



AurCore NMS Platform User Manual

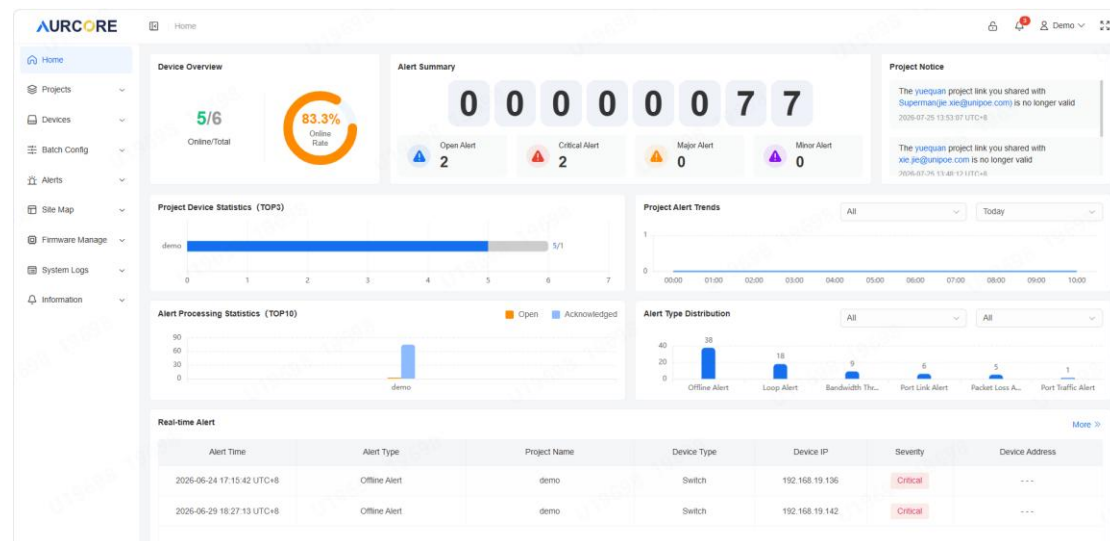
VERSION: v01.001 | RELEASE DATE: 2026-07-15

Contents

1. Introduction.....	1
2. ACN Installation.....	1
2.1. ACN Acquisition.....	1
2.2. ACN Installation.....	2
3. ACN Login.....	3
3.1. Login.....	3
4. Main Modules Introduction	4
4.1. Home.....	5
4.2. Project	13
4.3. Devices	24
4.4. Batch Config	47
4.5. Alerts	49
4.6. Floor Plan	55
4.7. Firmware Manage	61
4.8. System Logs	62
4.9. Information	63
5. Device Bond Key Points.....	65
5.1. Bind Device.....	65
5.2. Unbind Device	68
5.3. Common Troubleshooting.....	69

1. Introduction

ACN is mainly designed as a local NMS. This user manual details the specific methods for functions such as user management, project management, equipment management, active reporting and command issuing of the intelligent identification management system in ACN.

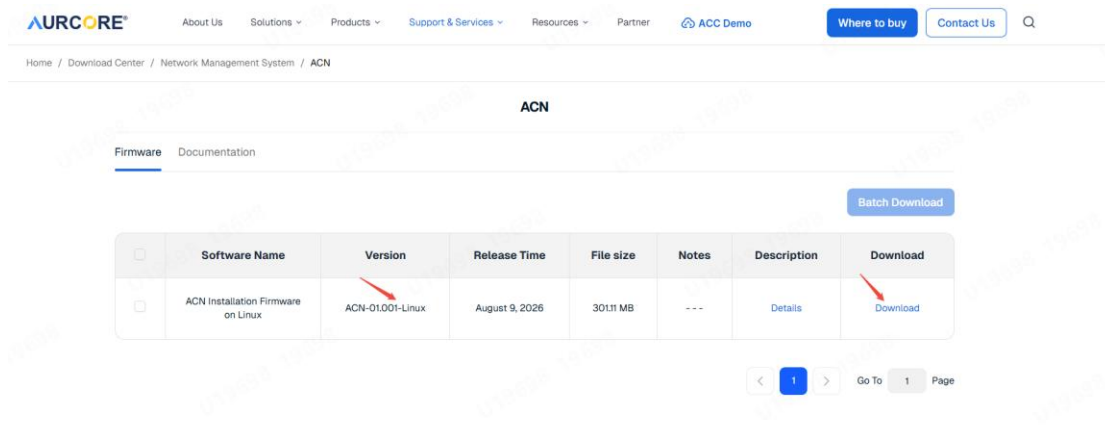


2. ACN Installation

2.1. ACN Acquisition

The official way to obtain ACN platform software is AurCore website, and the download URL is below:

<https://www.aurcore.net/support/downloads/detail/74/acn?seriesId=11&tab=firmware>



ACN will provide Window and Linux software versions at the same time, please check which version you want to install first.

Note: Now only Linux version is available, but the Window version will be available in the near future.

2.2. ACN Installation

The installation process is straightforward. First, prepare your installation environment. Next, upload the ACN software package to a target directory, extract the installation file, and run the corresponding installation commands.

The screenshot below shows the installation steps for the Linux version ACN-01.001-Linux:

```
cdd@SF20:~/run$ ls
ACN-01.001-Linux.tar.gz
cdd@SF20:~/run$ tar -zxvf ACN-01.001-Linux.tar.gz ①
acn-linux-amd64/
acn-linux-amd64/images/
acn-linux-amd64/images/emqx_5.8.8.tar
acn-linux-amd64/images/redis_7.0.12-alpine3.18.tar
acn-linux-amd64/images/mariadb_11.0.2-jammy.tar
acn-linux-amd64/podman-linux-amd64.tar.gz
acn-linux-amd64/manage.sh
acn-linux-amd64/acn.tar.gz
cdd@SF20:~/run$ ls
ACN-01.001-Linux.tar.gz  acn-linux-amd64
cdd@SF20:~/run$ cd acn-linux-amd64/
cdd@SF20:~/run/acn-linux-amd64$ ls
acn.tar.gz  images  manage.sh  podman-linux-amd64.tar.gz
cdd@SF20:~/run/acn-linux-amd64$ ls images/
emqx_5.8.8.tar  mariadb_11.0.2-jammy.tar  redis_7.0.12-alpine3.18.tar
cdd@SF20:~/run/acn-linux-amd64$ sudo chmod a+x manage.sh ②
[sudo] password for cdd:
cdd@SF20:~/run/acn-linux-amd64$ sudo ./manage.sh ③
```

First Step: Unpack ACN-01.001-Linux.tar.gz installation packet.

Second Step: Enter the acn-linux-cmd64 directory to grant execute permission to manage.sh.

Third Step: Execute manage.sh to select the installation option. If it is the first time to install ACN, please select option 1(Install Project).

```
=====
ACN Operations Panel(Version: VBN01.003)
=====
Detected Host IP: 172.25.154.80
-----
1. Install Project
2. Complete Uninstall
3. Start Services
4. Stop Services
5. Update Project (Apply Configuration Changes)
6. Modify Configuration
7. Check Service Status
8. Exit Console
=====
Please select an option [1-8]:
```

3. ACN Login

3.1. Login

After entering the correct account assigned by the administrator, then you will login the ACN platform.



4. Main Modules Introduction

ACN NMS management platform main modules brief introduction:

Home: Display overview information of projects, including alarm statistics, device statistics, project statistics, real-time alarms, project notifications and other contents.

Project: Supports project creation and device addition, enables project sharing or transfer to other accounts, and provides quick access to map and topology modules.

Devices: It supports adding and deleting devices, and displays the device list with device status, IP address, MAC address, serial number (SN) and other information. Two core buttons are provided: the Monitor button is used to view detailed information of a single device, including CPU usage, memory usage, port status, traffic statistics, MAC address table, PoE information table, etc. The Configure button enables feature configuration on devices, such as VLAN, Speed Limit, Port Protection, Static Manual LACP, Storm Control and more.

Batch Config: Batch configurations can be applied to multiple switches, including VLAN, Loopback Protection, Storm Control and other functions.

Alerts: Users can view alarm information including alarm type, device IP, device

MAC, alarm details, etc., and acknowledge and handle alarms. It also supports alert receiver Email setting to receive the concerned alert types.

Site Map: Project locations are displayed on the map for quick positioning. Click the project icon to enter the device list page, or jump to the topology page to view network topology.

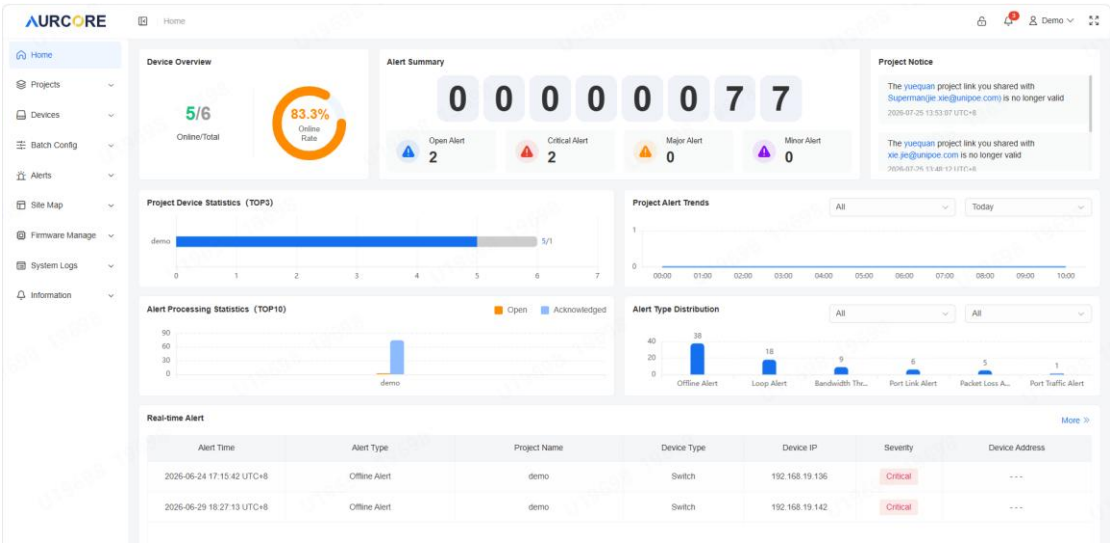
Firmware Manage: Users can upload the firmware of the device by themselves. If the current device firmware version is lower than the uploading firmware version, it will notify the users to upgrade the firmware.

System Logs: The system records operation logs, including operator account, operation type, operation content, etc.

Information: It displays project-related operation information such as project sharing records and project transfer records, as well as ACN platform system messages including account logouts and more.

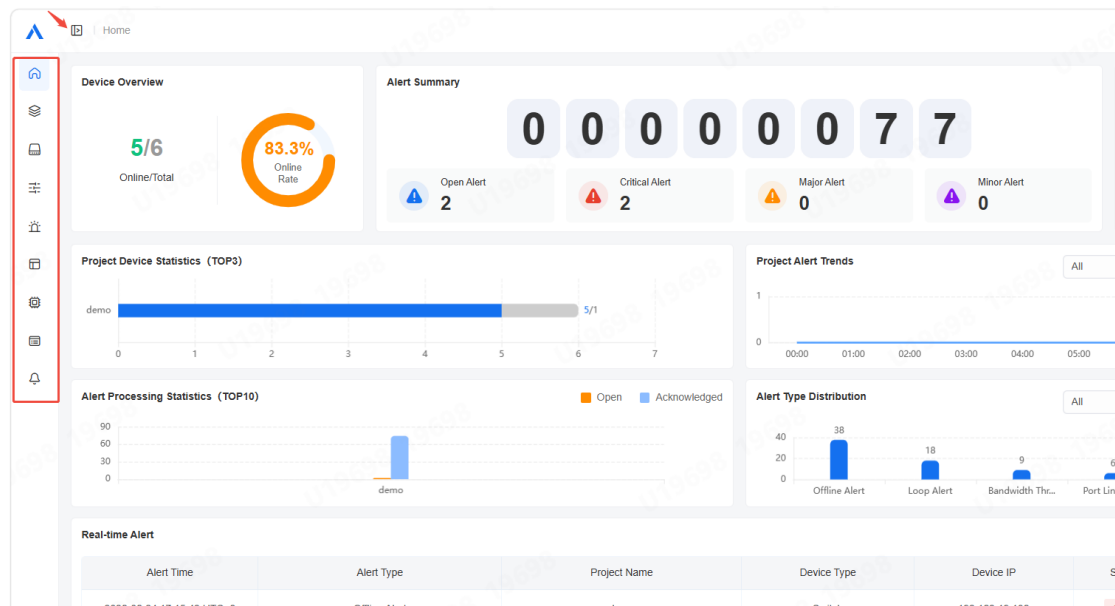
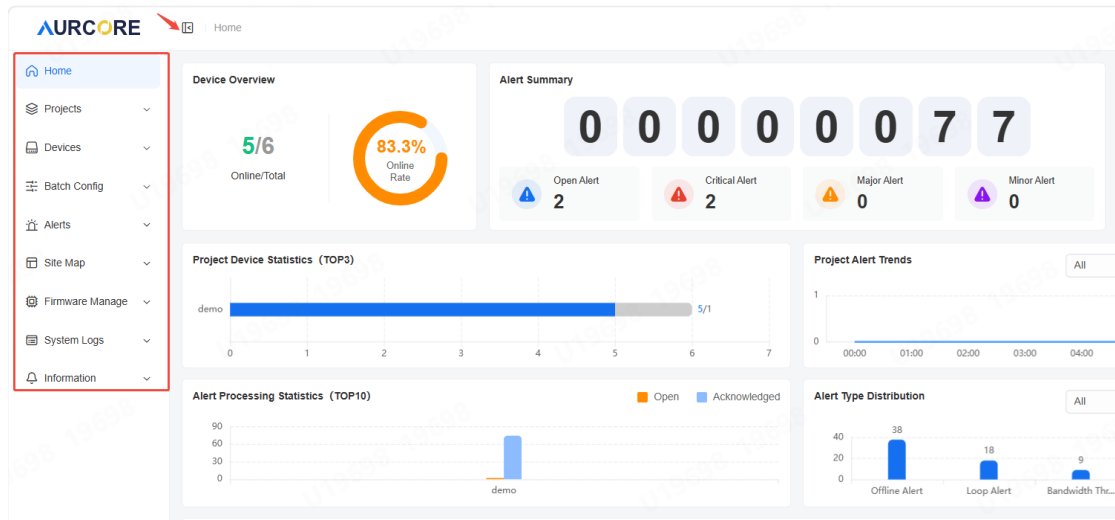
4.1. Home

In the Home page, you can have an overview of the projects, the device online statistics, alerts summary, alert processing statistics, real-time alert etc.



Top menu bar introduction.

