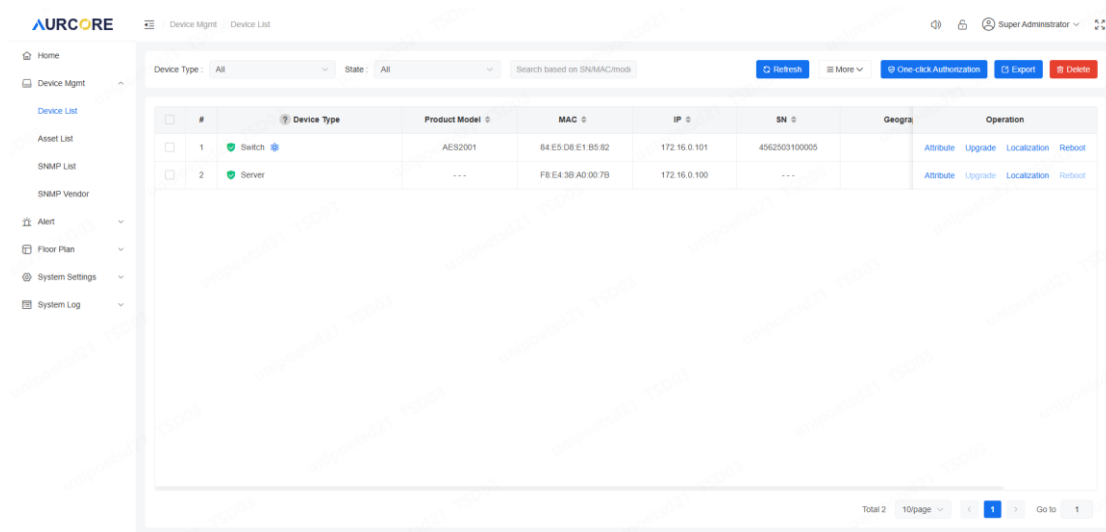


4.2. Device Mgmt

4.2.1. Device List

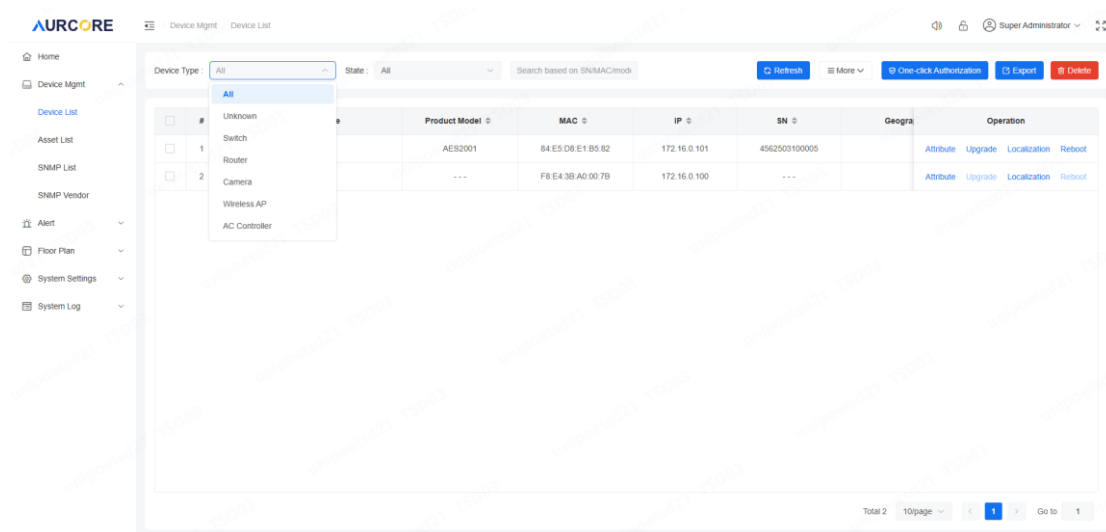
Device list display sorting: Core switch --- Server ----- Core router --- Operation and maintenance switch --- SNMP switch --- Virtual switch --- Router --- AC controller ---- Wireless AP ---- IP camera --- Terminal --- Unknown

Device list page displays device information: including device type, icon, model, MAC, IP, device attributes, ports, and other information.

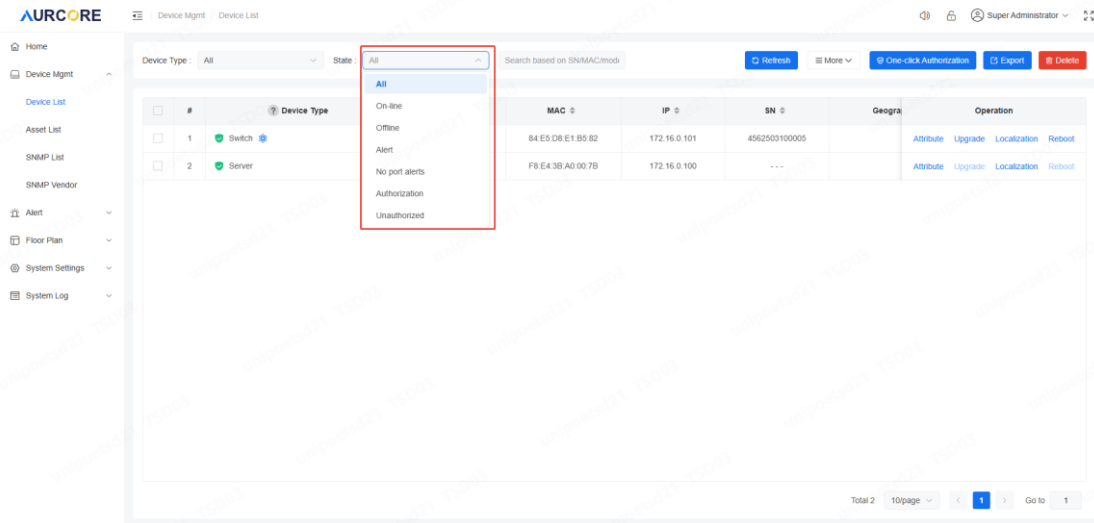


(1) View and search device information by category

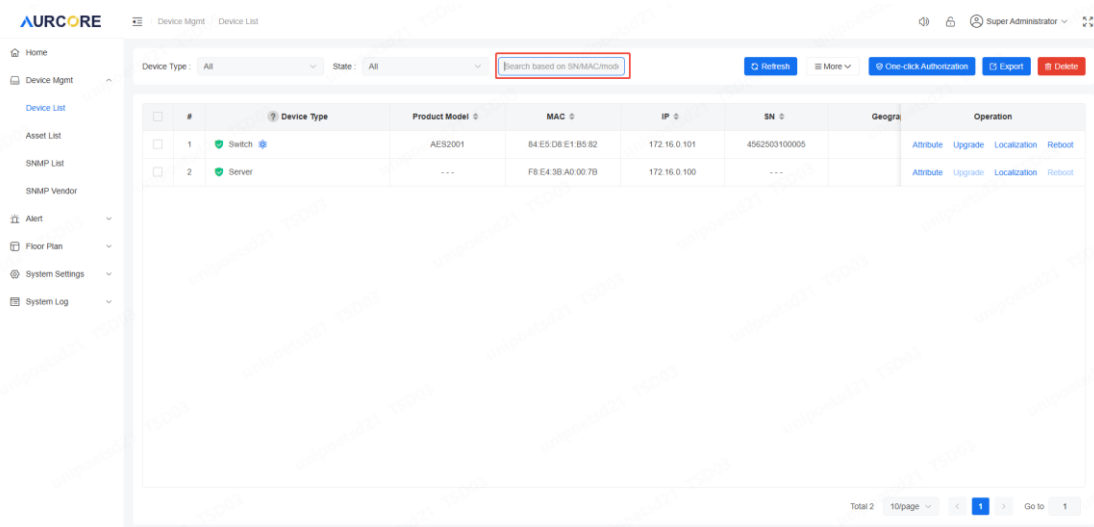
Information can be displayed according to device type and device status



Information can be displayed according to device status

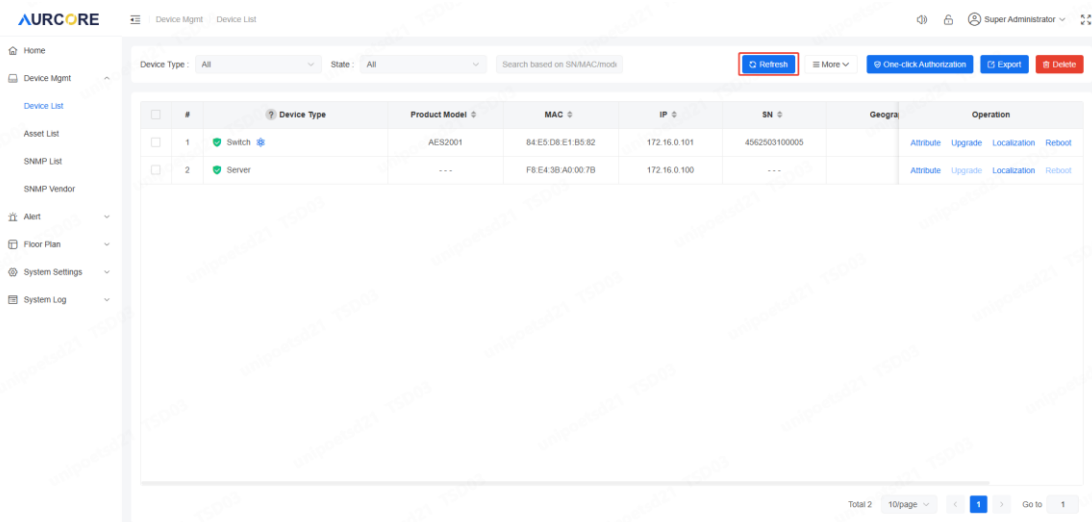


Enter MAC/SN to search and display



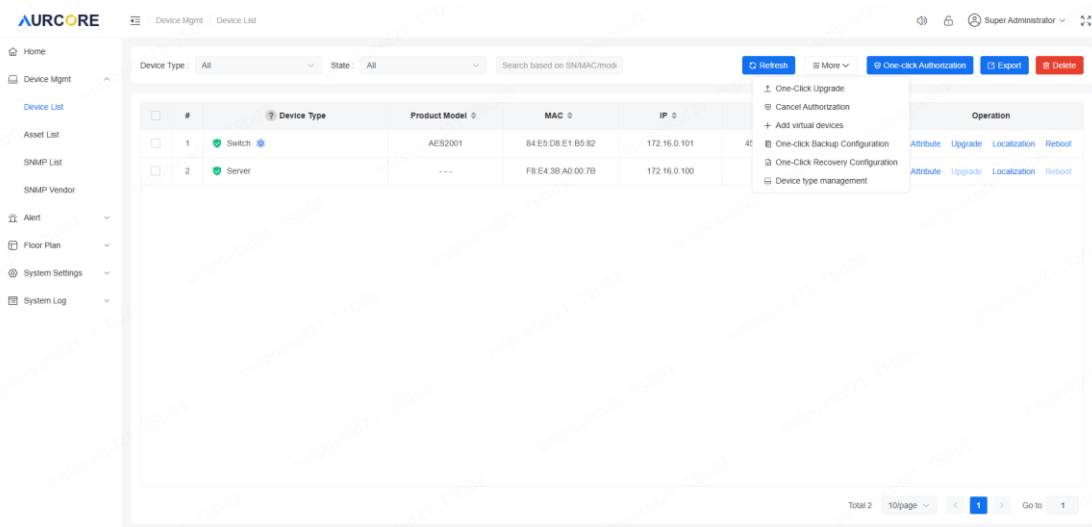
(2) Refresh the device

Click the button to refresh the device list



(3) More Operations

Click more, users can perform operations such as upgrading, authorizing, restarting, and saving configurations for the device.



One-Click Upgrade:

After selecting the device that needs to be upgraded, users can click on the one click upgrade button to obtain the firmware of the corresponding device locally for upgrading; Only supports upgrading switches.

One-Click Upgrade



* Select File

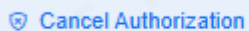
Please Select a File

Cancel



Confirm

Note: One click upgrade can only upgrade online devices, offline devices cannot use the upgrade function.

Cancel Authorization:

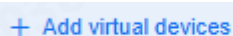


After selecting the device, click on 'Cancel Authorization' to change the device from authorized to unauthorized status.