➤ Close or expand the menu on the left



➤ Protect the session

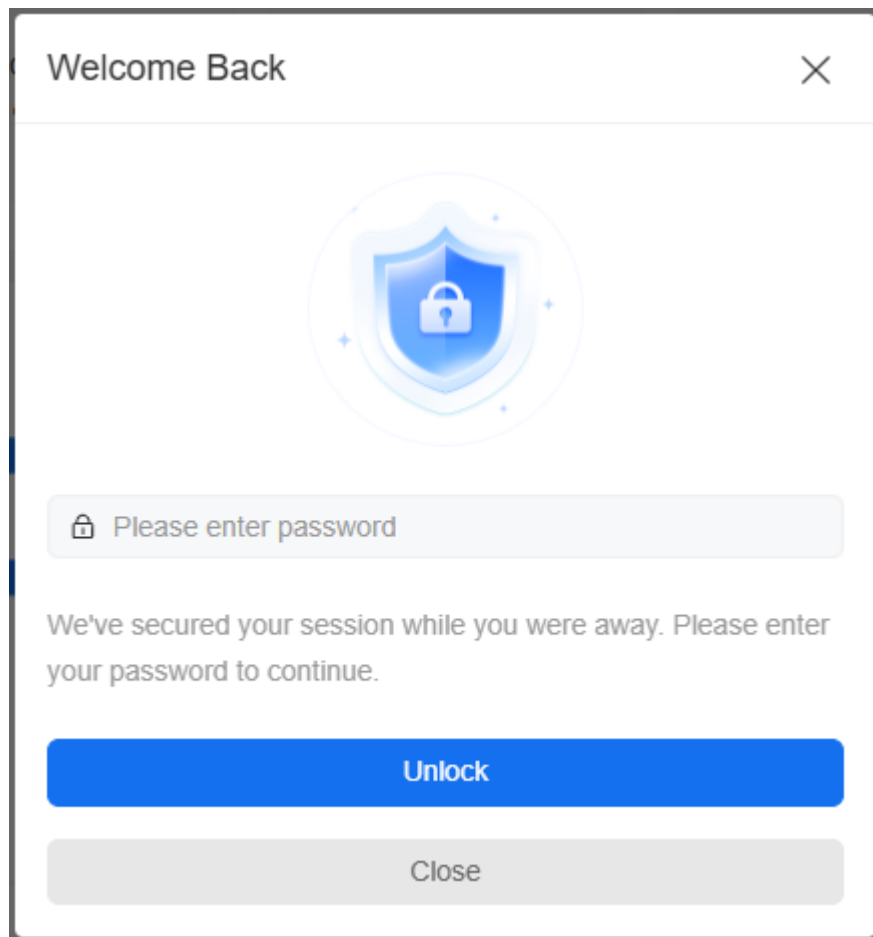
System unlock/lock

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

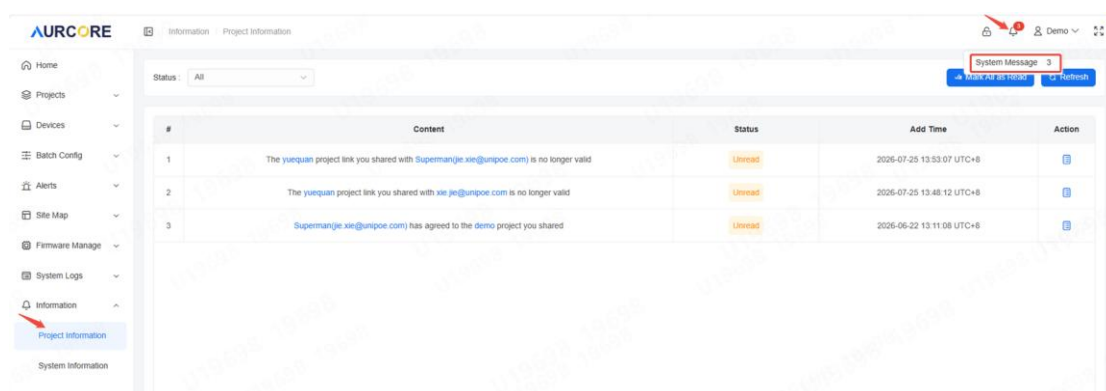
System lock: If the user does not operate for more than the setting minutes,

the system will automatically lock. After locking, the user can view the system, but cannot change its functions.

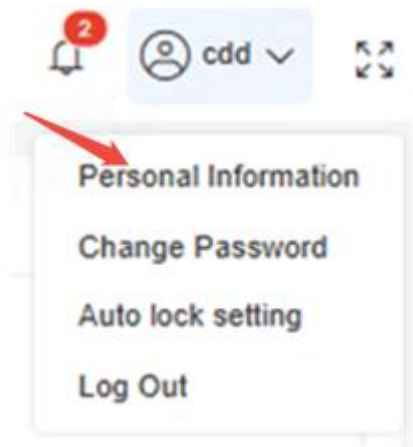
After locking, users need to enter their account password to unlock.



➤ Click  to jump to the system project information page.



➤ Change current user information, password, auto lock time interval and logout.



Account

×

* Account:

demo@aurcore.net

[Change Account](#)

* Name:

Demo

* Phone Number:

+1

▼

(949)688-0722

* Company Name:

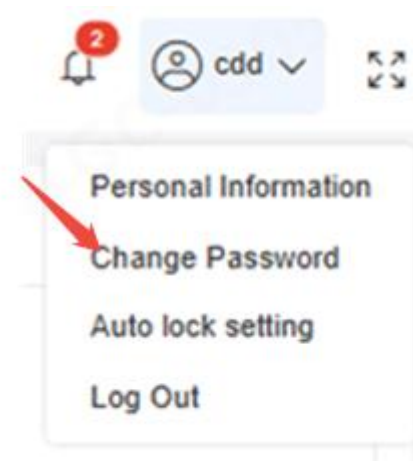
AurCore

* Company Address:

20472 Crescent Bay Drive Ste 102, Lake

Cancel

Confirm



Change Password

Account:

demo@aurcore.net

* Verification Code:

Enter the verification code

Get Verification Code

* New Password:

Enter new password

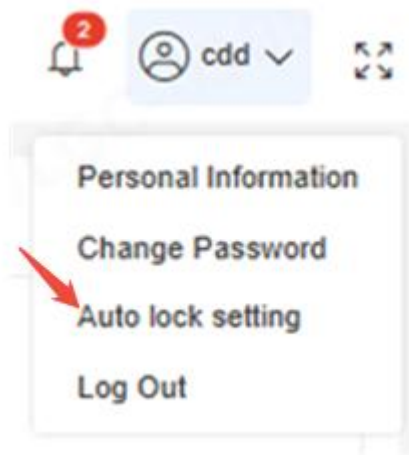
8-16 characters, including letters, numbers, and special characters.

* Confirm Password:

Re-enter new password

Cancel

Confirm



The system will auto-lock after the configured period of inactivity.

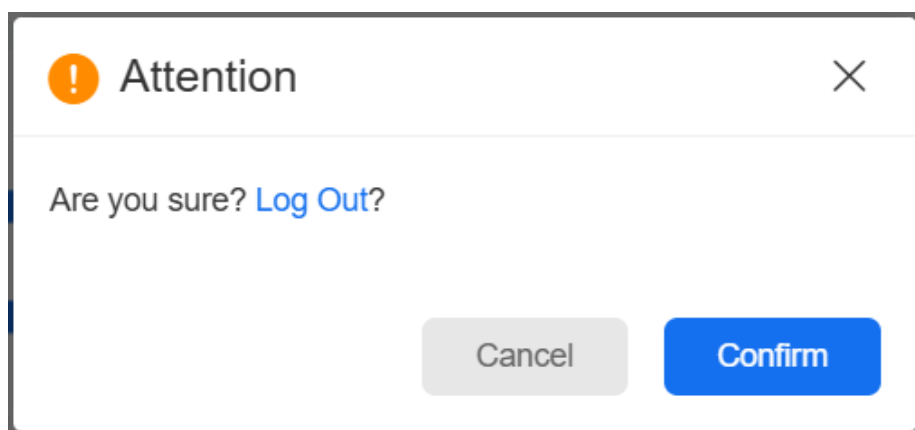
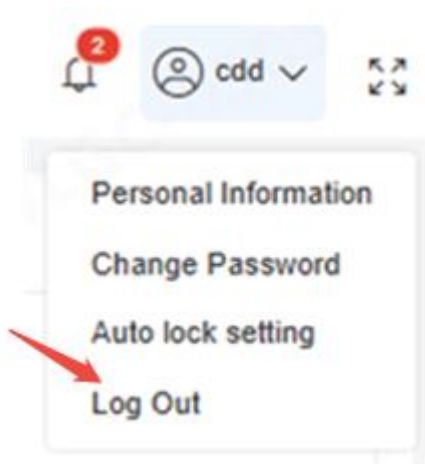
Auto lock setting

* Auto lock:

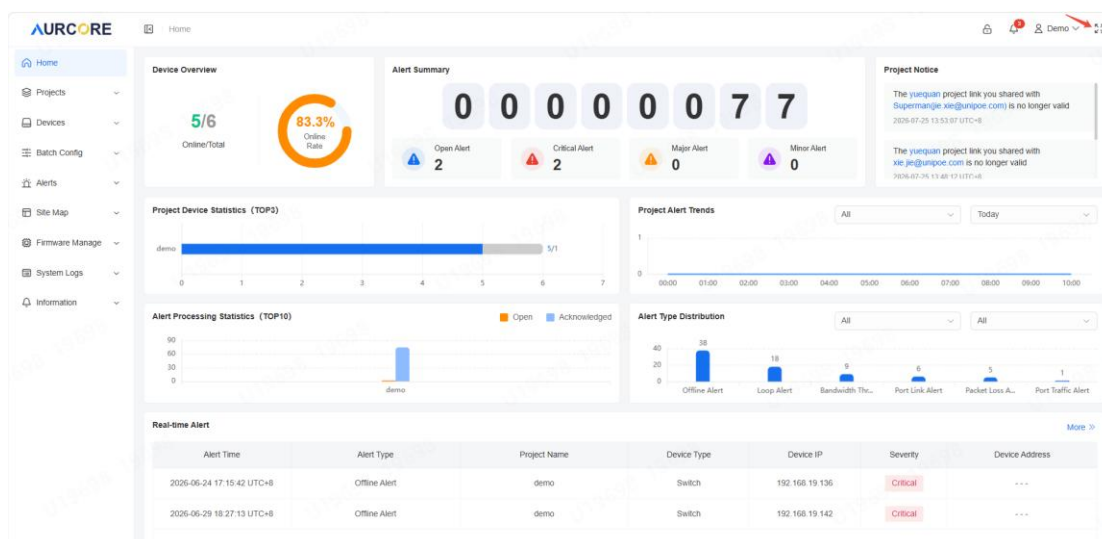
10 minutes

Cancel

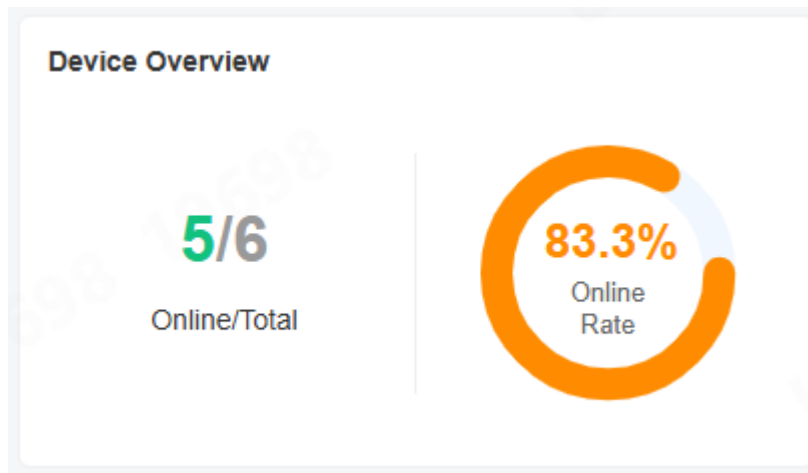
Confirm



- Click the full-screen  button to enter full-screen display mode.

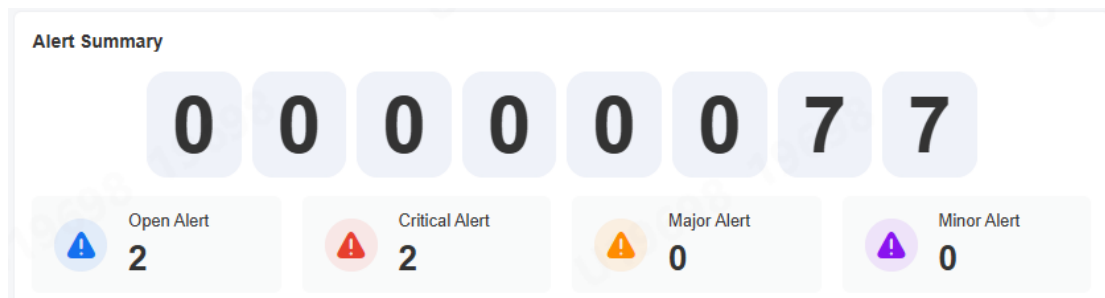


- Device Overview



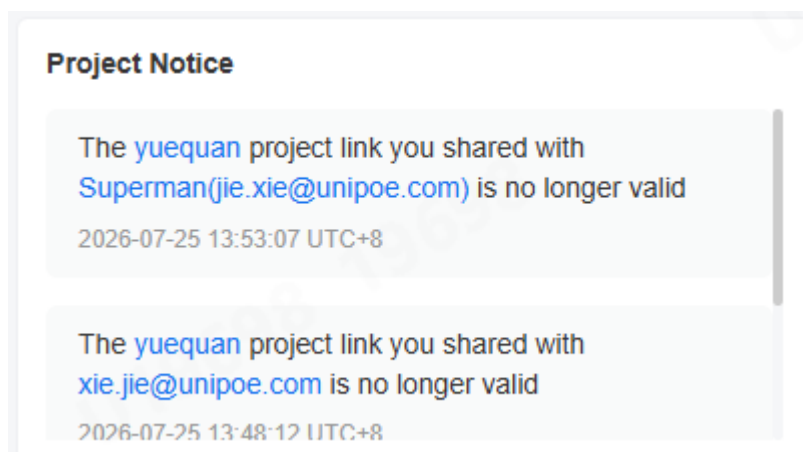
The total devices and online devices displayed in the form of pine.

➤ Alert Summary



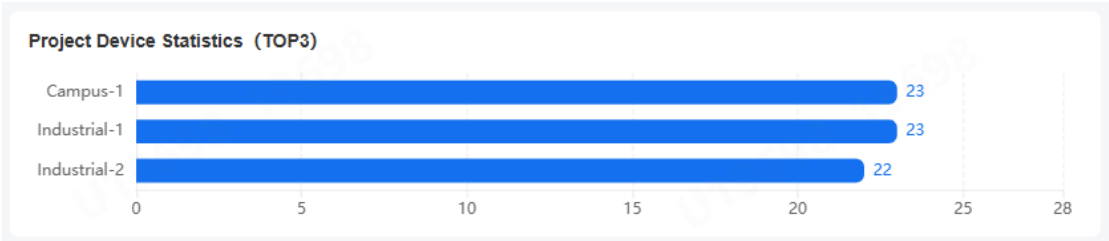
Display the total number of the alerts, display Open Alert, Critical Alert, Major Alert, Minor Alert number separately.

➤ Project Notice



Display information related to project sharing and transfer between users.

➤ TOP3 Project Device Statistics



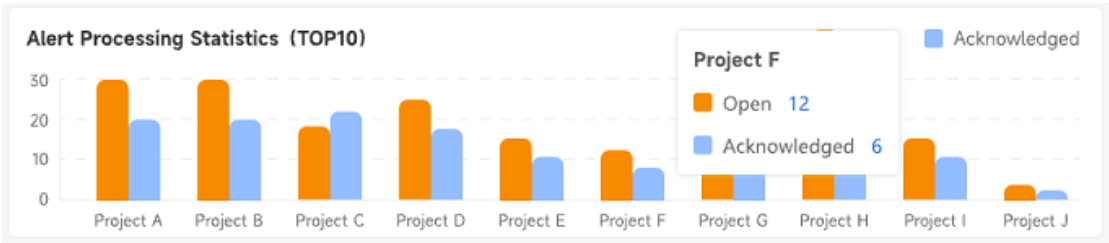
The rank is based on the total number of the devices of the project.

➤ Project Alert Trends



It is used to view the alarm trend of all devices within a period of time and assess the health status of projects.

➤ TOP10 Projects Alert Processing Statistics



The rank is based on the total number of the alerts of the project.

➤ Alert Type Distribution



Display the distribution of various alarm types of projects, and support filtering by

project name and alarm severity level.

➤ Real-time Alert



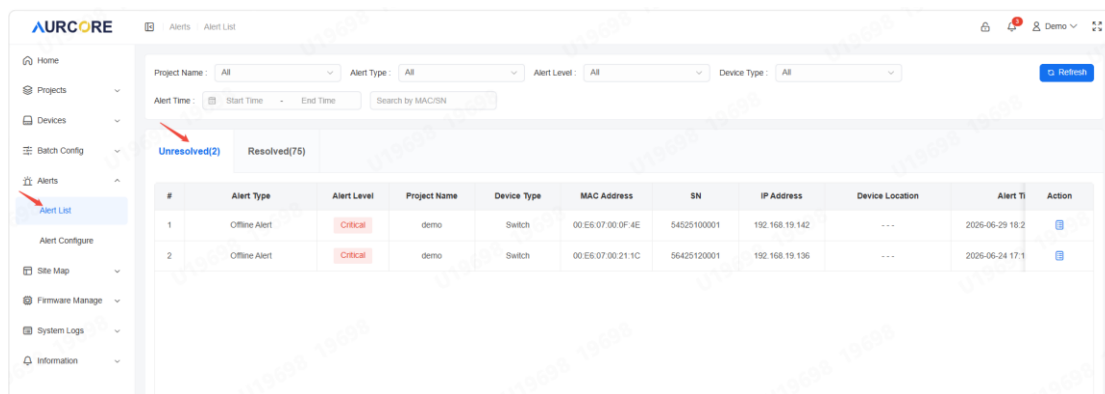
Alert Time	Alert Type	Project Name	Device Type	Device IP	Severity	Device Address
2026-06-24 17:15:42 UTC+8	Offline Alert	demo	Switch	192.168.19.136	Critical	---
2026-06-29 18:27:13 UTC+8	Offline Alert	demo	Switch	192.168.19.142	Critical	---

Real-time alarm information of the current user's projects is displayed in scrolling mode, including alarm type, alarm time, device IP, device MAC, device location and other details.

You can also click the button "More>>" to get the total real-time alerts information in the new page.



Alert Time	Alert Type	Project Name	Device Type	Device IP	Severity	Device Address
2026-06-24 17:15:42 UTC+8	Offline Alert	demo	Switch	192.168.19.136	Critical	---
2026-06-29 18:27:13 UTC+8	Offline Alert	demo	Switch	192.168.19.142	Critical	---



#	Alert Type	Alert Level	Project Name	Device Type	MAC Address	SN	IP Address	Device Location	Alert Time	Action
1	Offline Alert	Critical	demo	Switch	00:E6:07:00:0F:4E	54325100001	192.168.19.142	---	2026-06-29 18:27:13 UTC+8	[Icon]
2	Offline Alert	Critical	demo	Switch	00:E6:07:00:21:1C	56425120001	192.168.19.136	---	2026-06-24 17:15:42 UTC+8	[Icon]

4.2. Project

➤ Add project

Click "Add Project" to create a project, before the project added, you should upload your devices in the form of MAC sheet.

Remarks: You can create project first and add the devices later.

AURCORE

Projects | Project List

Home

Projects

Project List

Devices

Batch Config

Alerts

Site Map

Firmware Manage

System Logs

Information

Total Projects

1

Total Devices

6

Total Alerts

77

Created by Me(1)

Shared with Me(0)

Shared by Me(1)

Q Enter Project Name

+ Add Project

#	Project Name	Device Quantity	Alert Quantity	Project Creation Time	Project Runtime	Project Address	Action
1	demo	6	77	2025-06-10 15:37:49 UTC+8	77D18H1	DongGuan	

Create Project

×

* Project Name:

Enter Project Name

0 / 100

Manager:

Demo(test)

* Time Zone:

Please select the time zone

▼

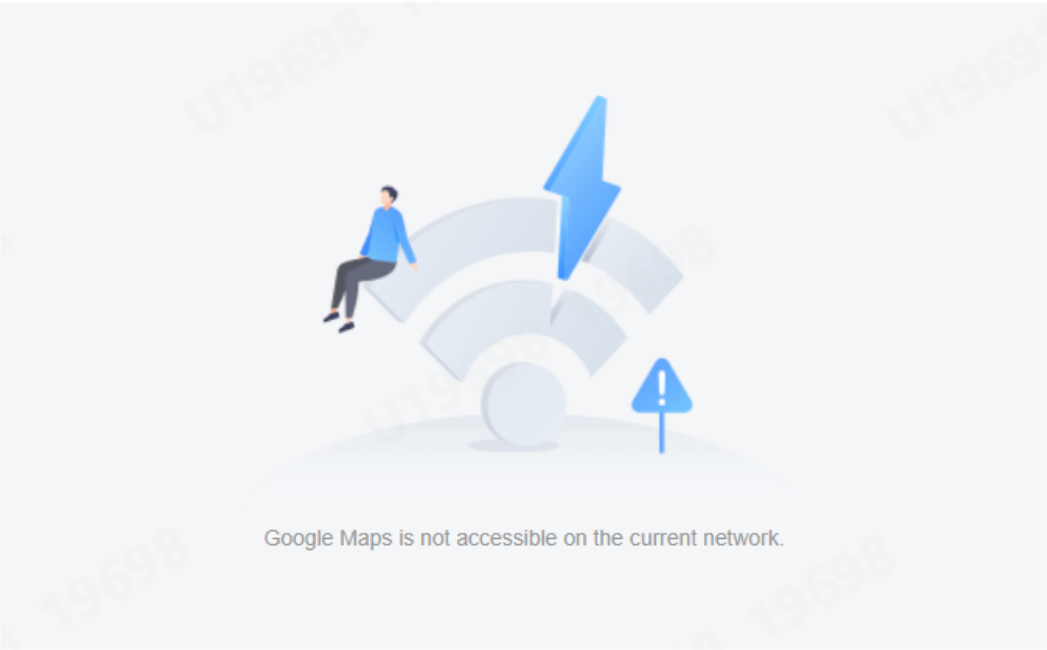
* Project Address:

Please enter the project address

0 / 100

* Project Location:

0,0

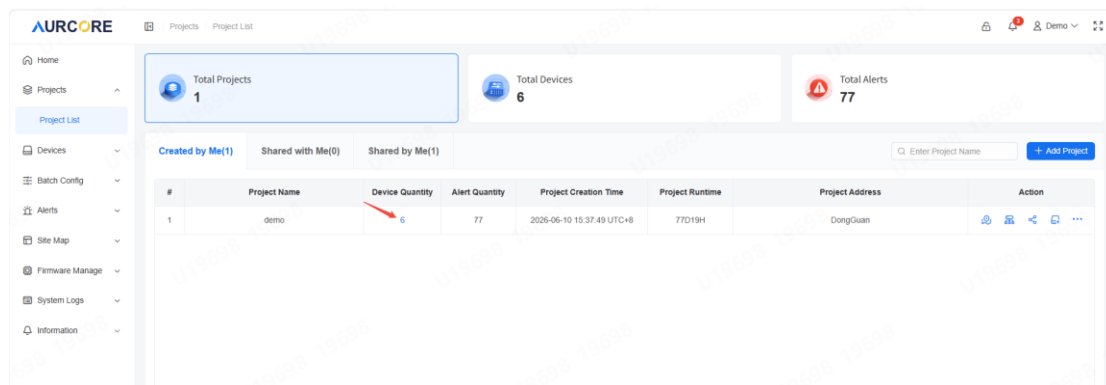


Google Maps is not accessible on the current network.

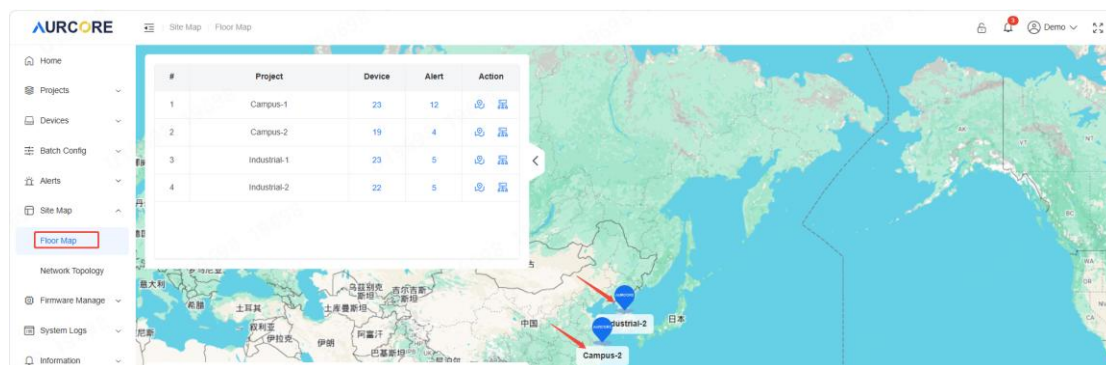
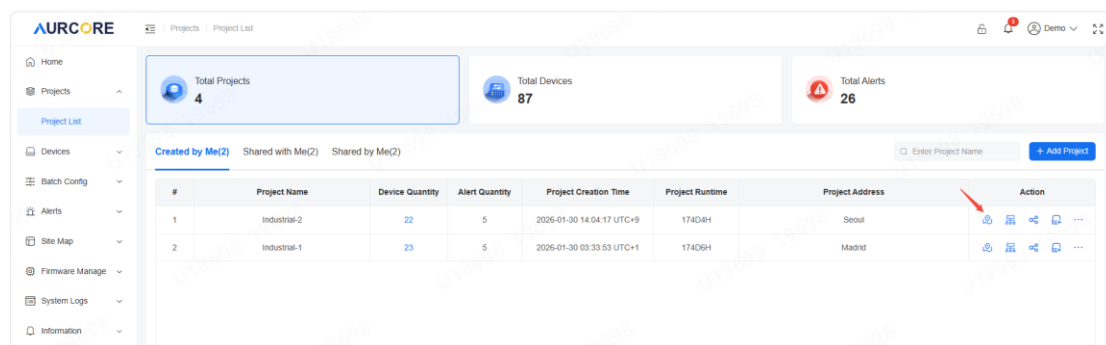
Not Now

Confirm

Clicking "Device Quantity": Count the number of all devices in the project, and click to jump to the device list.

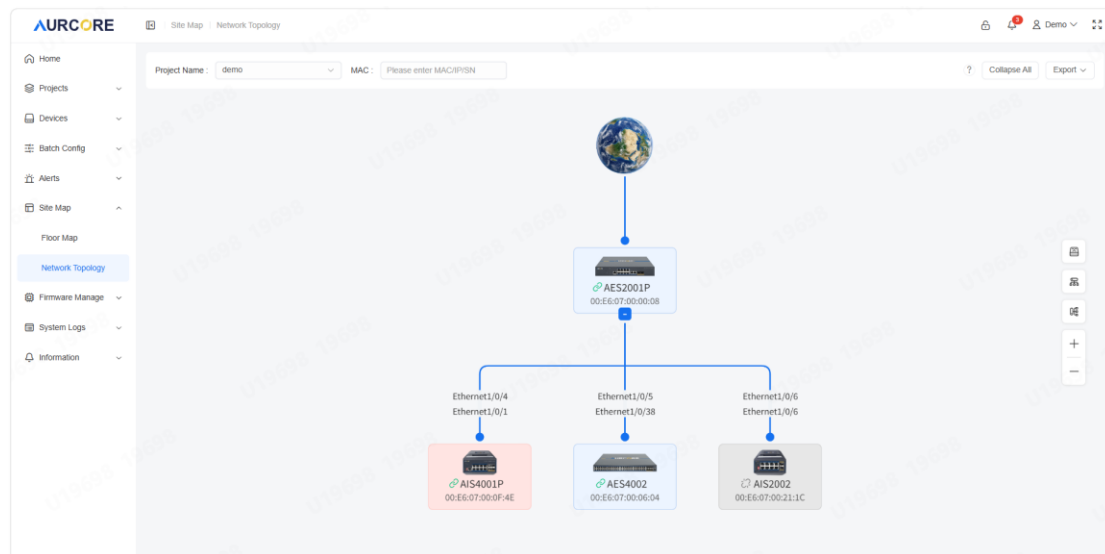
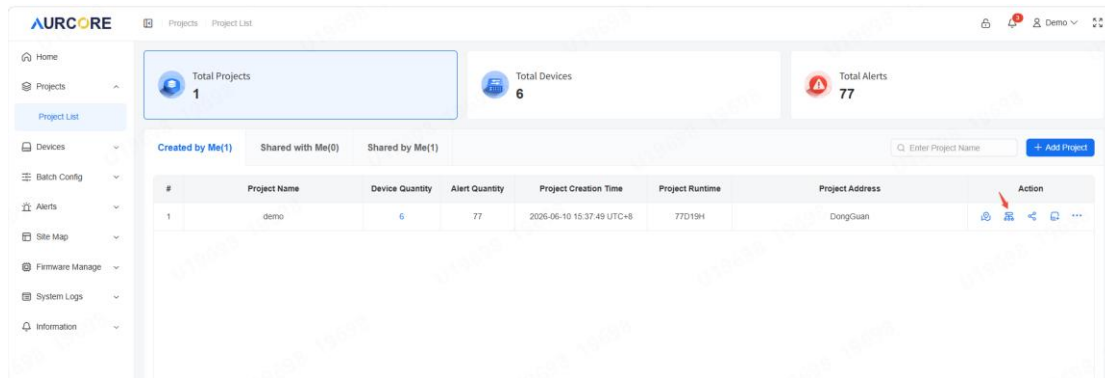


➤ Click  the map button will jump to the Floor Map page.