Cancel authorization for online devices: The device will change from authorized green  to unauthorized yellow.  If the device goes back online, it will automatically trigger an illegal device access alarm;

Cancel authorization for offline devices: The device list will automatically delete the device, and the device information will not appear in the network topology diagram;

Add virtual devices:



Click on add virtual device to enter the virtual device information filling interface.

Enter device information, select the upstream device and port that the device is actually connected to, and you can add a virtual device. After successful addition, the device will be displayed in the device list and top image

Add Virtual Device ✕

* Virtual Device Model

* Virtual Device SN

* Virtual Device Ownership

* Manufacturer

* UpstreamDevice [Please select uplink Device](#)

* Upstream Device Port

Note: This feature is developed specifically for devices without IP that cannot be displayed in the top image. After manually adding virtual devices, the top image can fully display the device network architecture.

One-click Backup Configuration

[One-click Backup Configuration](#)

Select the device that needs to be backed up, enter the name of the backup document to back up the configuration locally; Suggested file name is product model+date combination

Configuration Backup



* File Naming

Please enter the backup file name

Cancel

Confirm

Note: If no device is selected, all switch configurations will be backed up by default

Currently, only backup switch configuration documents are supported.

One-Click Recovery Configuration:

 [One-Click Recovery Configuration](#)

Select the device, click on the document to restore the configuration, and confirm to restore the device configuration.

Recovery Configuration



* Select Configuration File

Please select the configuratio... 


Cancel

Confirm

Note: If no device is selected, all switch configurations will be restored by default

Currently only supports restoring switch configuration documents.

Device type management:

 [Device type management](#)

Users can view, modify, and add device types or device icons. When adding icons, they need to upload three types of icons: online, offline, and alert.

Device Type : + Add Import Export

#	Device Type	Device Icon	Operation
1	Unknown		Modify Restore
2	Switch		Modify Restore
3	Router		Modify Restore
4	Camera		Modify Restore
5	Wireless AP		Modify Restore
6	AC Controller		Modify Restore
7	Computer		Modify Restore
8	Tablet PC		Modify Restore
9	Printer		Modify Restore

Add an icon, click the Add button to select a local file for upload

Device type management ×

Device Type : + Add Import Export

#	Device Type	Device Icon	Operation
1	Unknown		Modify Restore
2	Switch		Modify Restore
3	Router		Modify Restore
4	Camera		Modify Restore
5	Wireless AP		Modify Restore
6	AC Controller		Modify Restore
7	Computer		Modify Restore
8	Tablet PC		Modify Restore
9	Printer		Modify Restore

Add Device Icon



* Device Name

Please enter the device name

* Online Icon



Drag the file into it, or *tap to upload*

Supports PNG and JPG formats, with a size not exceeding 3M

* Offline Icon



Drag the file into it, or *tap to upload*

Supports PNG and JPG formats, with a size not exceeding 3M

* Alert Icon





Drag the file into it, or *tap to upload*

Supports PNG and JPG formats, with a size not exceeding 3M

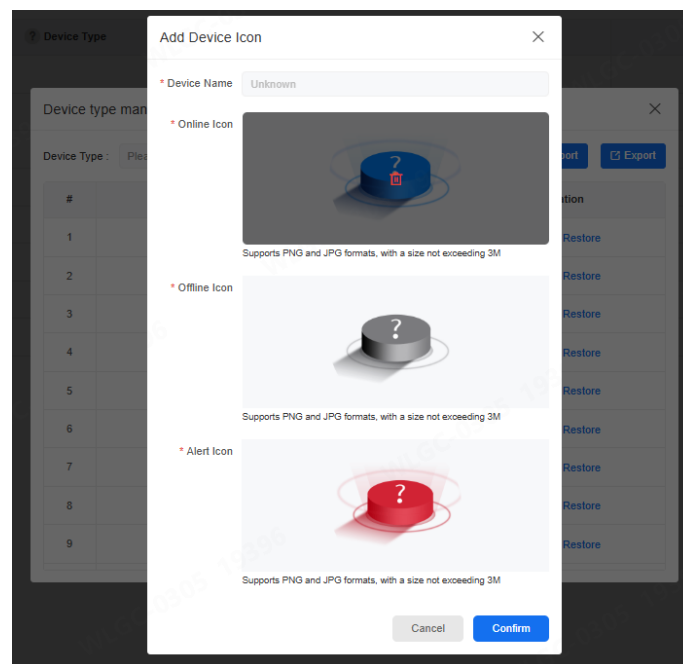
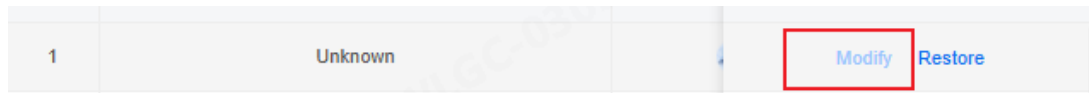
Cancel

Confirm

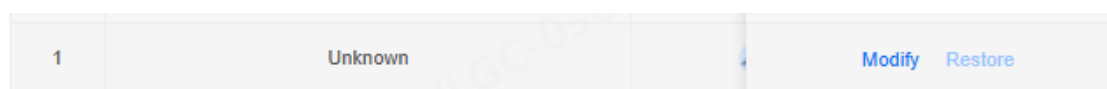
Import the icon, click  **Import** to select a local file

Click , and the system will automatically export all current device type icons.

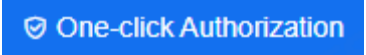
Modify the icon: after clicking "Modify", delete an icon and then select a local file.

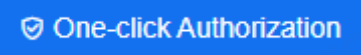


Reset to restore the original icon



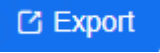
(4) One-click Authorization

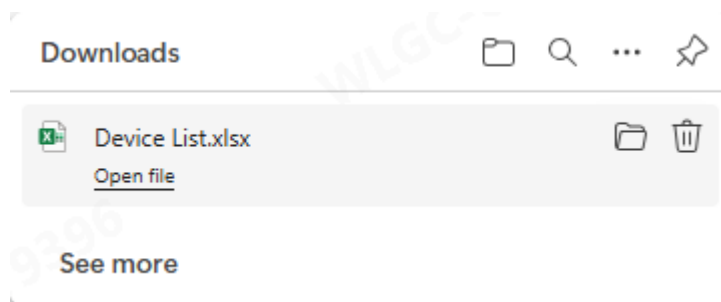
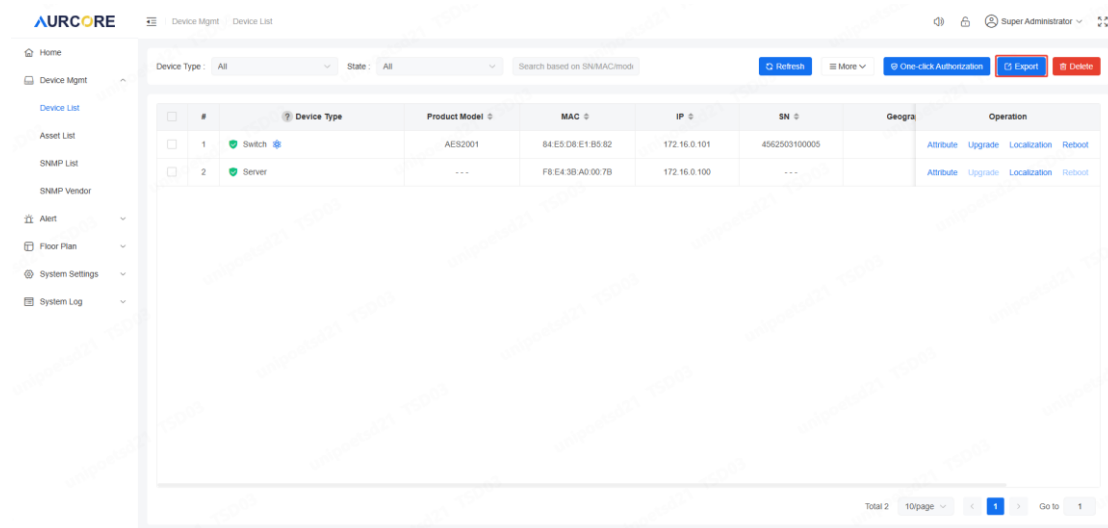
Click  for devices that have not been selected, and the system will authorize all unauthorized devices.

Select unauthorized devices and click . The system will authorize the selected unauthorized devices.

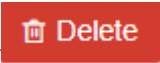
Note: If an unauthorized device triggers an illegal access alarm when accessing, the system will automatically clear the alarm after authorization.

(5) Export device list

Click , the system will export all device information in the device list to the local in a table format, including offline device and alarm device information.

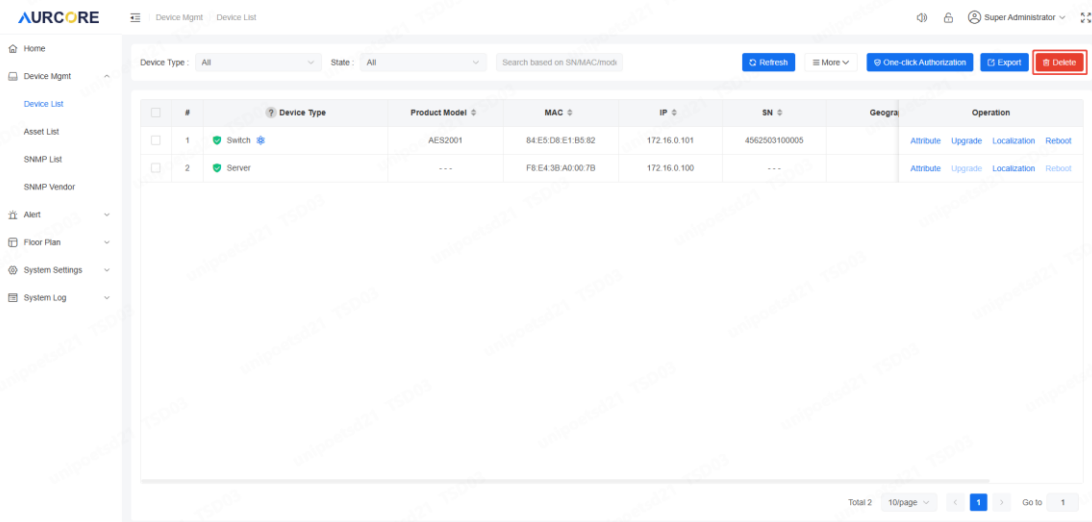


(6) Delete device


Select the device, click  button, the system will delete the device from the device list

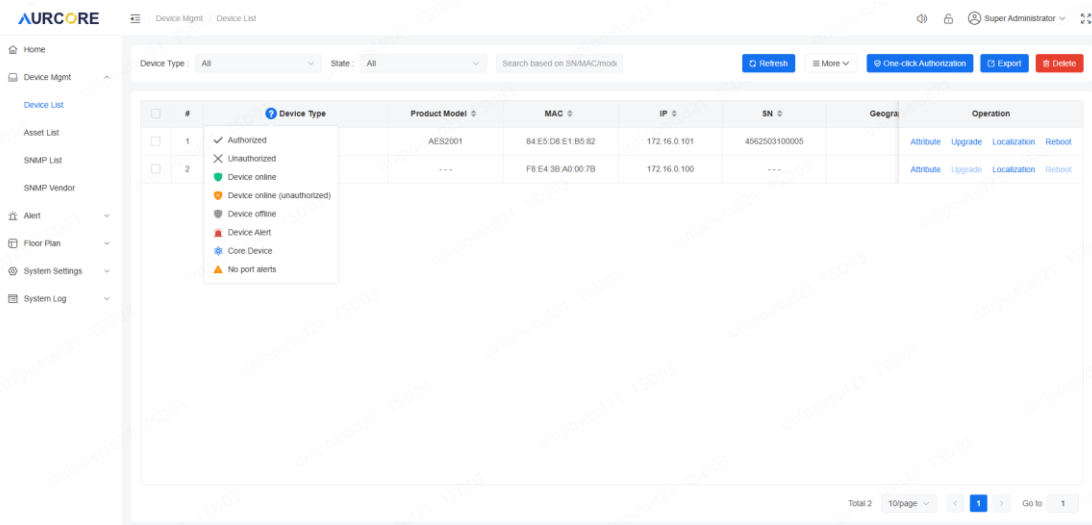
Note: Authorized and online devices cannot be deleted

After an unauthorized device goes offline, the system will automatically delete the device.



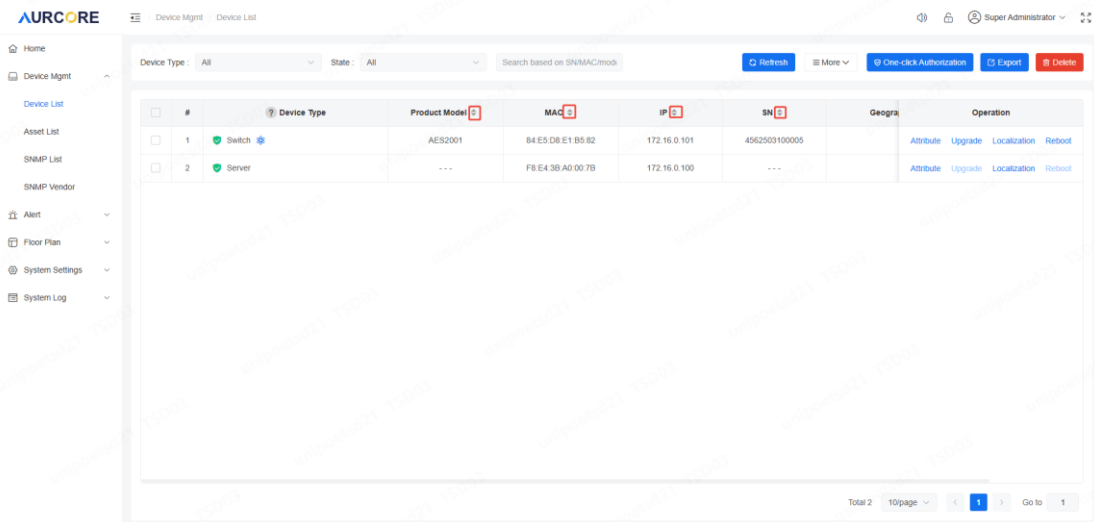
(7) Device List

Move the mouse to  and display icon information for different device states.



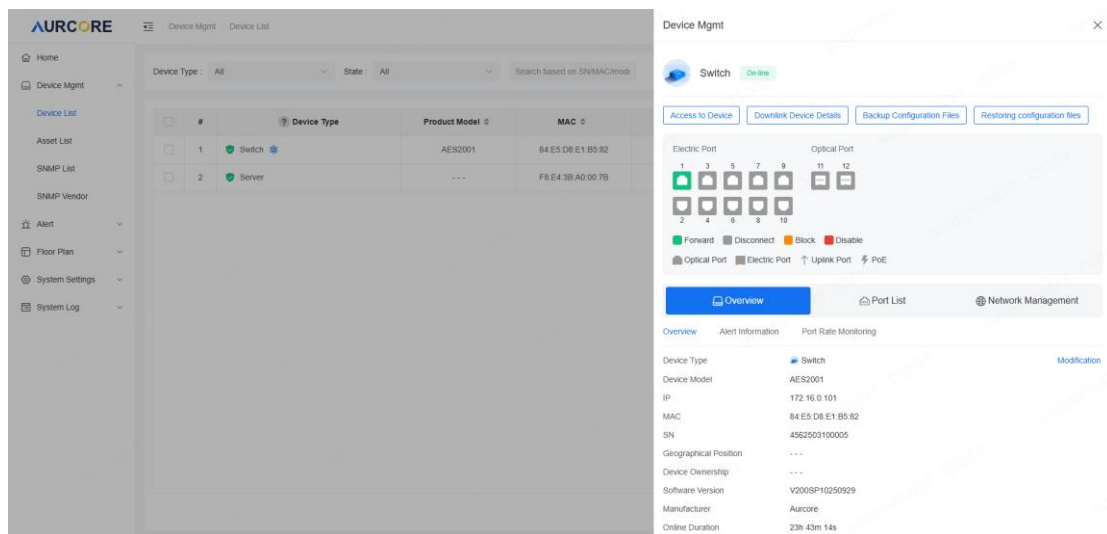
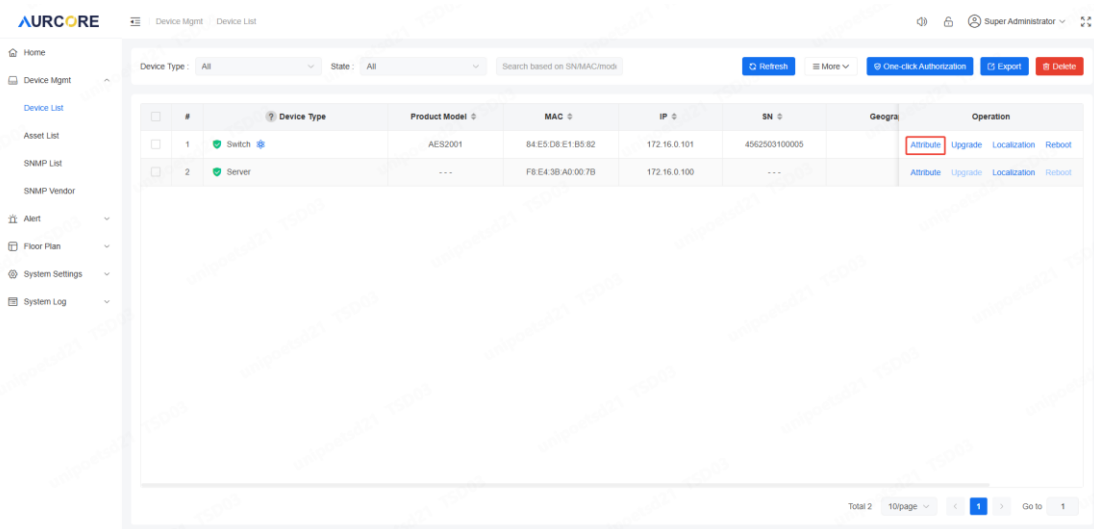
(8) Sorting method

Default sorting, sorting in ascending or descending order by initials



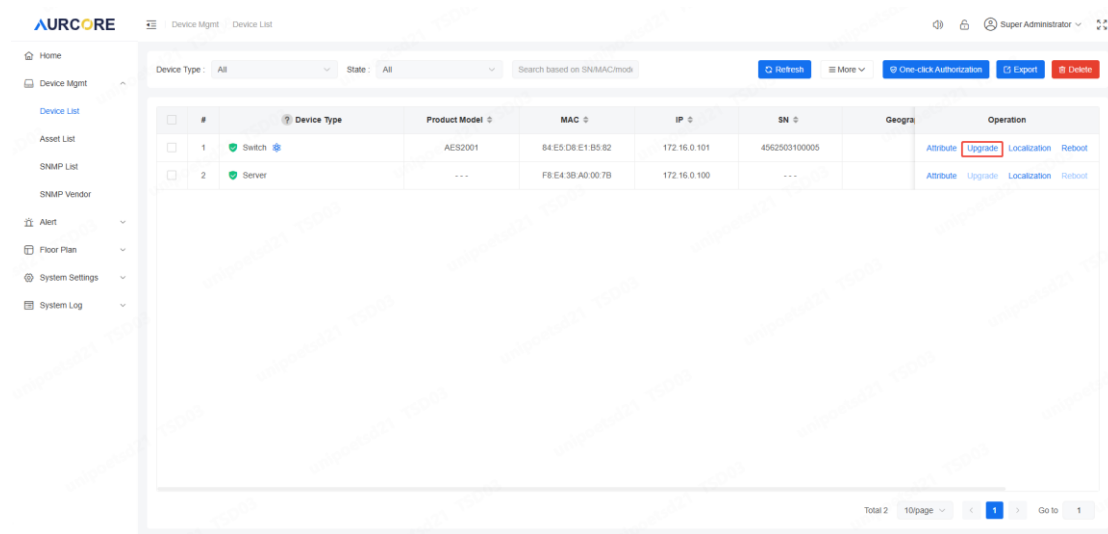
(9) Attribute

Click Attribute to view the relevant information of the device.



(10) Upgrade

Click on 'upgrade', select the device firmware, and then upgrade the device.



Upgrade Device

* Select File

Please Select a File

Cancel

Confirm

Note: Currently, only upgrading authorized switch devices is supported. When upgrading a device, it will restart and trigger offline alarms for both the upgraded device and the downstream devices connected to it.

(11) Localization

Click "Localization", the system will jump to the top image page, displaying the network architecture location of the device

AURCORE Device Mgmt Device List

Device Type: All State: All Search based on S/N/MAC/mo... Refresh More One-click Authorization Export Delete

#	Device Type	Product Model	MAC	IP	SN	Geogra	Operation
1	Switch	AES2001	84.E5.D8.E1.B5.82	172.16.0.101	4562503100005		Attribute Upgrade Localization Reboot
2	Server	---	F8.E4.3B.A0.00.7B	172.16.0.100	---		Attribute Upgrade Localization Reboot

Total 2 10/page 1 Go to 1

AURCORE Floor Plan Equipment Topology

MAC: Please enter mac address Display Device: Switch

Equipment Topology

(12) Reboot

Click " Reboot " to remotely restart the device

AURCORE Device Mgmt Device List

Device Type: All State: All Search based on S/N/MAC/mo... Refresh More One-click Authorization Export Delete

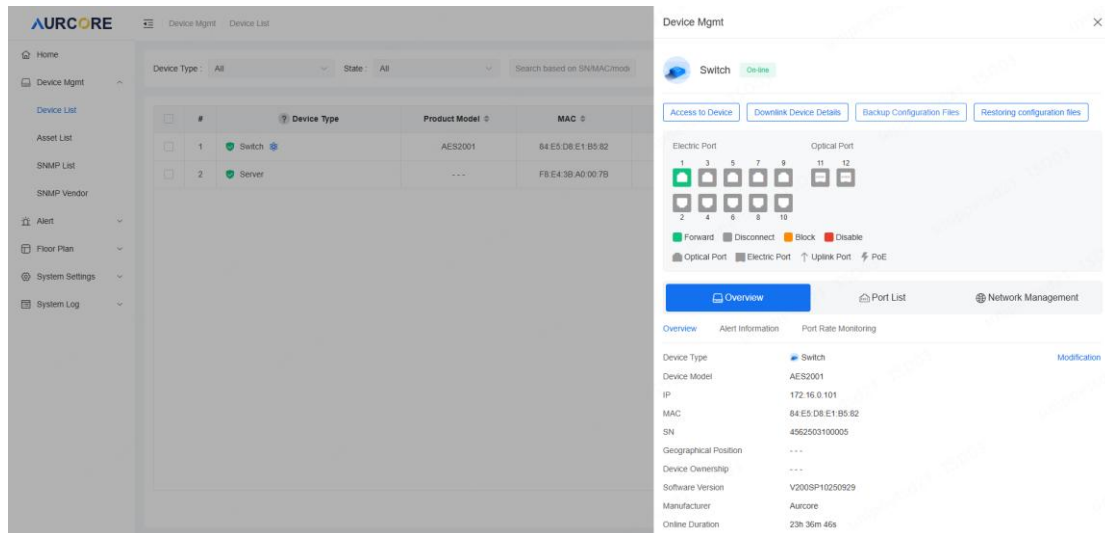
#	Device Type	Product Model	MAC	IP	SN	Geogra	Operation
1	Switch	AES2001	84.E5.D8.E1.B5.82	172.16.0.101	4562503100005		Attribute Upgrade Localization Reboot
2	Server	---	F8.E4.3B.A0.00.7B	172.16.0.100	---		Attribute Upgrade Localization Reboot

Total 2 10/page 1 Go to 1

Note: Only authorized switches can be reboot

4.2.2. Device Attribute

Click the Attribute next to the device to view the detailed information of the device.



(1) Access to Device

Click [Access to Device](#) to remotely access the switch web page.