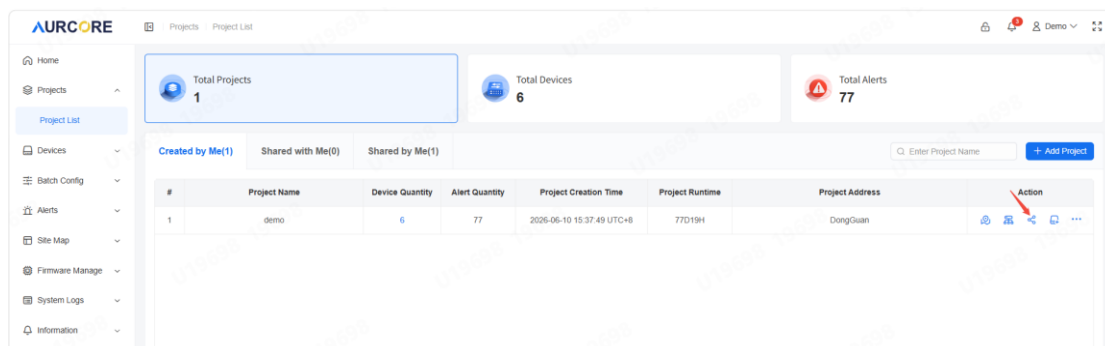


Note: In order to use the map function, make sure you have got the google map service, and can visit the internet.

➤ Click  the topo button will jump to the Network Topology page.



- **Project Sharing:** Share the project with other users for viewing, and set the read-write or read-only permission, as well as the corresponding time. After the time expires, the shared user cannot view or operate the project.



Project Sharing

* Recipient Account:

Please enter the recipient's email address

0 / 30

* Project Permissions:

☒ Edit Access

Can modify the project.

☐ View Only

Cannot modify the project.

* Project Validity:

1 day

After the validity period of a shared project expires, the shared user will not be able to view the project.

Cancel

Confirm

- Add device: Through the “Add Device” button to add device to the projects.

AURICORE

Projects

Project List

Home

Projects

Project List

Devices

Batch Config

Alerts

Site Map

Firmware Manage

System Logs

Total Projects

1

Total Devices

6

Total Alerts

77

Created by Me(1)

Shared with Me(0)

Shared by Me(1)

Enter Project Name

+ Add Project

#	Project Name	Device Quantity	Alert Quantity	Project Creation Time	Project Runtime	Project Address	Action
1	demo	6	77	2026-06-10 15:37:49 UTC+8	77D19H	DongGuan	

Add Device

Please enter your MAC address

+ Add

#	Device Type	Product Model	MAC Address	SN	Import Time	Verification Results	Ac
1	Switch	AES2003P	00 E6 07 03 00 06	00E607030006	2026-01-30 13:04:17 UTC+8	Success	
2	Switch	AIS2002P	00 E6 07 03 00 03	00E607030003	2026-01-30 13:04:17 UTC+8	Success	
3	Switch	AIS2002	00 E6 07 03 00 02	00E607030002	2026-01-30 13:04:17 UTC+8	Success	
4	Switch	AES4001P	00 E6 07 03 00 08	00E607030008	2026-01-30 13:04:17 UTC+8	Success	
5	Switch	AIS2002P	00 E6 07 03 00 04	00E607030004	2026-01-30 13:04:17 UTC+8	Success	
6	Switch	AIS2002	00 E6 07 03 00 00	00E607030000	2026-01-30 13:04:17 UTC+8	Success	
7	Switch	AES4001P	00 E6 07 03 00 07	00E607030007	2026-01-30 13:04:17 UTC+8	Success	
8	Switch	AIS2002P	00 E6 07 03 00 05	00E607030005	2026-01-30 13:04:17 UTC+8	Success	
9	Switch	AIS2002	00 E6 07 03 00 01	00E607030001	2026-01-30 13:04:17 UTC+8	Success	

Total 9

10/page

< 1 >

Go to 1

Add Device

Please enter your MAC address

+ Add

Single Import

Batch Import

#	Device Type	Product Model	MAC Address	SN	Import Time	Verification Results	
1	---	---	00:E6:07:00:05:38	---	2026-07-03 10:39:28 UTC+8	Success	
2	---	---	00:E6:07:00:17:64	---	2026-07-03 09:46:03 UTC+8	Success	
3	---	---	00:E6:07:00:21:1C	---	2026-06-23 20:57:15 UTC+8	Success	
4	Switch	AIS4001P	00:E6:07:00:0F:4E	54525100001	2026-06-18 15:35:53 UTC+8	Success	
5	Switch	AES4002	00:E6:07:00:06:04	38025100001	2026-06-18 15:35:45 UTC+8	Success	
6	Switch	AES2002P	00:E6:07:00:04:74	25425100001	2026-06-18 15:35:36 UTC+8	Success	
7	Switch	AES2001P	00:E6:07:00:00:08	SN000000001	2026-06-18 15:35:27 UTC+8	Success	
8	Switch	AES2001	84:E5:D8:E1:B5:82	4562503100005	2026-06-10 15:48:58 UTC+8	Success	
9	---	---	00:E6:07:00:16:D4	---	2026-06-10 15:37:49 UTC+8	Success	

Total 9

10/page

1

Go to 1

Add Device

Please enter your MAC address

+ Add

#	Device Type	Product Model	MAC Address	SN	Import Time	Verification Results	Acti
1	---	---	00:E6:07:00:05:38	---	2026-07-03 10:39:28 UTC+8	Success	
2	---	---	00:E6:07:00:17:64	---	2026-07-03 09:46:03 UTC+8	Success	
3	---	---	00:E6:07:00:21:1C	---	2026-06-23 20:57:15 UTC+8	Success	
4	Switch	AIS4001P	00:E6:07:00:0F:4E	54525100001	2026-06-18 15:35:53 UTC+8	Success	
5	Switch	AES4002	00:E6:07:00:06:04	38025100001	2026-06-18 15:35:45 UTC+8	Success	
6	Switch	AES2002P	00:E6:07:00:04:74	25425100001	2026-06-18 15:35:36 UTC+8	Success	
7	Switch	AES2001P	00:E6:07:00:00:08	SN000000001	2026-06-18 15:35:27 UTC+8	Success	
8	Switch	AES2001	84:E5:D8:E1:B5:82	4562503100005	2026-06-10 15:48:58 UTC+8	Success	
9	---	---	00:E6:07:00:16:D4	---	2026-06-10 15:37:49 UTC+8	Success	

Total 9

10/page

1

Go to 1

Single Add

* MAC: Please enter MAC

Cancel Confirm

Add Device

Please enter your MAC address

+ Add

Single Import

Batch Import

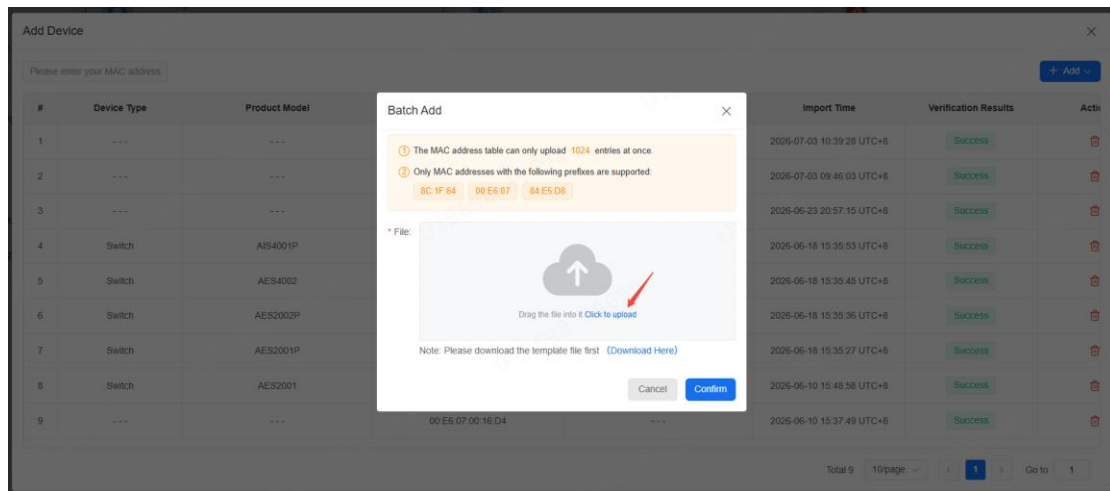
#	Device Type	Product Model	MAC Address	SN	Import Time	Verification Results	
1	---	---	00:E6:07:00:05:38	---	2026-07-03 10:39:28 UTC+8	Success	
2	---	---	00:E6:07:00:17:64	---	2026-07-03 09:46:03 UTC+8	Success	
3	---	---	00:E6:07:00:21:1C	---	2026-06-23 20:57:15 UTC+8	Success	
4	Switch	AIS4001P	00:E6:07:00:0F:4E	54525100001	2026-06-18 15:35:53 UTC+8	Success	
5	Switch	AES4002	00:E6:07:00:06:04	38025100001	2026-06-18 15:35:45 UTC+8	Success	
6	Switch	AES2002P	00:E6:07:00:04:74	25425100001	2026-06-18 15:35:36 UTC+8	Success	
7	Switch	AES2001P	00:E6:07:00:00:08	SN000000001	2026-06-18 15:35:27 UTC+8	Success	
8	Switch	AES2001	84:E5:D8:E1:B5:82	4562503100005	2026-06-10 15:48:58 UTC+8	Success	
9	---	---	00:E6:07:00:16:D4	---	2026-06-10 15:37:49 UTC+8	Success	

Total 9

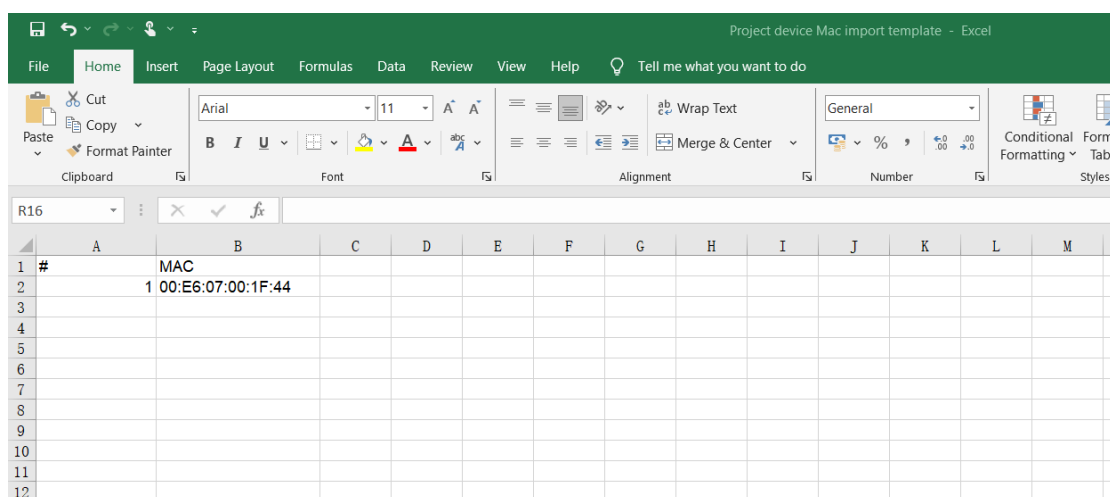
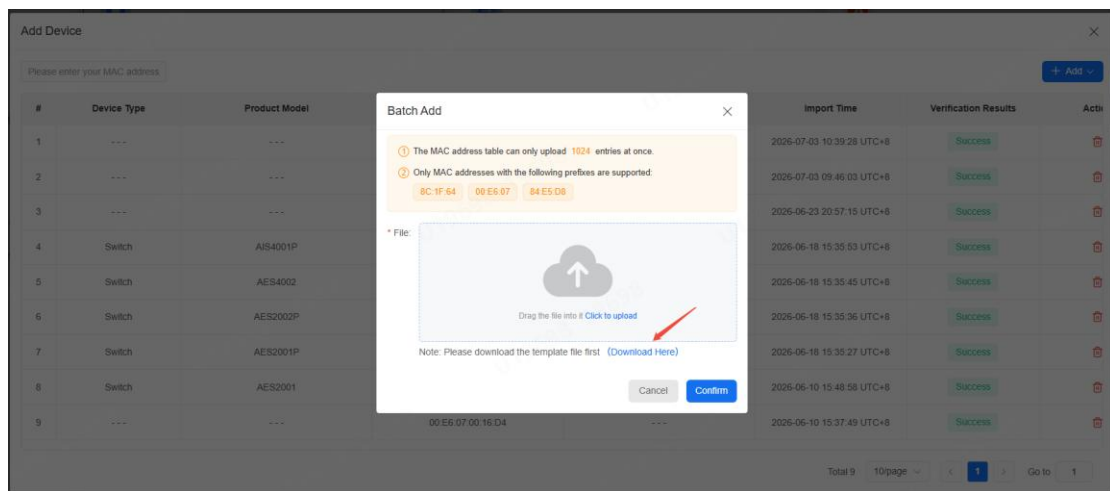
10/page

1

Go to 1

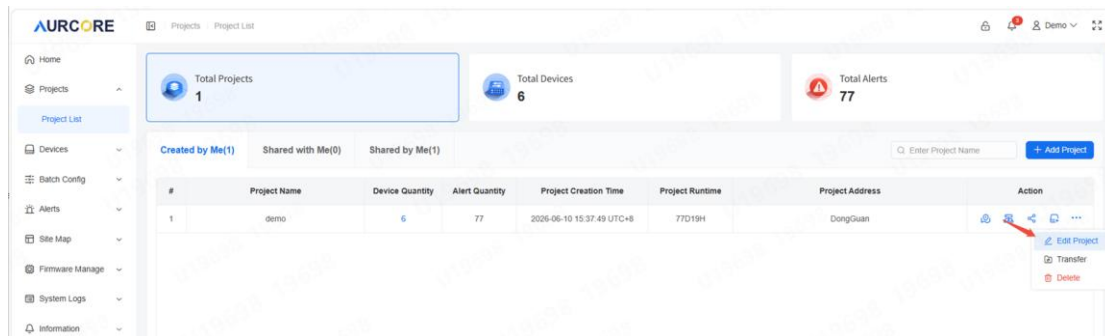


Before batch uploading devices through the devices list file, you can download the devices list file template.