Switch

On-line

- Access to Device
- Downlink Device Details
- Backup Configuration Files
- Restoring configuration files

Electric Port Optical Port

1	3	5	7	9	11	12
2	4	6	8	10		

Legend:
 Forward Disconnect Block Disable
 Optical Port Electric Port Uplink Port PoE

- Overview
- Port List
- Network Management

- Overview
- Alert Information
- Port Rate Monitoring

Device Type	Switch	Modification
Device Model	AES2001	
IP	172.16.0.101	
MAC	84:E5:D8:E1:B5:82	
SN	4562503100005	
Geographical Position	---	
Device Ownership	---	
Software Version	V200SP10250929	
Manufacturer	Aurcore	
Online Duration	23h 36m 46s	

(2) Downlink Device Details

Click [Downlink Device Details](#) View Downlink Device



Switch

On-line

Access to Device

Downlink Device Details

Backup Configuration Files

Restoring configuration files

Electric Port Optical Port

1	3	5	7	9	11	12
2	4	6	8	10		

Legend: ■ Forward ■ Disconnect ■ Block ■ Disable

Icons: Optical Port Electric Port Uplink Port PoE

[Overview](#) [Port List](#) [Network Management](#)

[Overview](#) [Alert Information](#) [Port Rate Monitoring](#)

Device Type	Switch	Modification
Device Model	AES2001	
IP	172.16.0.101	
MAC	84:E5:D8:E1:B5:82	
SN	4562503100005	
Geographical Position	---	
Device Ownership	---	
Software Version	V200SP10250929	
Manufacturer	Aurcore	

[Export](#)

#	Device Type	Device Model	MAC Address	IP	SN	Geographical	Operation
1	Server	---	F8.E4.3B.A0.00.7B	172.16.0.100	---	---	View Delete

Total 1 10/page < 1 > Go to 1

(3) Backup or Restoring configuration files

Click [Backup Configuration Files](#) to back up the configuration file,

Click [Restoring configuration files](#) Recoverable configuration file

Device Mgmt ×

Switch On-line

[Access to Device](#)
[Downlink Device Details](#)
[Backup Configuration Files](#)
[Restoring configuration files](#)

Electric Port Optical Port

1	3	5	7	9	11	12
2	4	6	8	10		

■ Forward
 ■ Disconnect
 ■ Block
 ■ Disable

 Optical Port
 Electric Port
 ↑ Uplink Port
 ⚡ PoE

[Overview](#)
[Port List](#)
[Network Management](#)

[Overview](#)
[Alert Information](#)
[Port Rate Monitoring](#)

Device Type	Switch	Modification
Device Model	AES2001	
IP	172.16.0.101	
MAC	84:E5:D8:E1:B5:82	
SN	4562503100005	
Geographical Position	---	
Device Ownership	---	
Software Version	V200SP10250929	
Manufacturer	Aurcore	
Online Duration	23h 47m 40s	

(4) Port status

Display the port status, which is divided into Electric Port and Optical Port, as well as different states and ports indicated by different colors and shapes.



Switch

On-line

Access to Device

Downlink Device Details

Backup Configuration Files

Restoring configuration files

Electric Port Optical Port

1	3	5	7	9	11	12
2	4	6	8	10		

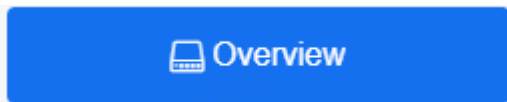
Legend:
 Forward Disconnect Block Disable
 Optical Port Electric Port Uplink Port PoE

Overview Port List Network Management

Overview Alert Information Port Rate Monitoring

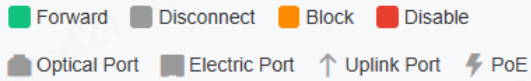
Device Type	Switch	Modification
Device Model	AES2001	
IP	172.16.0.101	
MAC	84:E5:D8:E1:B5:82	
SN	4562503100005	
Geographical Position	---	
Device Ownership	---	
Software Version	V200SP10250929	
Manufacturer	Aurcore	
Online Duration	23h 47m 40s	

(5) Overview



Click Button to view device overview information.

Device Mgmt



Overview

Port List

Network Management

Overview

Alert Information

Port Rate Monitoring

Device Type	Switch	Modification
Device Model	AES2001	
IP	172.16.0.101	
MAC	84:E5:D8:E1:B5:82	
SN	4562503100005	
Geographical Position	---	
Device Ownership	---	
Software Version	V200SP10250929	
Manufacturer	Aurcore	
Online Duration	23h 50m	
Bandwidth Occupancy	<div style="width: 0%;"><div></div></div> 0%	
CPU Usage Rate	<div style="width: 6%;"><div></div></div> 6%	
Memory Usage Rate	<div style="width: 53%;"><div></div></div> 53%	
PoE Total Power	0W	
PoE Consumes Power	0W	
PoE Voltage	0V	
PoE Firmware Version	---	

Click " Modification " Modify device information

Modification



* Device Type	Switch	Device Model	AES2001
Device SN	4562503100005	Assigned Region	Please select th...
Detailed Address	Please enter detailed address		0 / 200
* LED Switch	<input checked="" type="checkbox"/>	* Bandwidth Thresholds	95 %
* Device Ownership	Please enter the Devic	Manufacturer	Aurcore

Bandwidth Thresholds: Set the bandwidth threshold of the switch, and trigger a bandwidth alarm when the actual bandwidth of the switch exceeds this range.

Alarm Information

Display the alarm information triggered by the device, and click to pop up the device details

Device Mgmt



2 4 6 8 10

Forward Disconnect Block Disable

Optical Port Electric Port Uplink Port PoE

Overview [Alert Information](#) Port Rate Monitoring

Alert Type	Alert Status	Alert Time
Unauthorized Access Alert	Released	2025-12-01 16:32:45
Unauthorized Access Alert	Released	2025-12-01 16:29:39

Unauthorized Access Alert



Alert Device Information

Alert Time	2025-12-01 16:32:45
Alert Device Type	Switch
Alert Device Model	AES2001
Alert Device IP	172.16.0.101
Alert Device MAC	84:E5:D8:E1:B5:82
Alert Device Location	---
Upstream Port Location	---

Upstream Device Information

Upstream Device Type	Unknown
UpstreamDevice Model	---
Upstream Device Port	---
Upstream Device IP	---
Upstream Device MAC	---
Upstream Device Location	---

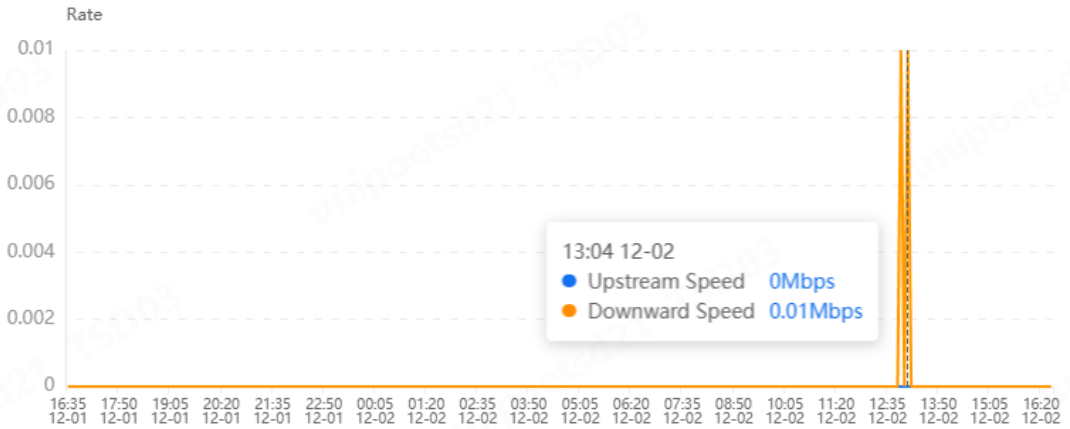
Close

Authorization

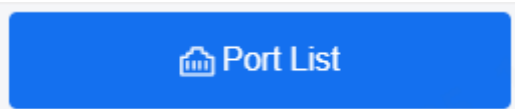
Port Rate Monitoring

Real time display of device port bandwidth rate, users can switch between different ports to view real-time rate information.

Port: Ethernet1/0/1 Upstream Speed Downward Speed



(6) Port List



Click the button Switch to view

Device Mgmt

Electric Port

1	3	5	7	9
2	4	6	8	10

Optical Port

11	12
----	----

Forward
 Disconnect
 Block
 Disable

Optical Port
 Electric Port
 Uplink Port
 PoE

Overview Port List Network Management

Port information can be viewed

Port List

Batch Configuration

<input type="checkbox"/>	Port	Port Mode	VLAN ID	TAG VLAN	Operation
<input type="checkbox"/>	gi1	trunk	---	---	Modify
<input type="checkbox"/>	gi2	trunk	---	---	Modify
<input type="checkbox"/>	gi3	trunk	---	---	Modify
<input type="checkbox"/>	gi4	trunk	---	---	Modify
<input type="checkbox"/>	gi5	trunk	---	---	Modify
<input type="checkbox"/>	gi6	trunk	---	---	Modify
<input type="checkbox"/>	gi7	trunk	---	---	Modify
<input type="checkbox"/>	gi8	trunk	---	---	Modify

Click Modify to change the port configuration, multiple ports can be selected for batch configuration of devices.

<input type="checkbox"/>	Ethernet1/0/1	access	1	---	Modify
--------------------------	---------------	--------	---	-----	------------------------

Port Configuration



Port: Ethernet1/0/1

* Port Switch

* Port Alert Switch

* Flow Control Switches

* PoE Switch

* Detailed Address 0 / 200

* VLAN Mode

* PVID

Tag VLAN

Storm Control Thresholds

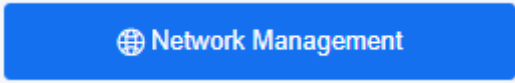
Unknown Unicast Multicast Broadcasts
 bps bps bps

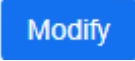
* Input Port Rate Limit kbps * Output Port Rate Limit kbps

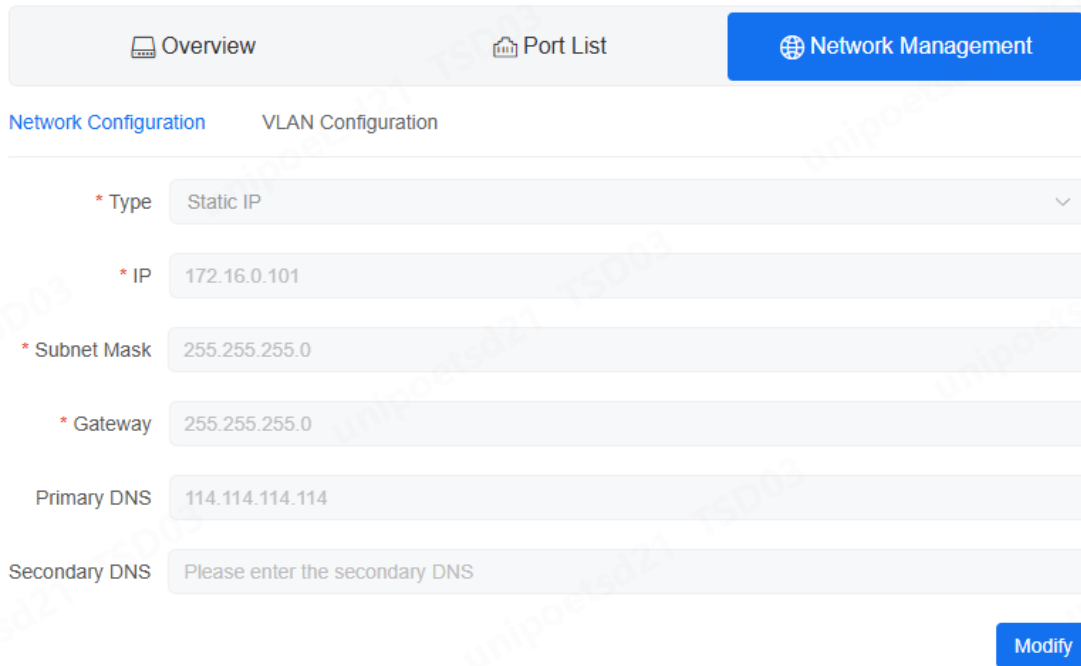
Cancel

Confirm

(7) Network Management

Click  to view Network Configuration

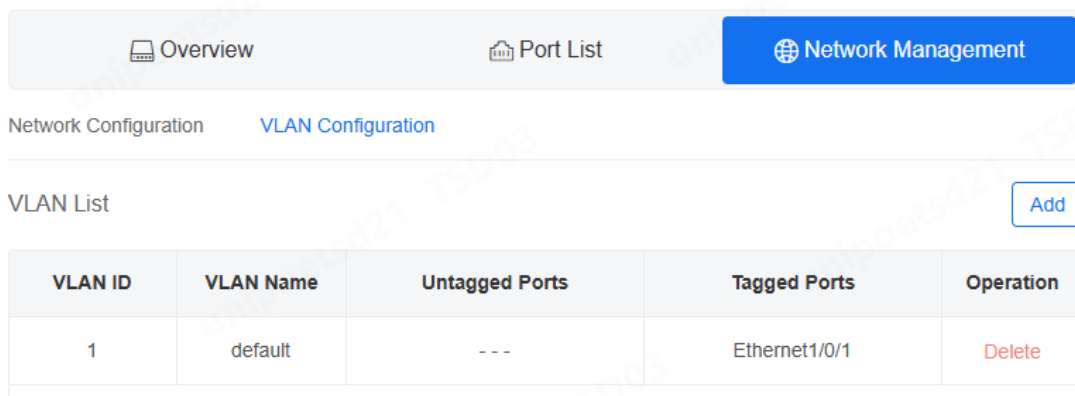
Click  to modify device IP type, IP address, and other information



The form shows network configuration options. At the top, there are three tabs: 'Overview', 'Port List', and 'Network Management' (which is active). Below the tabs, there are two sub-sections: 'Network Configuration' and 'VLAN Configuration'. The 'Network Configuration' section contains several input fields: '* Type' (Static IP), '* IP' (172.16.0.101), '* Subnet Mask' (255.255.255.0), '* Gateway' (255.255.255.0), 'Primary DNS' (114.114.114.114), and 'Secondary DNS' (Please enter the secondary DNS). A 'Modify' button is located at the bottom right of the form.

VLAN Configuration

View device VLAN information and add device VLANs



The table shows VLAN configuration information. At the top, there are three tabs: 'Overview', 'Port List', and 'Network Management' (which is active). Below the tabs, there are two sub-sections: 'Network Configuration' and 'VLAN Configuration' (which is active). The 'VLAN Configuration' section contains a 'VLAN List' table with an 'Add' button. The table has five columns: 'VLAN ID', 'VLAN Name', 'Untagged Ports', 'Tagged Ports', and 'Operation'. There is one row of data: VLAN ID 1, VLAN Name default, Untagged Ports ---, Tagged Ports Ethernet1/0/1, and Operation Delete.

VLAN ID	VLAN Name	Untagged Ports	Tagged Ports	Operation
1	default	---	Ethernet1/0/1	Delete

Add VLAN
✕

* vlan

VLAN Name

Cancel
Confirm

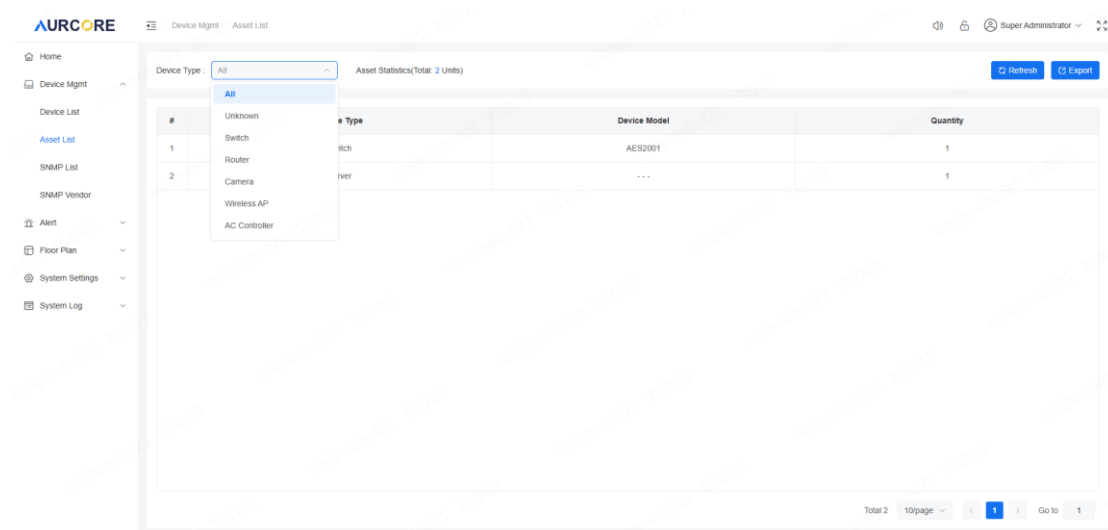
Note: The default VLAN cannot be deleted, and users can only delete newly added VLANs

4.2.3. Asset List

Statistics show various products and their quantities

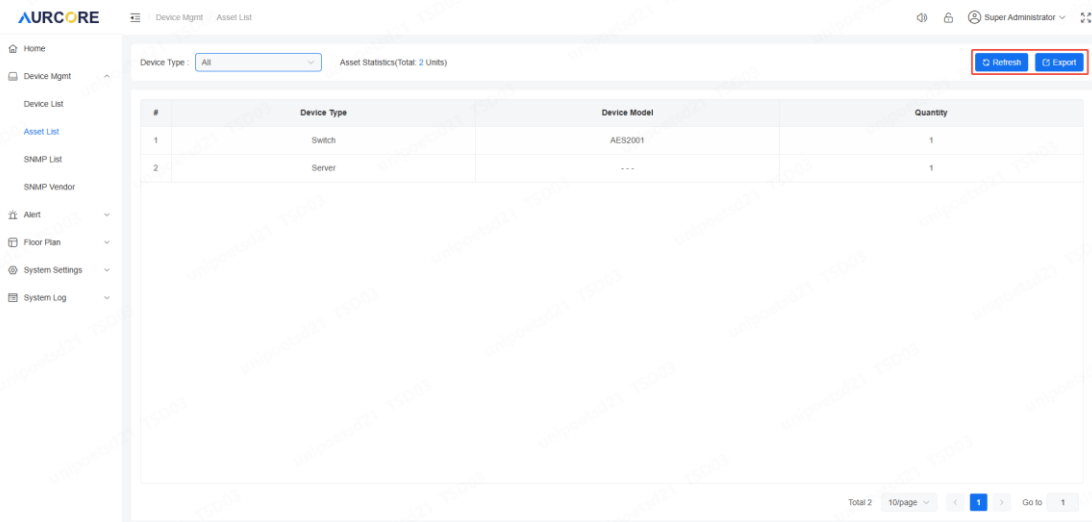
(1) Device Type

User can choose to display different device types



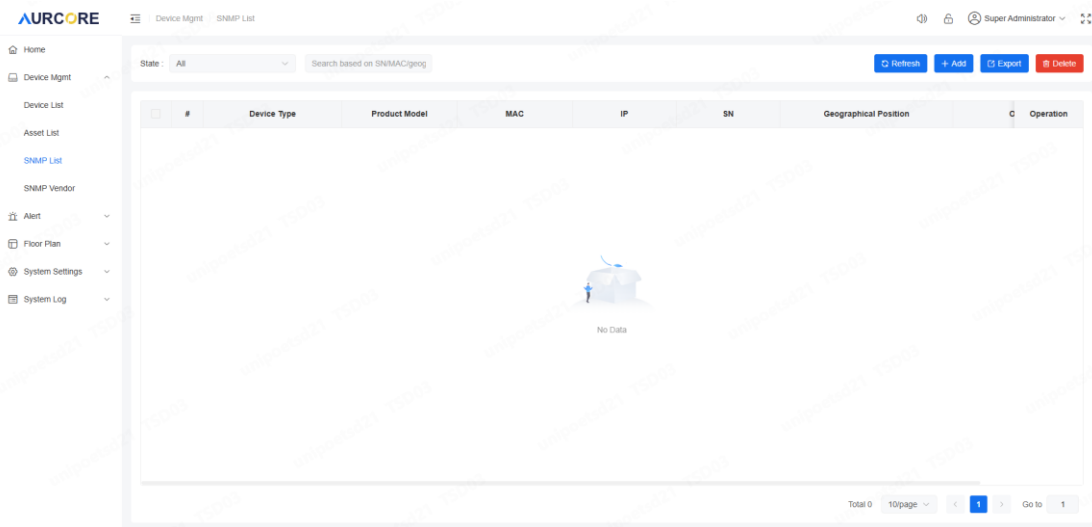
(2) Refresh and Export

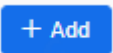
Refresh the device list and export the device asset inventory



4.3. SNMP List

This function is used to manage the use of third-party management switches that are not AURCORE brands. After configuring SNMP, system management can be achieved. Display the SNMP list.



Click  the button to enter the IP address, SNMP manufacturer, SNMP version, and community name. After saving, the successfully added items will be displayed in the list.

Add SNMP ×

* IP Address

* SNMP Port

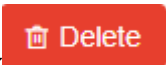
* SNMP Vendor

* SNMP Version

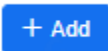
* Team Name

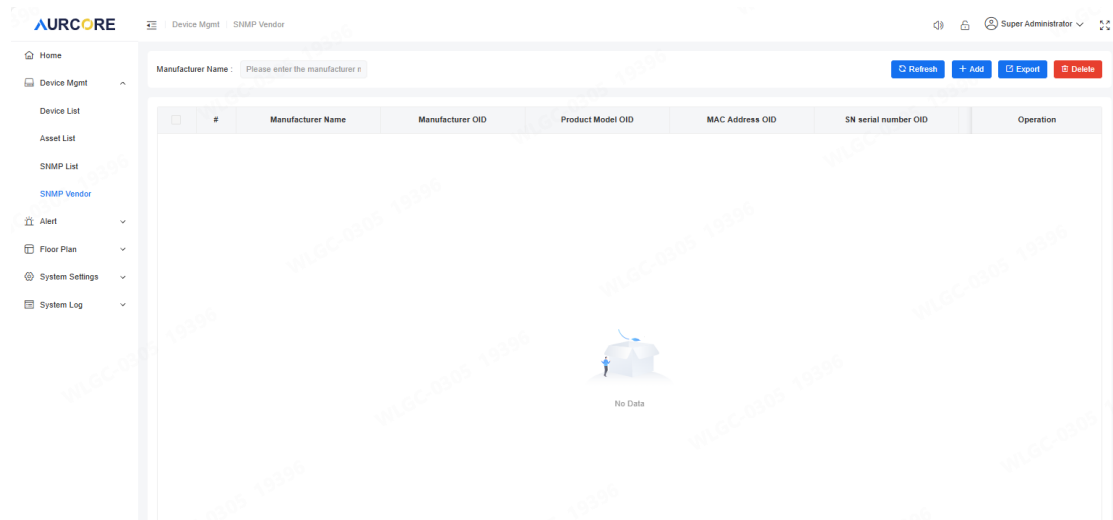
Note: The configured information must be consistent with the SNMP information of the switch.

Click  to export SNMP device list information.

Click  to delete the SNMP device list information.

4.3.1. SNMP Vendor

Display SNMP Vendor, clickable  Add Vendor



Add SNMP vendor

* Manufacturer Name:

* Manufacturer OID:

Product Model OID:

SN serial number OID:

MAC Address OID:

MAC Address Table OID:

Neighbor table OID:

Hardware version OID:

Software version OID:

Port MAC OID:

Port Name OID:

Note: All OID information must be filled in correctly. If the OID is incorrect, the corresponding device information will not be obtained.

4.4. Alert

4.4.1. Alert Info

List all device triggered alarm information.