Note: No line breaks or spaces shall be included in the input.

- Edit Project: Through the “Edit Project” button to edit the information of the project.



Edit Project

* Project Name: 4 / 100

Manager:

* Time Zone:

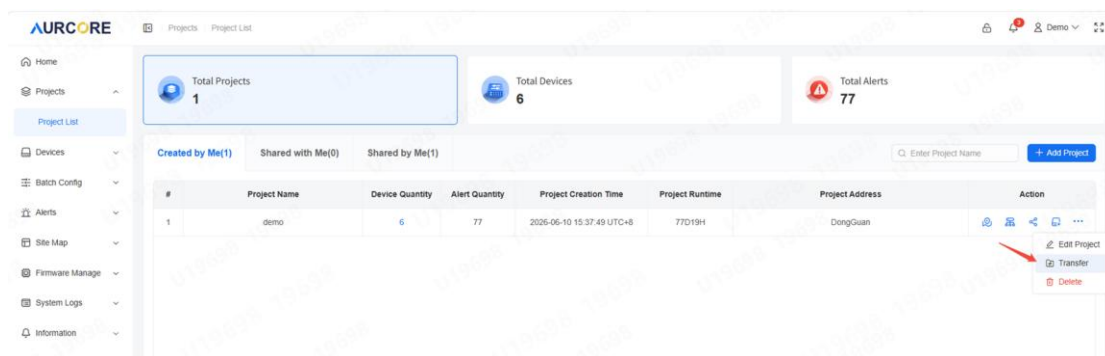
* Project Address: 8 / 100

* Project Location:

Google Maps is not accessible on the current network.

- Project Handover: After clicking Project Handover, enter the account of the project receiver. After the other party confirms the receipt, the project can be handed over to the receiver.

Note: Handing over a project will transfer all information, including the project, alarms and operation logs. After the handover, the transferor cannot view the project information after the handover.



Project Transfer

* Recipient Account:

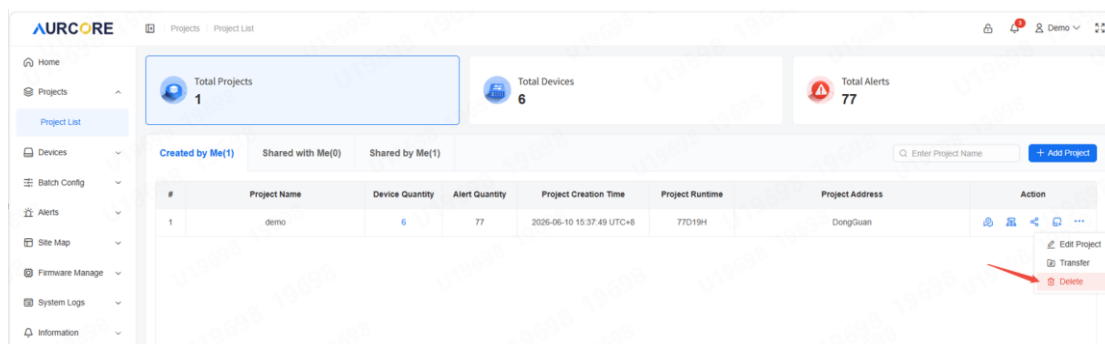
Please enter the recipient's email address 0 / 30

Note: After transfer, this project will be removed from your list and all backup configurations will be deleted.

Cancel

Confirm

- Delete project



Attention ✕

Are you sure you want to delete the **test** project

This action will unbind all devices, clear project records, and configuration data. This operation cannot be undone.

Proceed with caution.

Cancel

Confirm

Click the "Confirm" button to delete the project immediately. Please operate with caution.

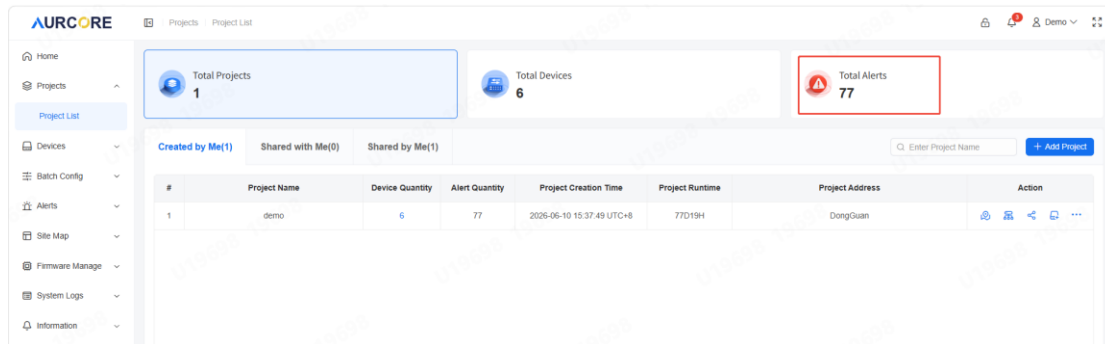
- Total project: Count the number of all projects managed by the account.

The screenshot shows the AURCORE Project List interface. The 'Total Projects' card is highlighted with a red box, showing a count of 1. The interface includes a sidebar with navigation options like Home, Projects, Devices, Alerts, and Site Map. The main area displays a table of projects with columns for Project Name, Device Quantity, Alert Quantity, Project Creation Time, Project Runtime, Project Address, and Action. The first project listed is 'demo' with 6 devices and 77 alerts.

- Total Devices: Count the number of devices in all projects.

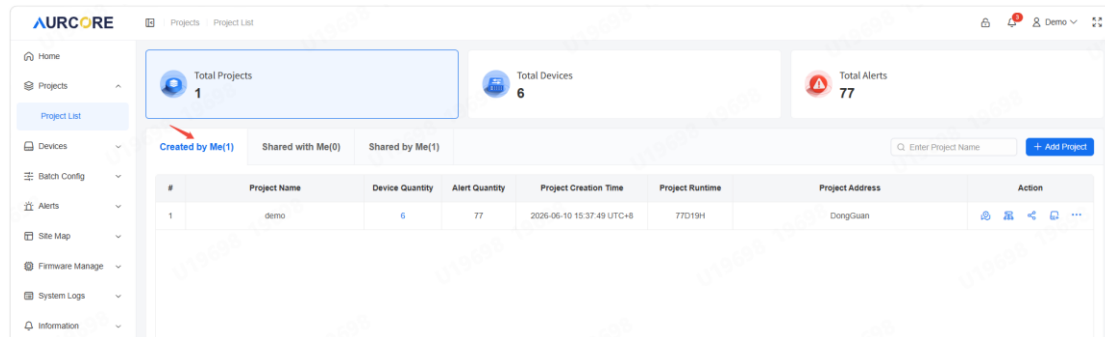
The screenshot shows the AURCORE Project List interface. The 'Total Devices' card is highlighted with a red box, showing a count of 6. The interface includes a sidebar with navigation options like Home, Projects, Devices, Alerts, and Site Map. The main area displays a table of projects with columns for Project Name, Device Quantity, Alert Quantity, Project Creation Time, Project Runtime, Project Address, and Action. The first project listed is 'demo' with 6 devices and 77 alerts.

- Total Alerts: Count the number of alarms in all projects.

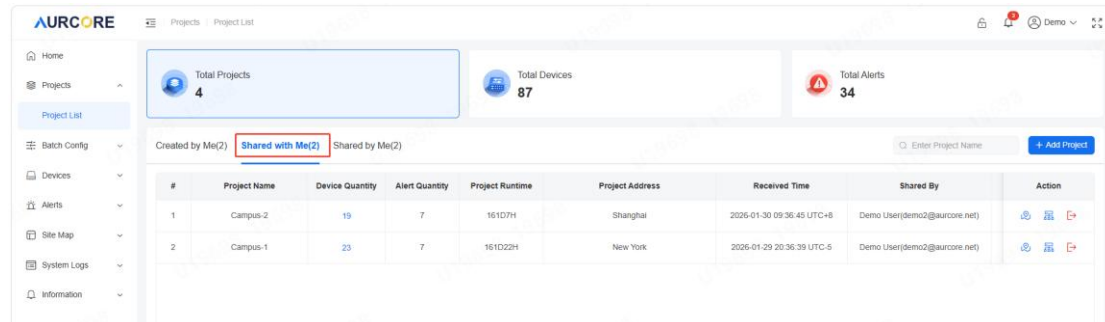


- Created by me: The project created by the user has all the permissions of the project.

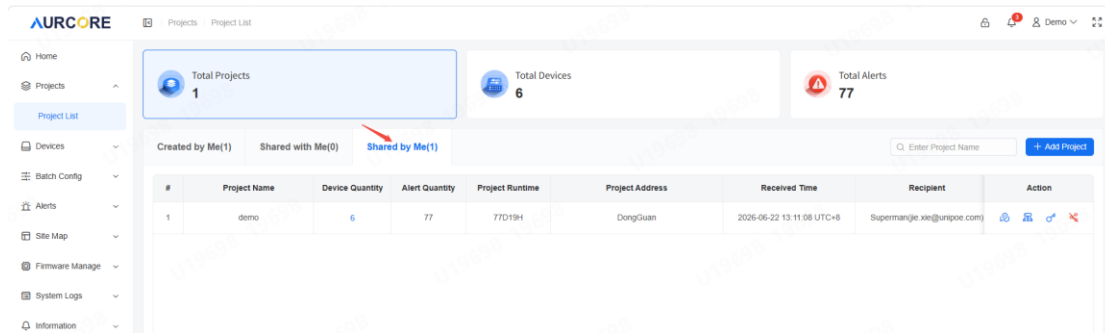
Projects transferred to me by other users will also appear in my created project list.



- Shared with me: Projects shared with me by other users.

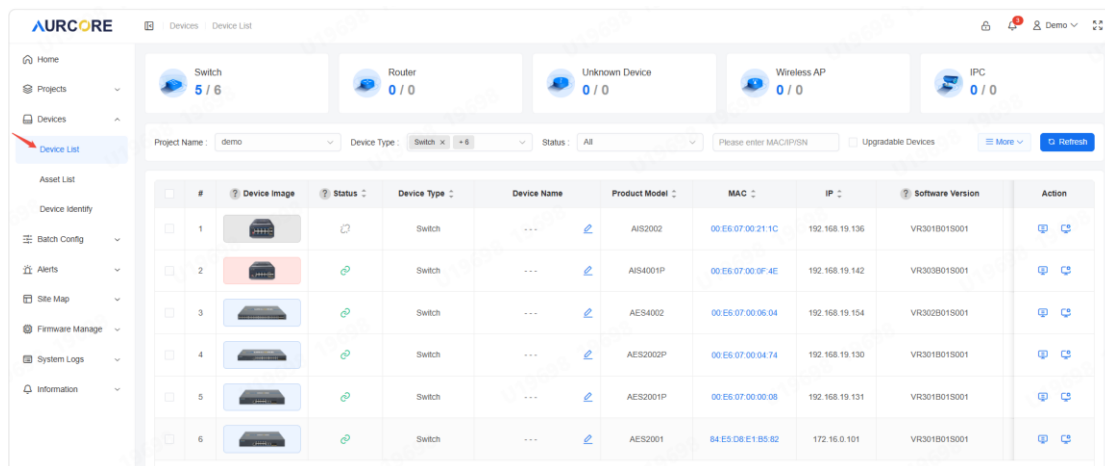


- Share by me: The projects I have shared with other users; I can edit the sharing permissions or stop sharing them.



4.3. Devices

a) Device List



Device Type Statistics: By default, it counts routers, switches, APs, IPCs and unknown devices. All unrecognizable devices are classified as unknown devices. The blue color indicates the number of online devices, and the gray color indicates the total number of devices.

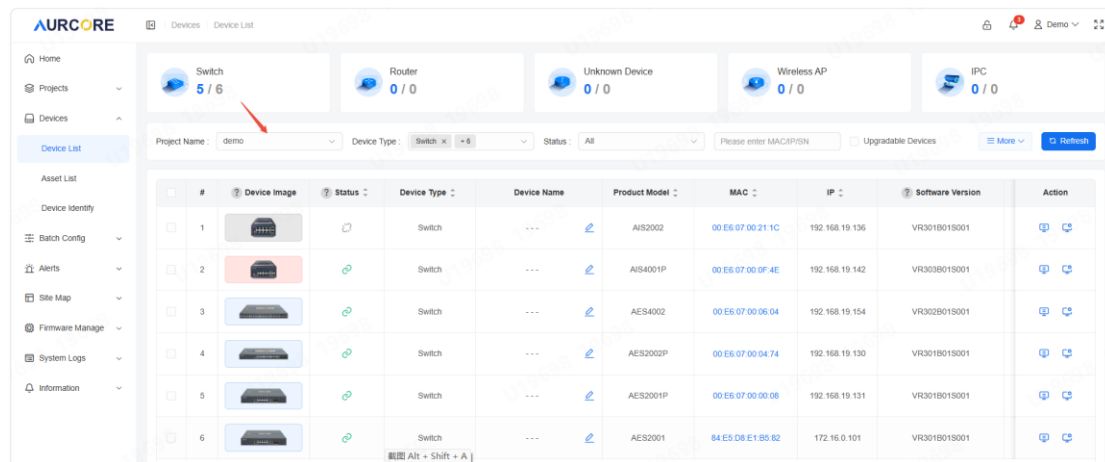


Device list display sorting: switch --- Virtual switch --- Router --- AC controller --- Wireless AP --- IP camera --- End Device --- Unknown

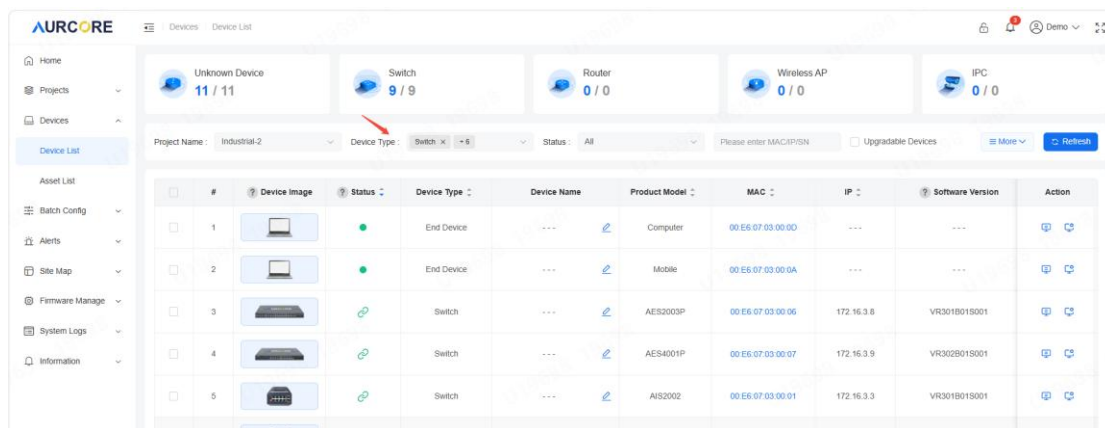
➤ View and search device information by category