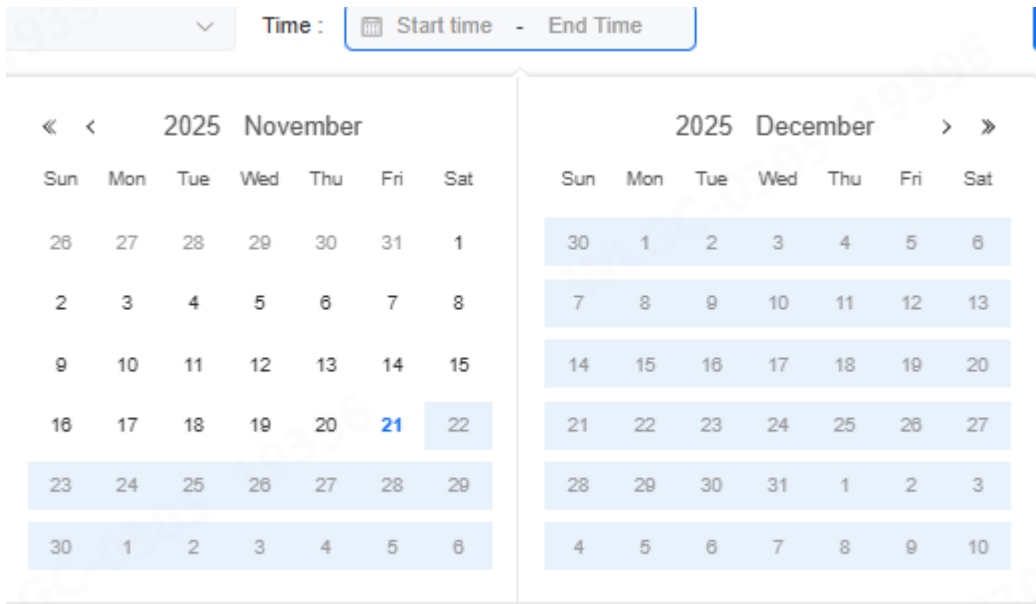
The screenshot shows the AURCORE Alert management interface. At the top, there are filters for Alert Type (All), Alert level (All), Alert Status (All), and Time (Start time - End Time). Below the filters is a search bar for SN/MAC/Device Type/IP/Geogr. The main area contains a table with the following data:

#	Alert Type	Alert level	Device Type	MAC Address	IP Address	SN	Geographical Pos	State	Operation
1	Unauthorized Access Alert	Secondary	Switch	84-E5-D8-E1-B5-B2	172.16.0.101	4562503100005	...	Released	Details
2	Unauthorized Access Alert	Secondary	Switch	84-E5-D8-E1-B5-B2	172.16.0.101	4562503100005	...	Released	Details

At the bottom right of the table, there is a pagination control showing 'Total 2', '10/page', and 'Go to 1'.

You can choose to view different types, levels, statuses, and times.

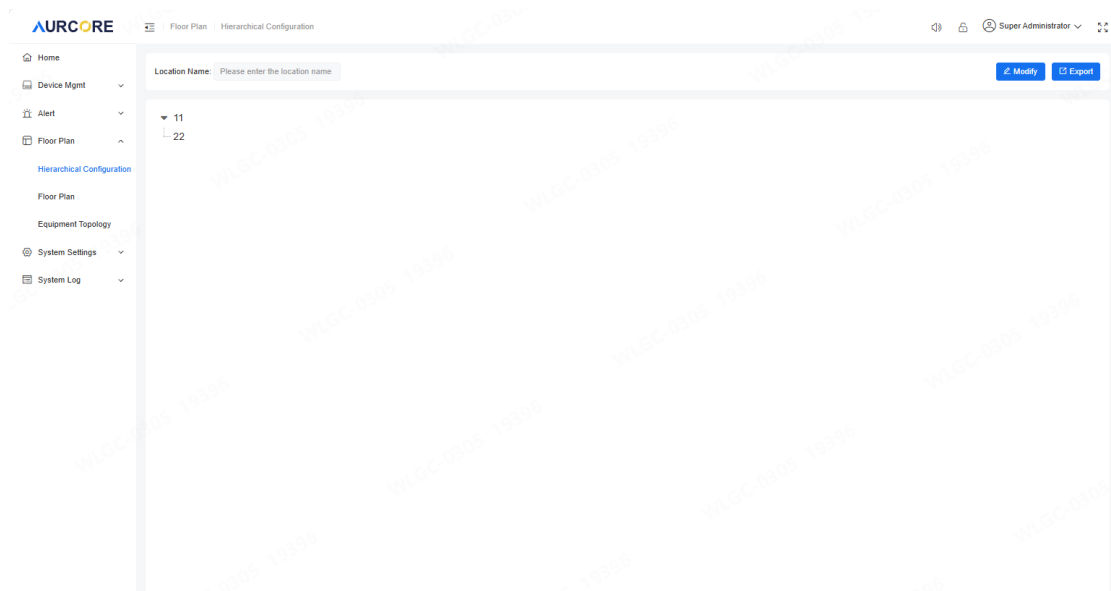
This block shows close-ups of the filter dropdown menus. The 'Alert Type' dropdown is open, showing options: All, Offline Alert, Device Location Change Alert, Unauthorized Access Alert, Loop Alert, Packet Loss Alert, and IP Conflict Alert. The 'Alert level' dropdown is also open, showing options: All, Emergency, Important, and Secondary. The 'Alert Status' dropdown is open, showing options: All, Released, and Unresolved.



4.5. Floor Plan

4.5.1. Hierarchical Configuration

Import project - Enter the project name, project location, detailed geography, and project leader. The floor levels can be added, edited, and deleted.



After adding, you can edit it.

Add Project



* Project Name

Please enter the project name

* Company name

Please enter the company name

Project sector

Please select the project industry



* Detailed Address

Please enter detailed address

* Project superintendent

Please enter the project manager

* Project Contacts

Please enter the project contact

Select File

Select File

Attention: Please download the format first [↓ Template Download](#) Then fill in the information according to the format file and upload

Cancel

Confirm

Add Hierarchical

▼ 11

└─ 22

Add hierarchy



* Name

Please enter the name

Cancel

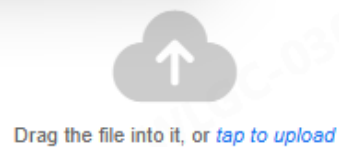
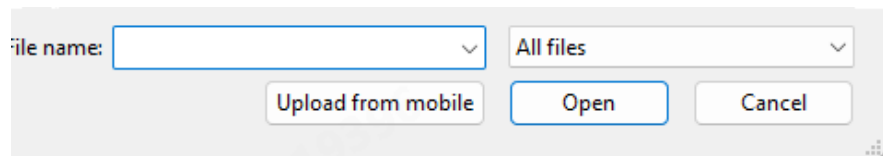
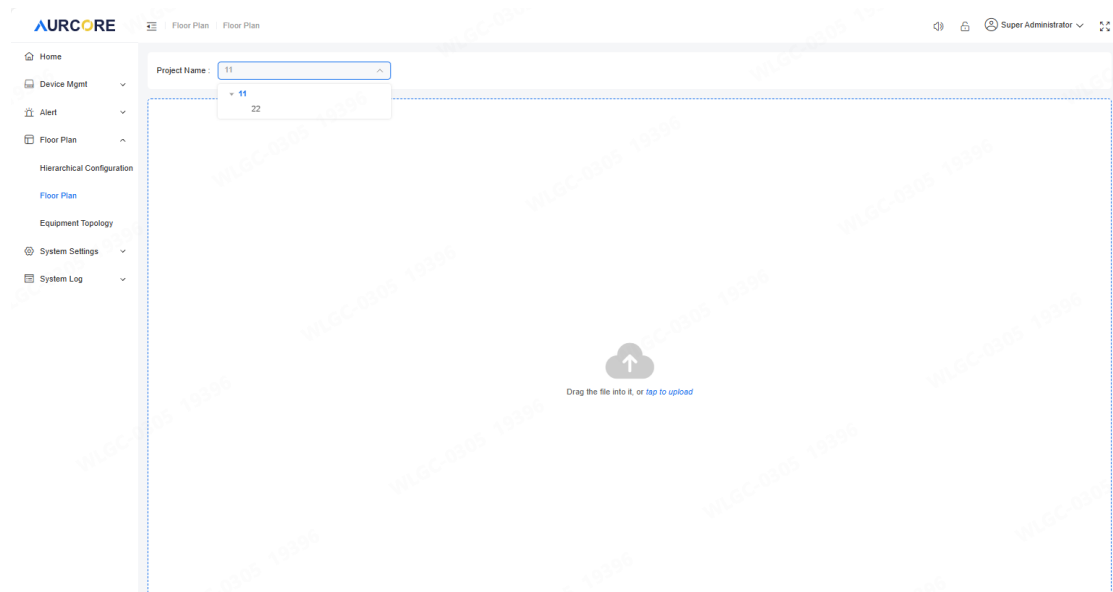
Confirm

Can continue editing, adding, and deleting



4.5.2. Floor Plan

Upload floor plan



4.5.3. Equipment Topology

Can display the meaning of device status, show MAC addresses in the topology map, display port numbers on connecting lines, and have a one-click collapse function: it can expand/collapse to display the corresponding topology map. Clicking on a device in the topology map allows viewing detailed information of the device.



4.6. System Settings

4.6.1. User Management

This feature is only open to super administrators, and administrator accounts do not have permission to view it.

A super administrator and a regular user account are preset, and the preset accounts cannot be closed.

User account: The account and login password are User. After logging in, you can only view and cannot perform any operations. This account cannot be disabled.

#	User Name	Account Number	Creation Time	Enable Status	Operation
1	Ken	admin1	2025-12-02 20:12:58	Disable <input checked="" type="checkbox"/> Enable	Reset Password
2	User	user	2025-12-01 16:23:52	Disable <input checked="" type="checkbox"/> Enable	Reset Password
3	Super Administrator	admin	2025-12-01 16:28:58	Disable <input checked="" type="checkbox"/> Enable	Reset Password

Add account

Super administrators can add administrator accounts.

Add User ✕

* User Name

* Account Number

* Password

Super administrators can close or enable newly added accounts, and reset the password to abc123456.

The screenshot shows the AURCORE User Management interface. At the top, there are input fields for 'User Name' and 'Account Number', a 'Refresh' button, and an 'Add' button. Below this is a table with the following data:

#	User Name	Account Number	Creation Time	Enable Status	Operation
1	Ken	admin1	2025-12-02 20:12:58	Disable <input checked="" type="checkbox"/> Enable	Reset Password
2	User	user	2025-12-01 16:23:52	Disable <input checked="" type="checkbox"/> Enable	Reset Password
3	Super Administrator	admin	2025-12-01 16:28:58	Disable <input checked="" type="checkbox"/> Enable	Reset Password

At the bottom right of the table, there is a pagination control showing 'Total 3', '10/page', and 'Go to 1'.

! Tips

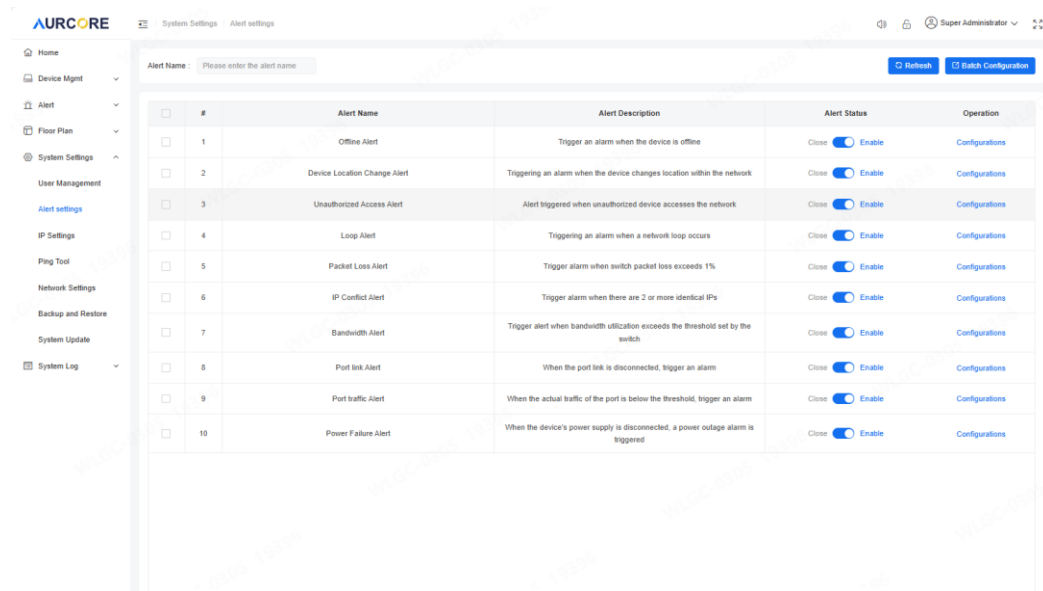
Confirm password reset to [abc123456](#). ?

4.6.2. Alert settings

This feature is only open to super administrators

Alert enable: When the device triggers an alarm, push the alarm information.

Alert close: When the device triggers an alarm, the system does not push the alarm information, and the alarm log does not record the alarm information.



The screenshot shows the AURCORE system settings interface. The left sidebar contains navigation options: Home, Device Mgmt, Alert, Floor Plan, System Settings, User Management, Alert settings, IP Settings, Ping Tool, Network Settings, Backup and Restore, System Update, and System Log. The main content area is titled 'Alert settings' and features a search bar for 'Alert Name' with a 'Refresh' button and a 'Batch Configuration' button. Below this is a table listing various alert types with their descriptions, status, and configuration options.

#	Alert Name	Alert Description	Alert Status	Operation
1	Offline Alert	Trigger an alarm when the device is offline	Close <input checked="" type="checkbox"/> Enable	Configurations
2	Device Location Change Alert	Triggering an alarm when the device changes location within the network	Close <input checked="" type="checkbox"/> Enable	Configurations
3	Unauthorized Access Alert	Alert triggered when unauthorized device accesses the network	Close <input checked="" type="checkbox"/> Enable	Configurations
4	Loop Alert	Triggering an alarm when a network loop occurs	Close <input checked="" type="checkbox"/> Enable	Configurations
5	Packet Loss Alert	Trigger alarm when switch packet loss exceeds 1%	Close <input checked="" type="checkbox"/> Enable	Configurations
6	IP Conflict Alert	Trigger alarm when there are 2 or more identical IPs	Close <input checked="" type="checkbox"/> Enable	Configurations
7	Bandwidth Alert	Trigger alert when bandwidth utilization exceeds the threshold set by the switch	Close <input checked="" type="checkbox"/> Enable	Configurations
8	Port link Alert	When the port link is disconnected, trigger an alarm	Close <input checked="" type="checkbox"/> Enable	Configurations
9	Port traffic Alert	When the actual traffic of the port is below the threshold, trigger an alarm	Close <input checked="" type="checkbox"/> Enable	Configurations
10	Power Failure Alert	When the device's power supply is disconnected, a power outage alarm is triggered	Close <input checked="" type="checkbox"/> Enable	Configurations

Alert Configuration

Click the alarm configuration button, and users can choose to trigger or not trigger alarms based on the device type.

Alert Configuration-Offline Alert



Alert Device Type 0/13

- Unknown
- Switch
- Router
- Camera
- Wireless AP
- AC Controller
- Computer
- Tablet PC
- Printer
- Server
- Virtual Switch
- Core Router
- Mobile Devices

Non-alerting Device Type 0/0

No data

< >

Cancel Confirm

4.6.3. IP Settings

AURCORE System Settings IP Settings Super Administrator

Home Device Mgmt Alert Floor Plan System Settings User Management Alert settings IP Settings Ping Tool Network Settings Backup and Restore System Update System Log

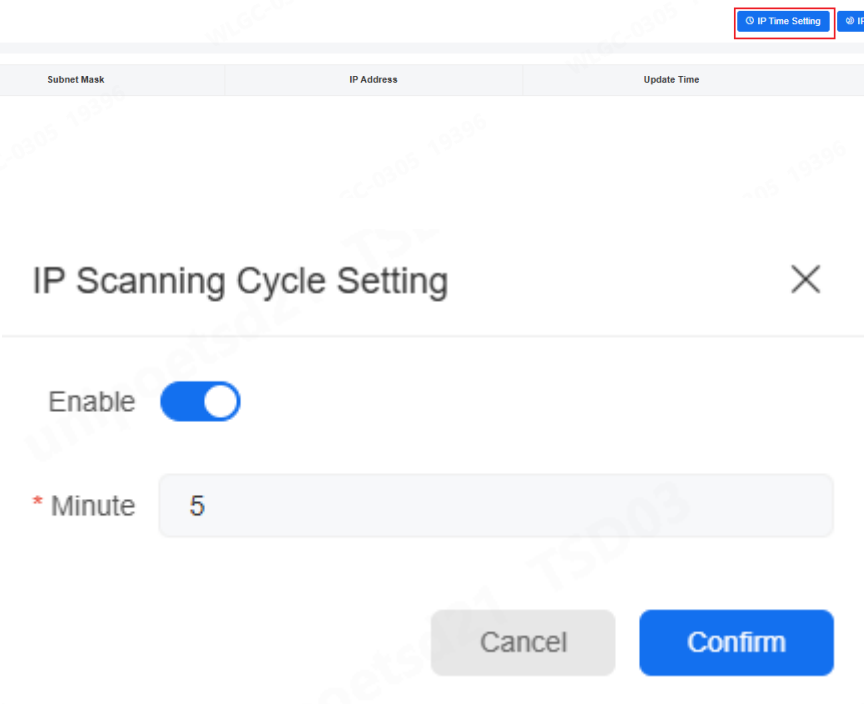
IP Time Setting IP Detection Add

#	Subnet Mask	IP Address	Update Time	Operation
1	255.255.255.0	172.16.0.0	2025-12-02 20:41:21	Modify Delete

Total 1 10page 1 Go to 1

(1) IP Time Setting

Click IP time settings to scan the cycle, After setting, the system will automatically scan IP addresses in the same network segment on a regular basis and discover devices in the same network segment.

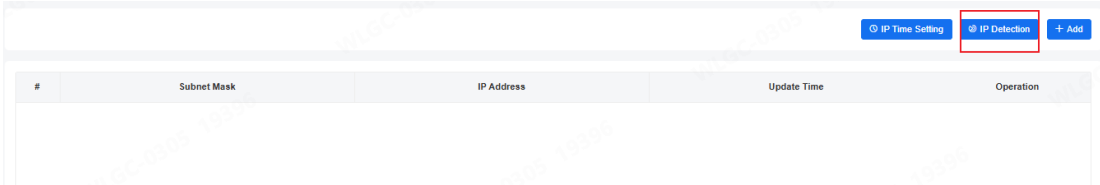


The screenshot shows a web interface with a table at the top and a modal dialog box below it. The table has columns for '#', 'Subnet Mask', 'IP Address', 'Update Time', and 'Operation'. The modal dialog is titled 'IP Scanning Cycle Setting' and contains the following elements:

- An 'Enable' toggle switch, currently turned on.
- A '* Minute' input field containing the number '5'.
- 'Cancel' and 'Confirm' buttons at the bottom.

(2) IP Detection

IP Occupancy Detection, After entering the IP network segment, check the IP usage status.



The screenshot shows a web interface with a table at the top and a modal dialog box below it. The table has columns for '#', 'Subnet Mask', 'IP Address', 'Update Time', and 'Operation'. The modal dialog is titled 'IP Detection' and contains the following elements:

- An 'Enable' toggle switch, currently turned on.
- A '* Minute' input field containing the number '5'.
- 'Cancel' and 'Confirm' buttons at the bottom.

Red: indicates that the IP has been used

Green: indicates that the IP is not in use

IP Occupancy Detection



! Please enter 254 consecutive IP addresses

IP Address -

[Immediately Detect](#)

■ Not Occupied ■ Occupied



(3) Add IP Information

After adding an IP, the system will automatically scan for devices with that IP.

[IP Time Setting](#) [IP Detection](#) [+ Add](#)

#	Subnet Mask	IP Address	Update Time	Operation
---	-------------	------------	-------------	-----------

(4) Operation

#	Subnet Mask	IP Address	Update Time	Operation
1	255.255.255.0	192.168.2.0	2025-11-21 10:29:38	Modify Delete

Modify IP Information



* Subnet Mask

255.255.255.0

* IP Address

172.16.0.0

Cancel

Confirm



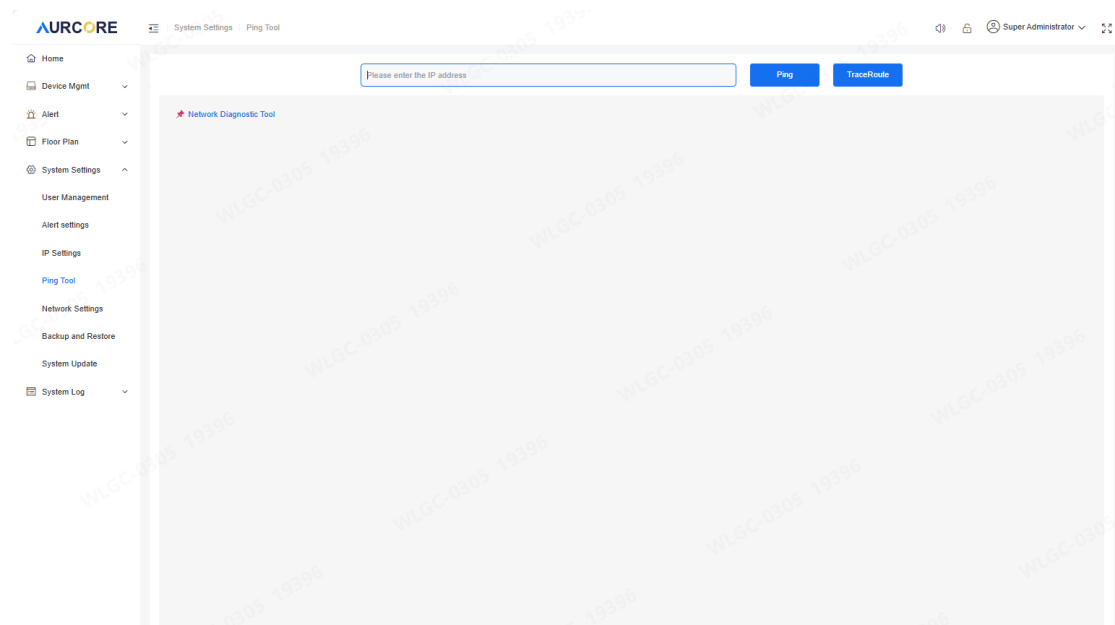
Tips

Do you want to delete this IP address(172.16.0.0)?