Information can be displayed according to Project and device type and device status

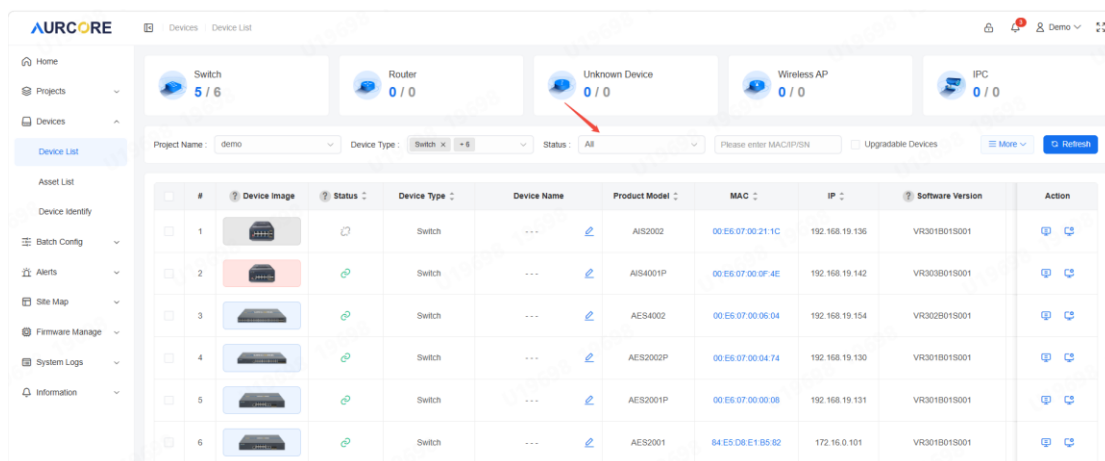
Information can be displayed according to Project.



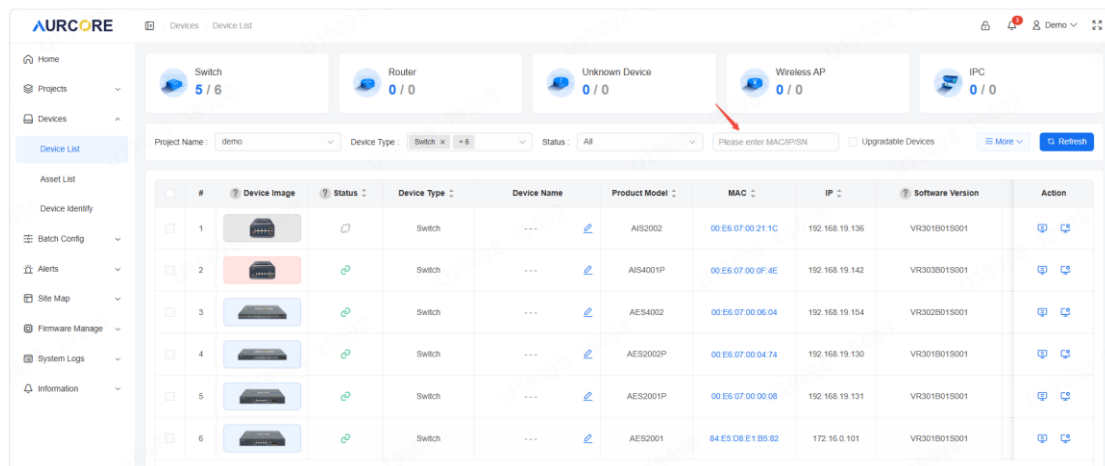
Information can be displayed according to device type.



Information can be displayed according to device status.

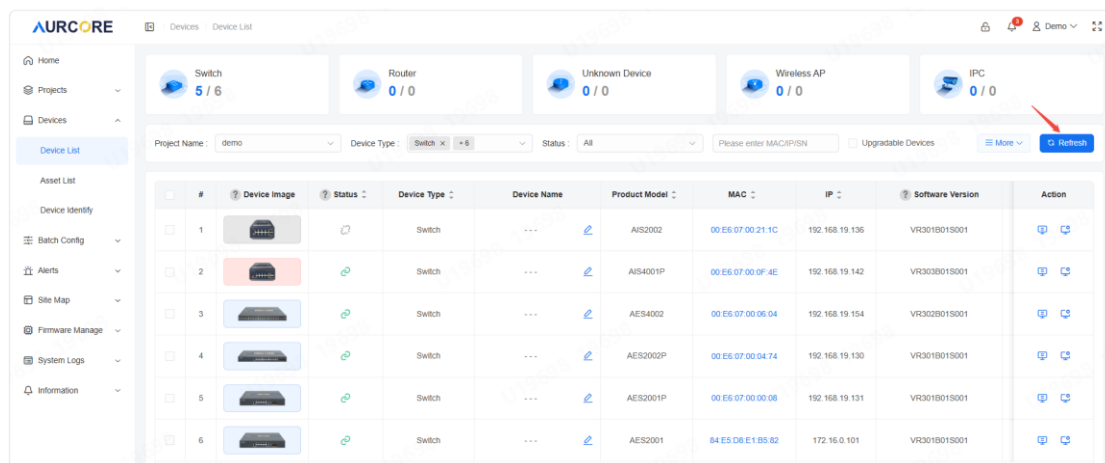


Enter MAC/SN to search and display.



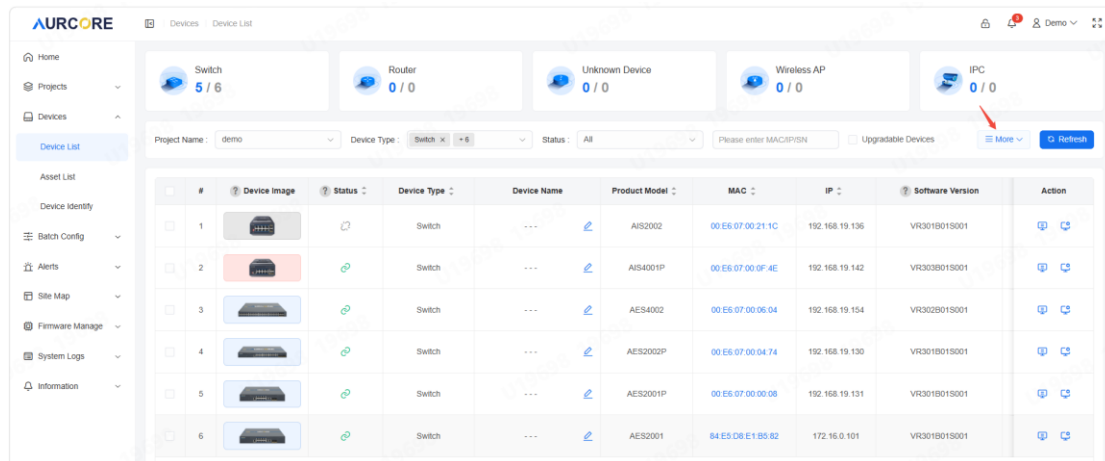
➤ Refresh the device

Click the button to refresh the device list.



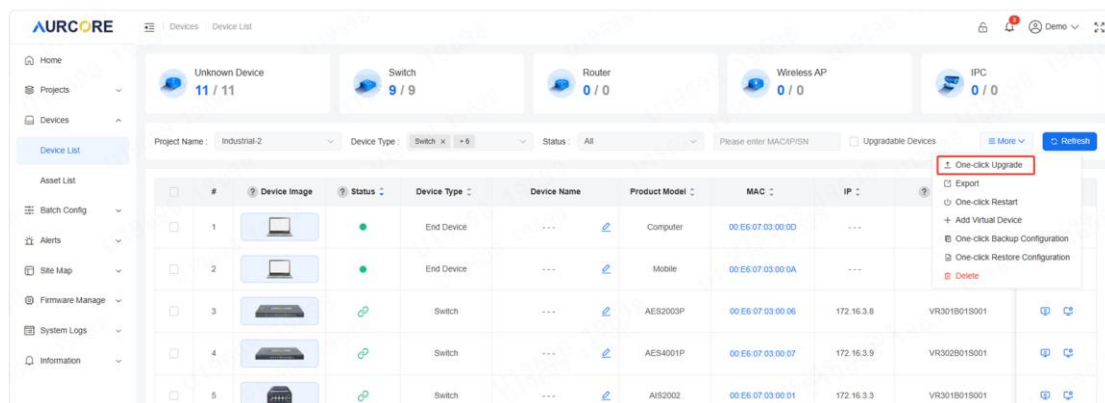
➤ More Operations

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.



Upgrade Device ✕

☐	#	Device Type	Product Model	MAC	Current Version	Latest Version
☐	1	Switch	HR-SPL3210-2F	8C:1F:64:82:23:F1	V200SP10250625	/

Total 1
10/page
1
Go to 1
Upgrade

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

Export device list:

Click "Export" , 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.

AURICORE

Home

Projects

Devices

Device List

Asset List

Batch Config

Alerts

Site Map

Firmware Manage

System Logs

Information

Unknown Device

11 / 11

Switch

9 / 9

Router

0 / 0

Wireless AP

0 / 0

IPC

0 / 0

Project Name: Industrial-2

Device Type: Switch

Status: All

Please enter MAC/IP/SN

Upgradable Devices

More

Refresh

☐	#	Device Image	Status	Device Type	Device Name	Product Model	MAC	IP		
☐	1		●	End Device	...	Computer	00:E6:07:03:00:0D	...	One-click Upgrade Export One-click Restart Add Virtual Device One-click Backup Configuration One-click Restore Configuration Delete	
☐	2		●	End Device	...	Mobile	00:E6:07:03:00:0A	...		
☐	3		●	Switch	...	AES2003P	00:E6:07:03:00:06	172.16.3.8	VR301B01S001	
☐	4		●	Switch	...	AES4001P	00:E6:07:03:00:07	172.16.3.9	VR302B01S001	
☐	5		●	Switch	...	AIS2002	00:E6:07:03:00:01	172.16.3.3	VR301B01S001	

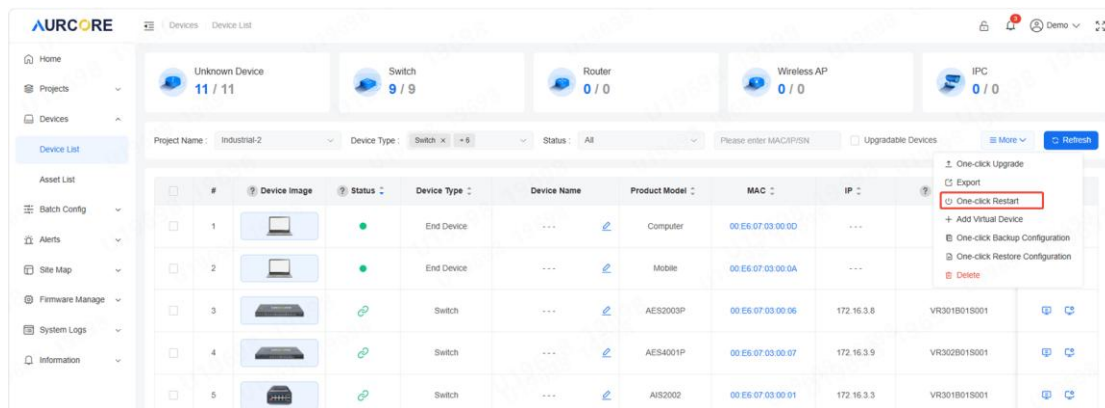
Downloads

Device2025-12-12.xlsx

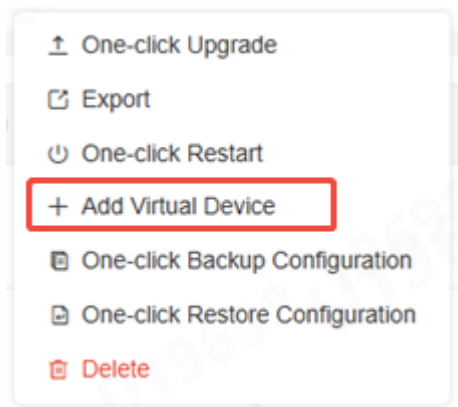
Open file

See more

One-click Restart:



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 Model Name:

Please enter model name

Virtual Device SN:

Please enter the SN

Virtual Device Ownership:

Please enter ownership

* Upstream Device:

Please select the upstream device

* Upstream Device Port:

Please select the uplink device port

▼

Cancel

Confirm

Select Upstream Device

×

Please enter a keyword

#	Device Type	Product Model	MAC	Geographic Location	Action
1	Switch	HR-SPL3210-2F	8C:1F:64:82:17:DF	---	Select
2	Switch	HR-SPL3210-2F	8C:1F:64:82:D9:13	---	Select
3	Switch	HR-SPL3210-2F	8C:1F:64:82:D7:CB	---	Select
4	Switch	HR-SPL3210-2F	8C:1F:64:82:91:6D	---	Select
5	Switch	HR-SPL3210-2F	8C:1F:64:82:B9:D5	---	Select
6	Switch	HR-SPL3210-2F	8C:1F:64:82:1D:BC	---	Select
7	Switch	HR-SPL3210-2F	8C:1F:64:82:53:8D	---	Select
8	Switch	HR-SPL3210-2F	8C:1F:64:82:07:38	---	Select
9	Switch	HR-SPL3210-2F	8C:1F:64:82:6D:7F	---	Select

Total 49

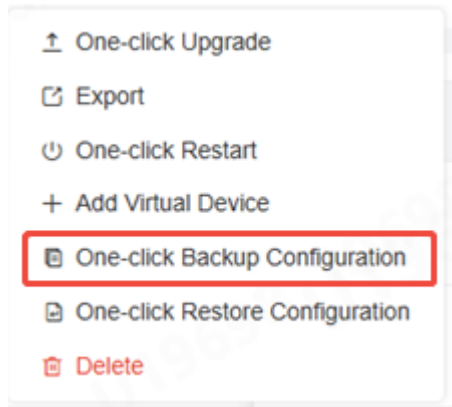
10/page

< 1 2 3 4 5 >

Go to 1

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:



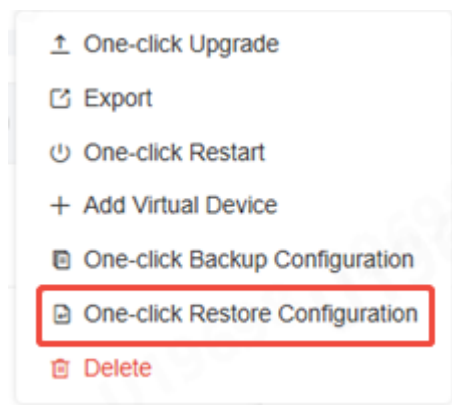
Select the device that needs to be backed up, enter the name of the backup document to back up the configuration locally; Suggested file name is product model + date combination.