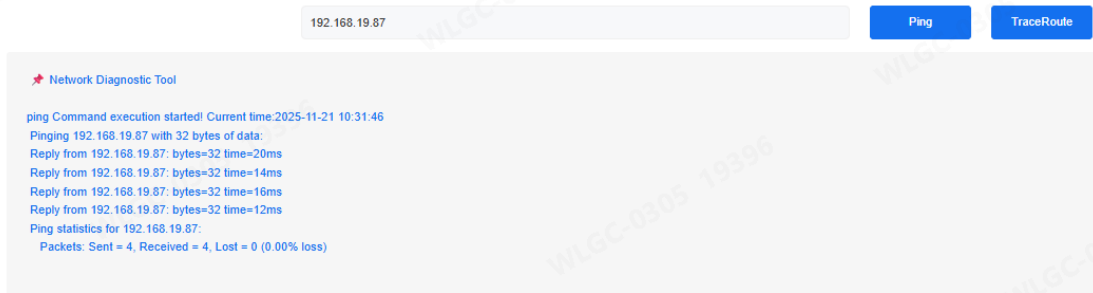
Cancel

Confirm

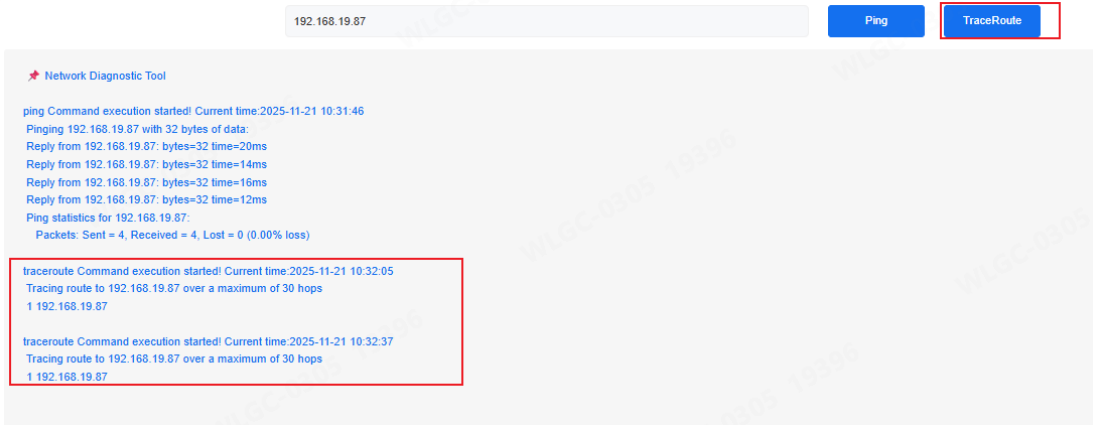
4.6.4. Ping Tool



(1) Ping

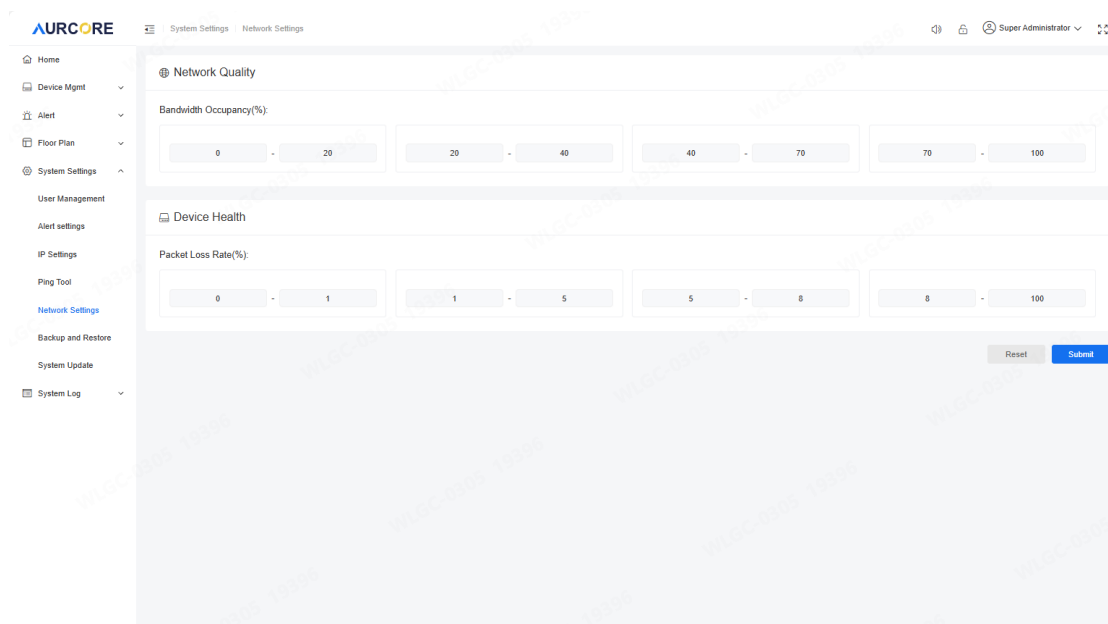


(2) Trace Route

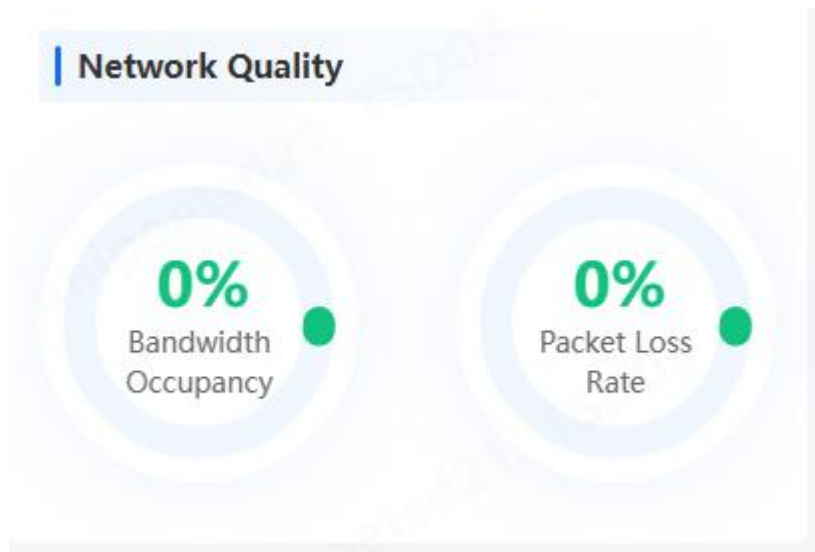


4.6.5. Network Settings

Set the bandwidth occupancy rate and packet loss rate percentage, and synchronize the homepage.



According to the set values, the bandwidth occupancy rate and packet loss rate will be displayed in green, yellow, and red.

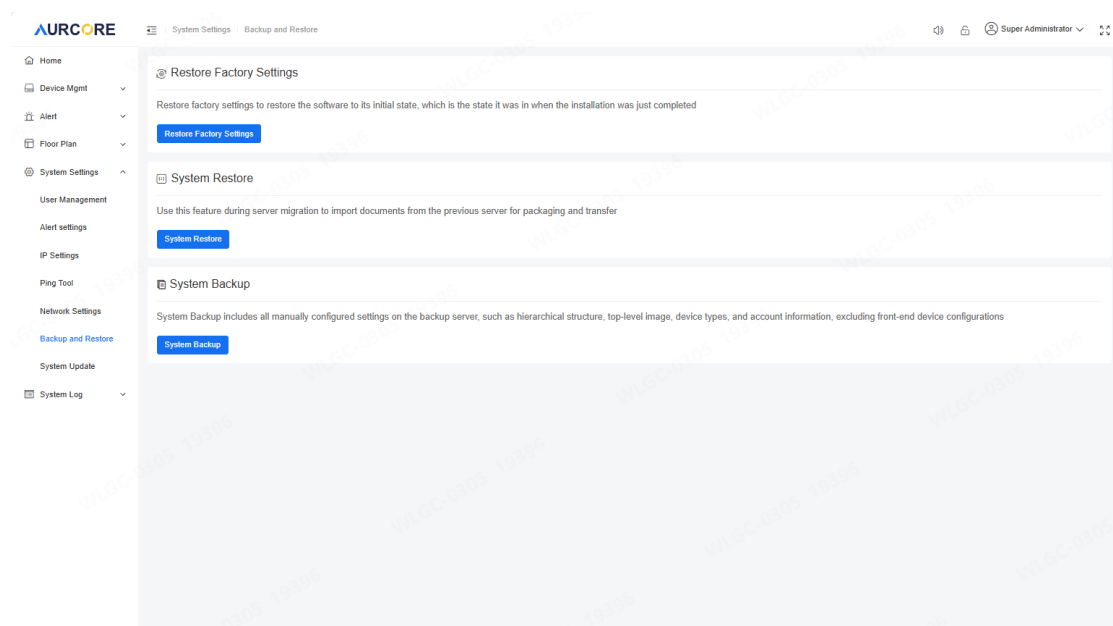


4.6.6. Backup and Restore

Restore Factory Settings: Click on "Restore Factory Settings" to reset the system to its initial state by default, which will clear all device information.

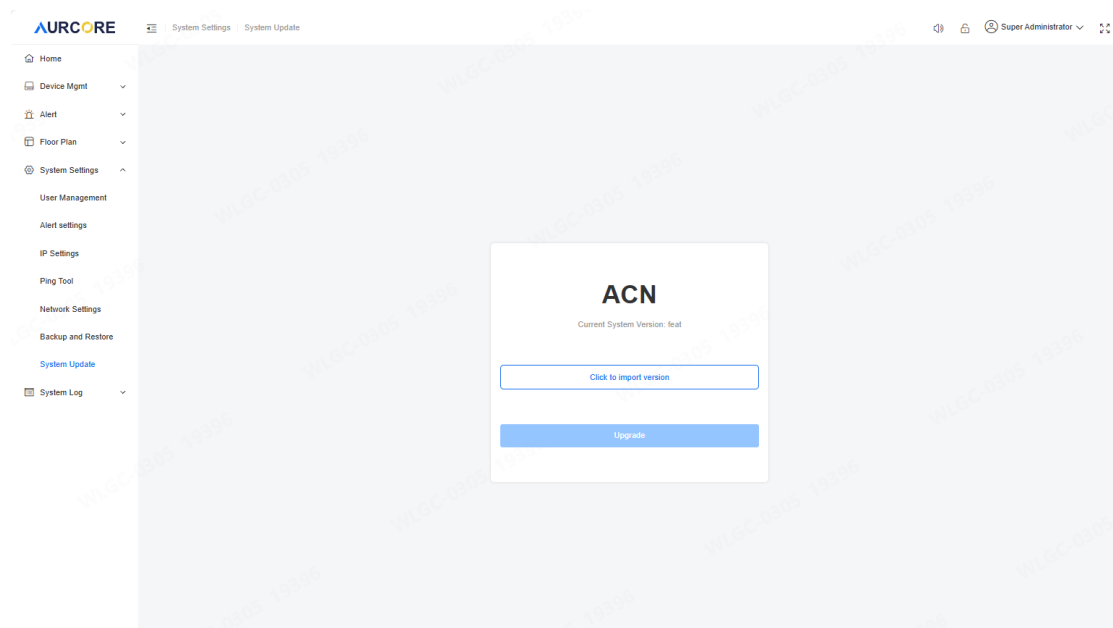
Backup: Click system backup, and the backup files are as follows. Use this feature during server migration to import documents from the previous server for packaging and transfer.

System Backup includes all manually configured settings on the backup server, such as hierarchical structure, top-level image, device types, and account information, excluding front-end device configurations.



4.6.7. System Update

Select the imported file and then click Update.



4.7. System Log

4.7.1. O&M Logs

The alarm operation and maintenance logs display information such as alarm type, maintenance personnel, alarm time, and resolution time. You can pull down the alarm type and time boxes, and enter keywords to search for the corresponding operation and maintenance logs.

AURCORE System Log O&M Logs Super Administrator

Alert Type: All Alert Time: Start time - End Time Search based on IP/MAC/mode Refresh Export

#	Alert Type	Device Model	IP	MAC	Geographical Position	Operations Personnel	Login Time	Alert Time	Release Tr
1	Offline Alert	---	172.16.0.100	F8:E4:3B:A0:00:7B	---	System	---	2025-12-02 18:31:05	---
2	Unauthorized Access Alert	AES2001	172.16.0.101	84:E5:D8:E1:85:82	---	超管管理员	2025-12-01 16:29:28	2025-12-01 16:32:45	---
3	Unauthorized Access Alert	AES2001	172.16.0.101	84:E5:D8:E1:85:82	---	System	---	2025-12-01 16:29:39	---

Total 3 10page 1 Go to 1

Alert Type : All AI

- All
- Offline Alert
- Device Location Change Alert
- Unauthorized Access Alert
- Loop Alert
- Packet Loss Alert
- IP Conflict Alert

Alert Time : Start time - End Time

Search based on IP/MAC/mode

2025 November							2025 December						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1	30	1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31	1	2	3

4.7.2. Operation Log

Display a list of operation accounts, operation types, operation events, and operation times. There are drop-downs for operation types and time frames, and you can enter keywords to search for the corresponding operation logs.

The screenshot shows the AURCORE System Log interface. At the top, there are filters for Operation Type (set to All), Operation Time (Start time - End Time), and Operator/Operation Account (Search by operator/account). There are Refresh and Export buttons. The main table contains 10 rows of log entries. The columns are #, Operator, Operate Account, Operation Type, Operation Contents, and Operation Time.

#	Operator	Operate Account	Operation Type	Operation Contents	Operation Time
1	Super Administrator	admin	Configuration	Add IP scanning segment 172.16.0.0	2025-12-02 20:41:21
2	Super Administrator	admin	Configuration	Modify the IP scanning period to 5 minutes	2025-12-02 20:40:44
3	Super Administrator	admin	Log in	[admin] log in	2025-12-02 20:14:07
4	Ken	admin1	Device	Modify [84-E5-D8-E1-B5-82] device information, device location [], device attribution [111111], device latitude longitude []	2025-12-02 20:13:52
5	Ken	admin1	Log in	[admin1] log in	2025-12-02 20:13:19
6	Super Administrator	admin	Account	Add [admin1] as administrator	2025-12-02 20:12:58
7	Super Administrator	admin	Device	Authorization of [84-E5-D8-E1-B5-82] device	2025-12-02 15:49:57
8	Super Administrator	admin	Device	Deauthorize [84-E5-D8-E1-B5-82] device	2025-12-01 16:49:15
9	Super Administrator	admin	Log in	[admin] log in	2025-12-01 16:36:55
10	Super Administrator	admin	Device	Authorization of [84-E5-D8-E1-B5-82] device	2025-12-01 16:32:52

At the bottom right of the table, there is a pagination control showing 'Total 11', '10page', and 'Go to 1'.

This block shows a close-up of the filter area. The 'Operation Type' dropdown is open, showing options: All, Log in, Account, Project, Device, Configuration, and Alert. The 'Operation Time' field is set to 'Start time - End Time'. To the right, there are two calendar views for November 2025 and December 2025. The November calendar shows the 21st as the selected date.