A dialog box titled 'Configuration Backup' with a close button (X) in the top right corner. It contains a label '* File Naming:' followed by a text input field with the placeholder text 'Please enter the backup file name'. At the bottom, there are two buttons: 'Cancel' and 'Confirm'.

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

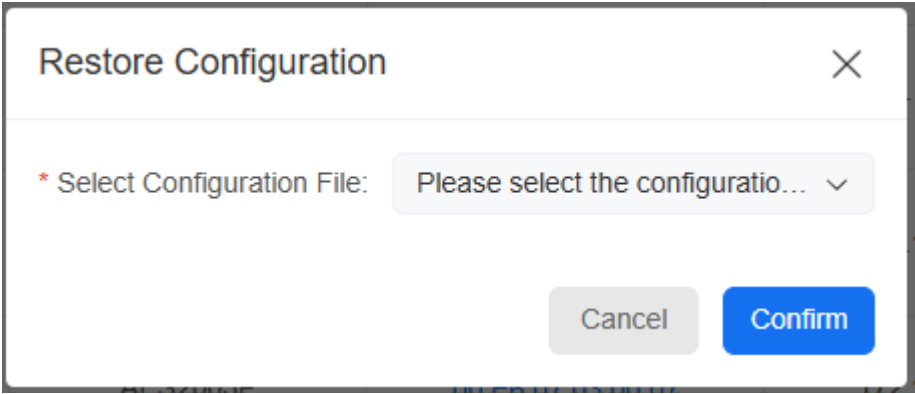
Currently, only backup switch configuration documents are supported.

One-Click Recovery Configuration:



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

to restore the device configuration.

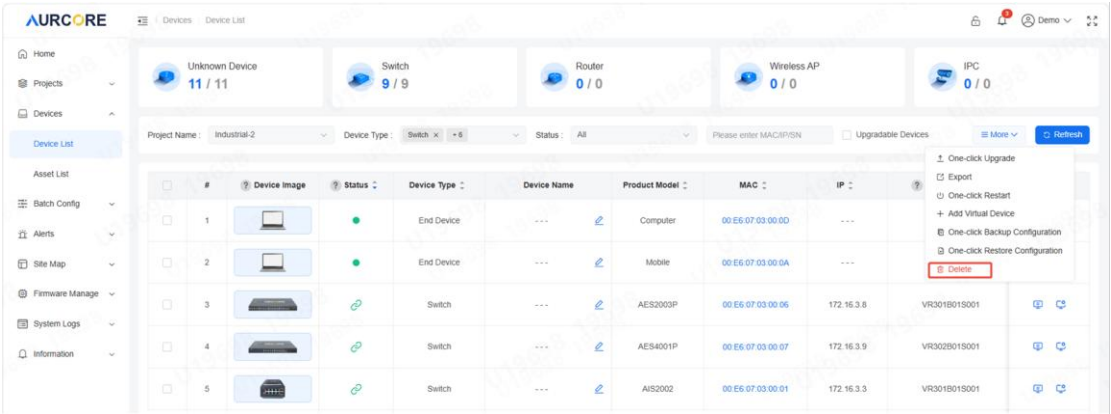


Note: If no device is selected, all switch configurations will be restored by default.

Currently only supports restoring switch configuration documents.

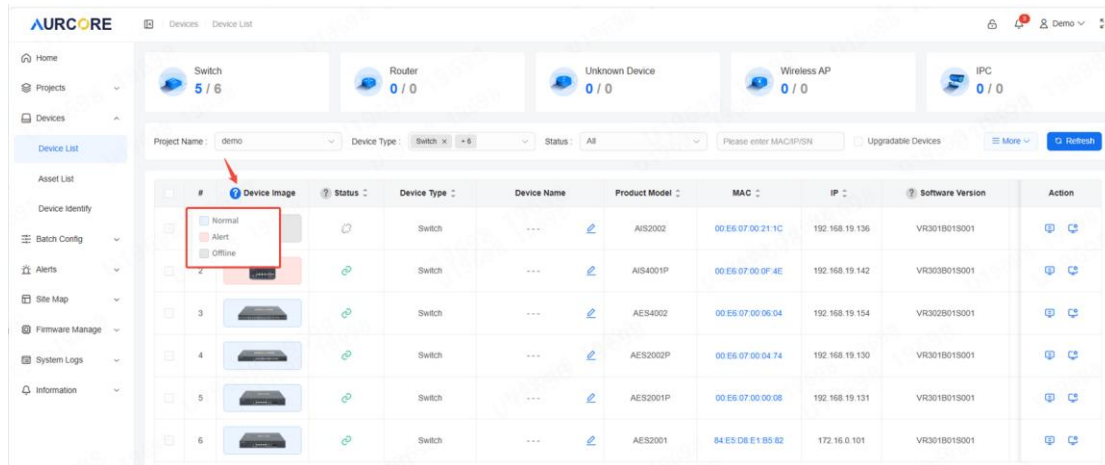
➤ Delete device

Select the device, click “Delete” , the system will delete the device from the device list.



➤ Device List

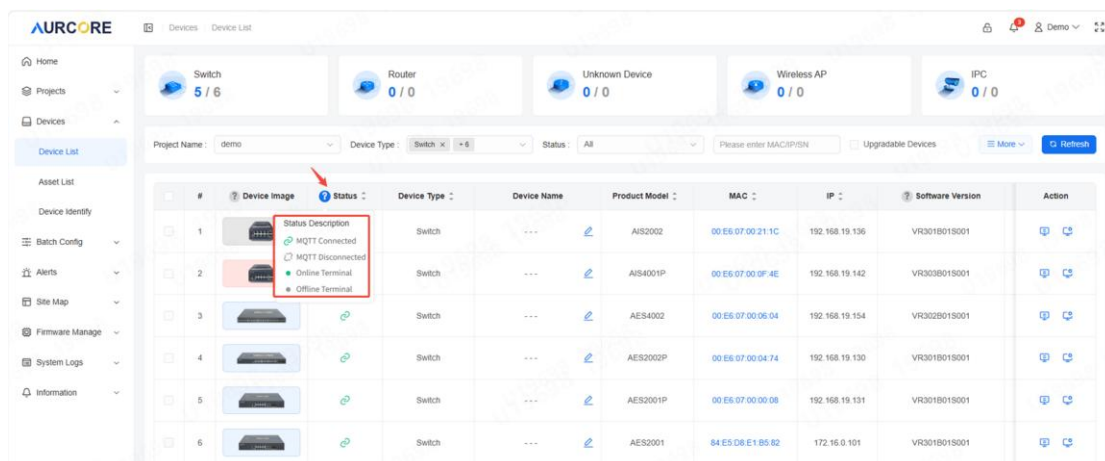
Move the mouse to  and display icon information for different device states.



Normal: No alert, no offline, running normally.

Alert: No offline, something happened to the device.

Offline: Device is offline, need to check the reason.



Note: MQTT status indicates the status of the device which has built MQTT connection with the ACN. Terminal status indicates the status of the device which is found by the ACN, the usual reason of the offline status is that the terminal has been removed or power off.

➤ Sorting method

Default sorting, sorting in ascending or descending order by initials.

#	Device Image	Status	Device Type	Device Name	Product Model	MAC	IP	Software Version	Action
1			Switch	---	AIS2002	00 E6 07 00 21 1C	192.168.19.136	VR301B01S001	
2			Switch	---	AIS4001P	00 E6 07 00 0F 4E	192.168.19.142	VR303B01S001	
3			Switch	---	AES4002	00 E6 07 00 06 04	192.168.19.154	VR302B01S001	
4			Switch	---	AES2002P	00 E6 07 00 04 74	192.168.19.130	VR301B01S001	
5			Switch	---	AES2001P	00 E6 07 00 00 06	192.168.19.131	VR301B01S001	
6			Switch	---	AES2001	84 E5 D8 E1 B5 82	172.16.0.101	VR301B01S001	

➤ Monitor

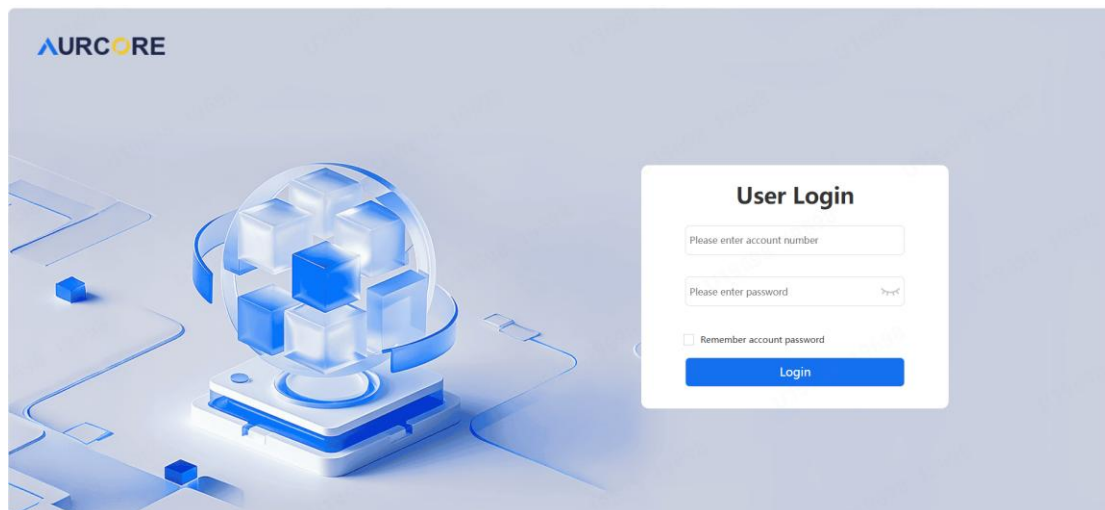
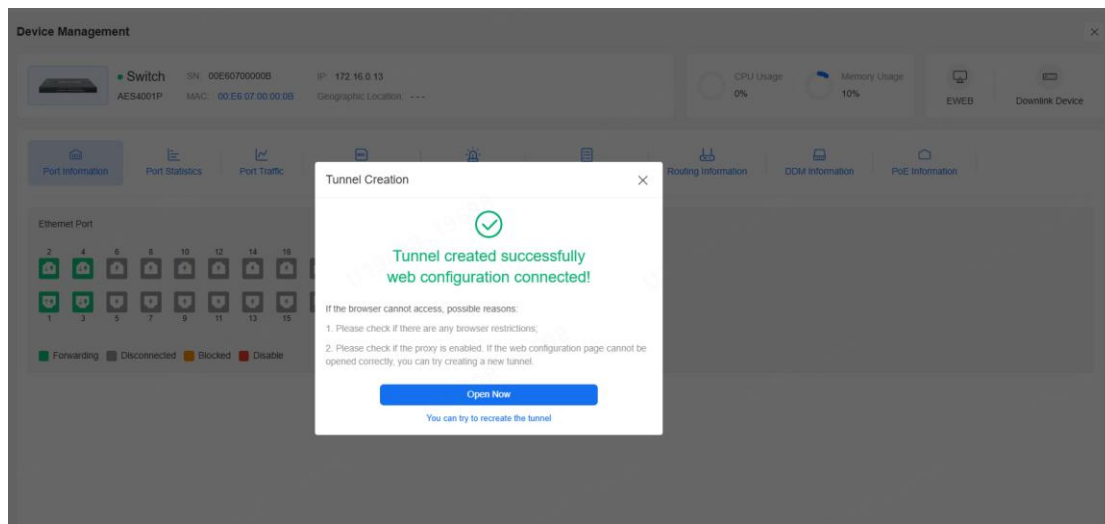
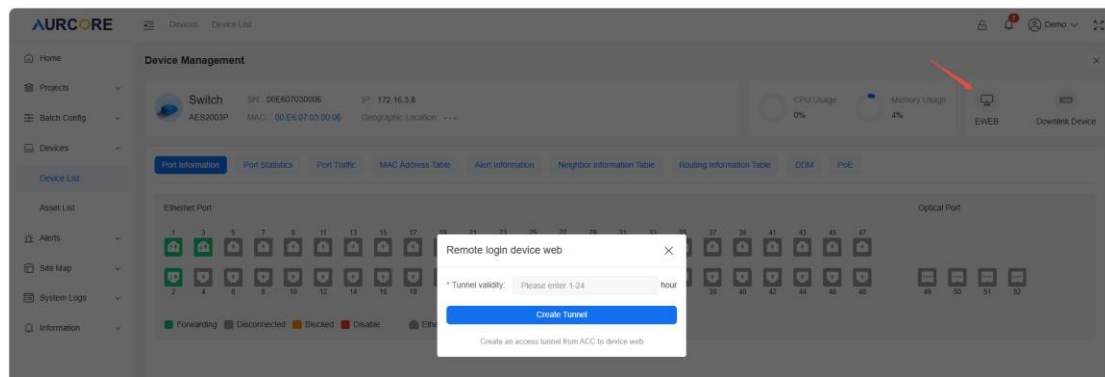
Click monitor button to view the relevant information of the device.

#	Device Image	Status	Device Type	Device Name	Product Model	MAC	IP	Software Version	Action
1			Switch	---	AIS2002	00 E6 07 00 21 1C	192.168.19.136	VR301B01S001	
2			Switch	---	AIS4001P	00 E6 07 00 0F 4E	192.168.19.142	VR303B01S001	
3			Switch	---	AES4002	00 E6 07 00 06 04	192.168.19.154	VR302B01S001	
4			Switch	---	AES2002P	00 E6 07 00 04 74	192.168.19.130	VR301B01S001	
5			Switch	---	AES2001P	00 E6 07 00 00 06	192.168.19.131	VR301B01S001	
6			Switch	---	AES2001	84 E5 D8 E1 B5 82	172.16.0.101	VR301B01S001	

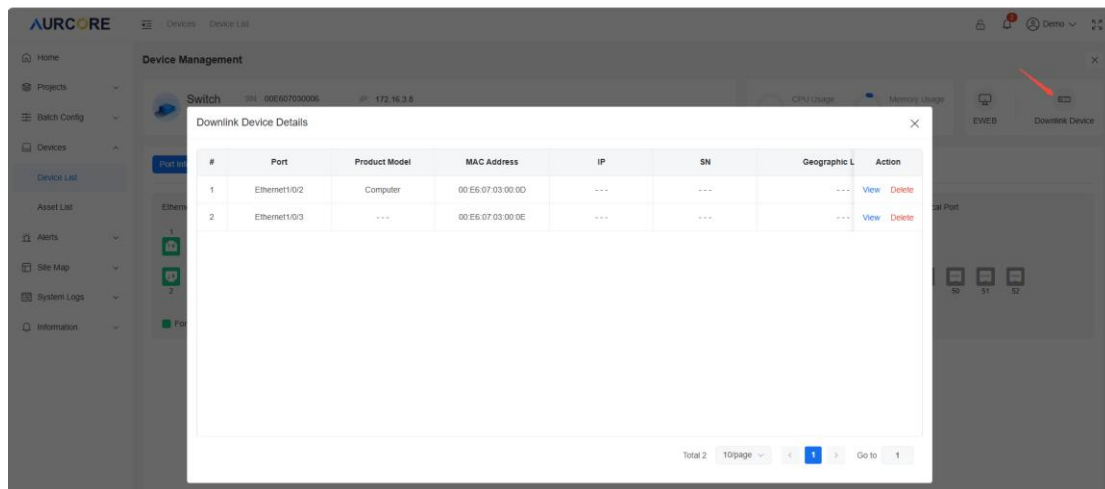
Display device name, IP address, MAC address, serial number (SN), CPU usage, memory usage and other information.

Device Management	
Switch SN: 00E607000006 IP: 172.16.3.8 MAC: 00 E6 07 03 00 06 Geographic Location: ---	CPU Usage: 0% Memory Usage: 4%
Port Information	
Ethernet Port	Optical Port
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48	49 50 51 52
Legend: Forwarding Disconnected Blocked Disable Ethernet Port Optical Port Uplink Port PoE	

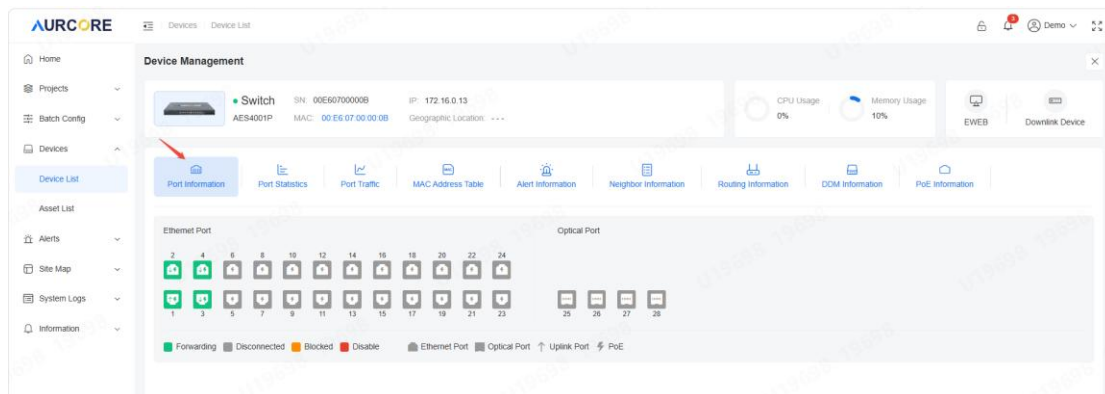
Access the Switch WEB UI through "EWEB" .



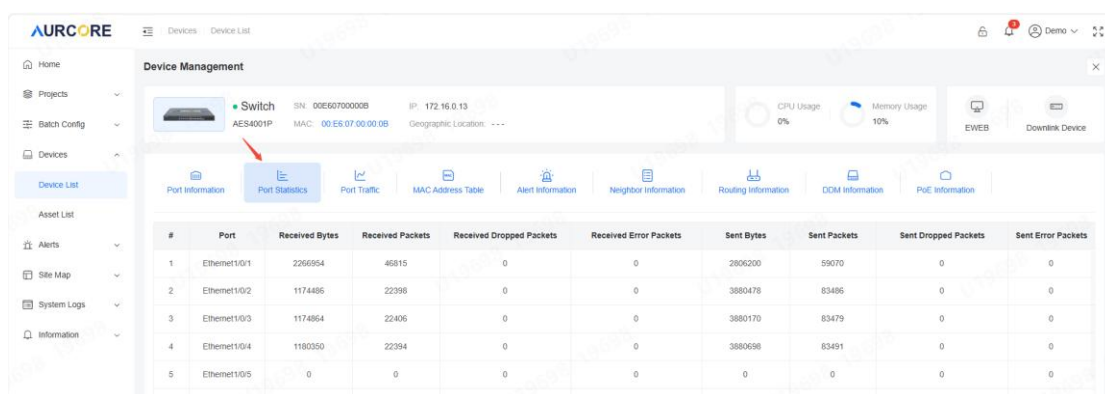
Get the downlink devices through "Down Link Devices" .



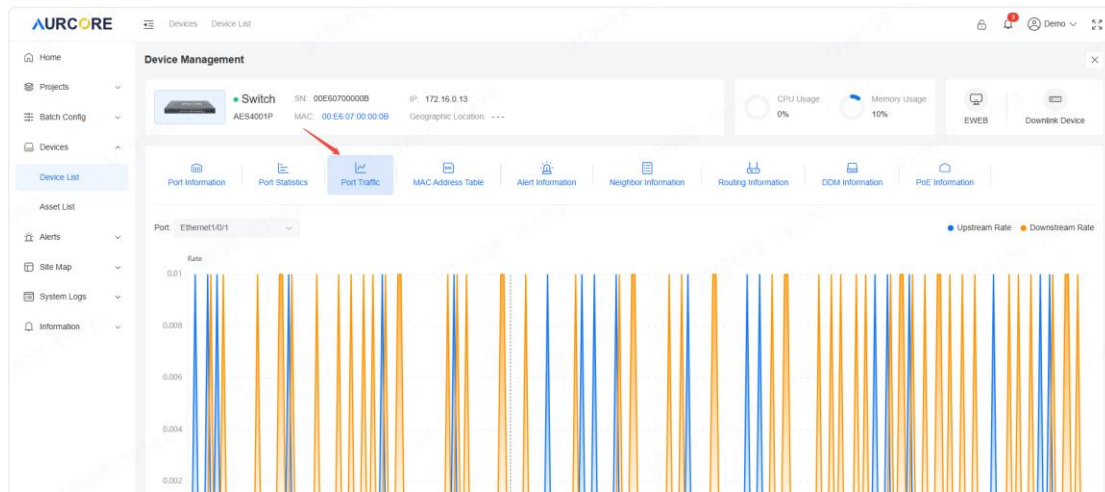
"Port Information" shows the port basic information, such as type, rate, states etc.



"Port Statistics" shows the port packets statistics, such as Received Bytes, Received Packets, Received Dropped Packets, Received Error Packets etc.



"Port Traffic" shows each port historical traffic flow.



"MAC Address Table" shows MAC address of the switch.

The screenshot shows the AURCORE Device Management interface for a switch (AES4001P). The 'MAC Address Table' tab is selected, displaying a table with columns: #, MAC, VLAN, Port, and Type. The table lists 9 entries, all with MAC addresses starting with 00:E5:07:00:00 and Port Ethernet1/0/1.

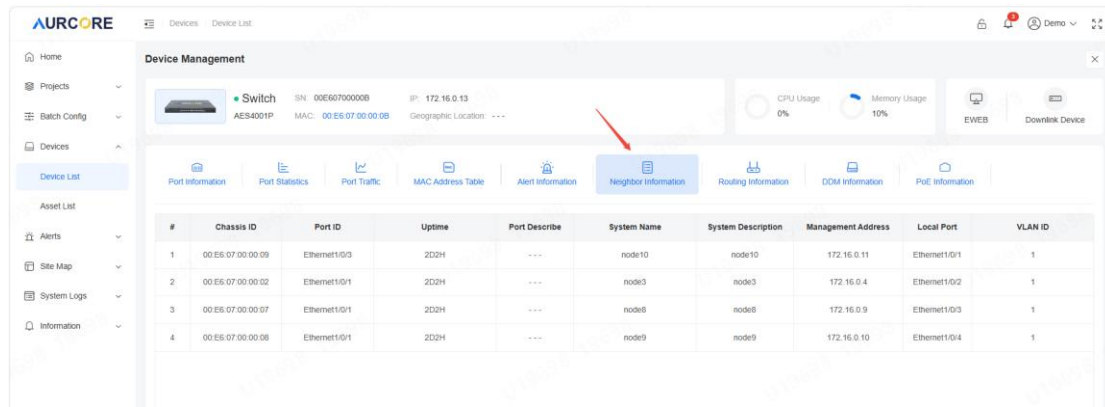
#	MAC	VLAN	Port	Type
1	00:E5:07:00:00:00	1	Ethernet1/0/1	dynamic
2	00:E5:07:00:00:01	1	Ethernet1/0/1	dynamic
3	00:E5:07:00:00:03	1	Ethernet1/0/1	dynamic
4	00:E5:07:00:00:09	1	Ethernet1/0/1	dynamic
5	00:E5:07:00:00:0A	1	Ethernet1/0/1	dynamic
6	00:E5:07:00:00:0C	1	Ethernet1/0/1	dynamic
7	00:E5:07:00:00:0F	1	Ethernet1/0/1	dynamic
8	00:E5:07:00:00:10	1	Ethernet1/0/1	dynamic
9	00:E5:07:00:00:15	1	Ethernet1/0/1	dynamic

"Alert Information" shows alarm information of the switch.

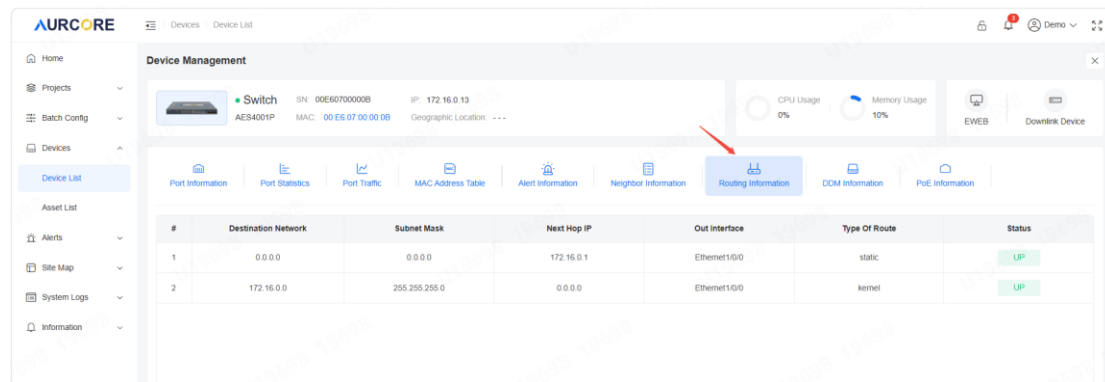
The screenshot shows the AURCORE Device Management interface for a switch (AES4001P). The 'Alert Information' tab is selected, displaying a table with columns: Alert Type, Alert Status, and Alert Time. The table lists 1 entry: Offline Alert, Resolved, 2026-06-22 01:58:15 UTC-4.

Alert Type	Alert Status	Alert Time
Offline Alert	Resolved	2026-06-22 01:58:15 UTC-4

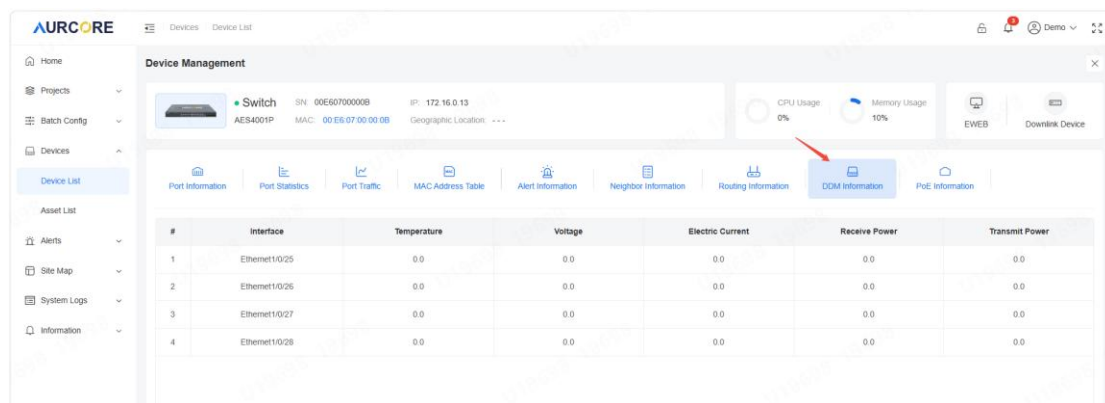
"Neighbor Information" shows neighbor information of the switch.



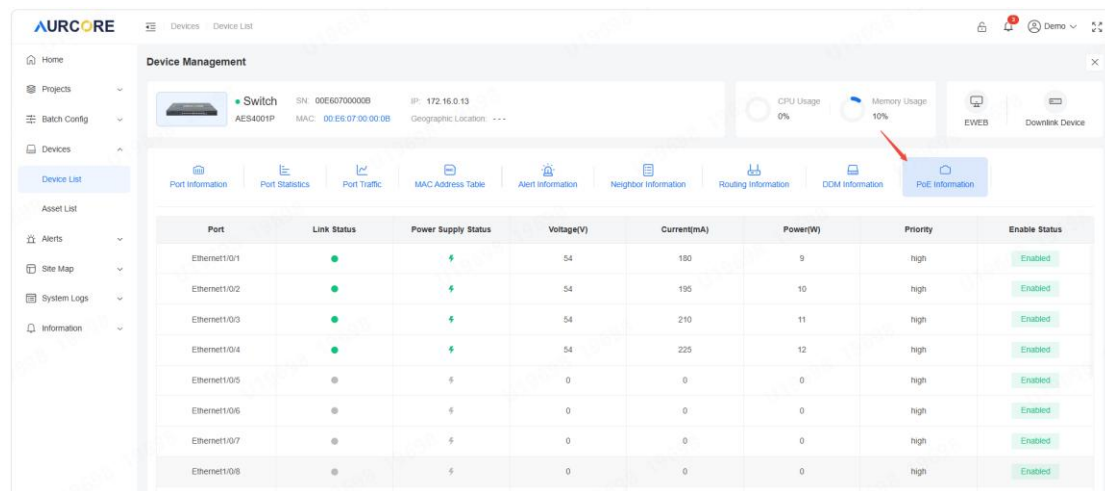
“Routing Information” shows routing information of the switch, including static routing, direct routing, dynamic routing etc.



“DDM Information” shows optical port information of the switch, including Temperature, Voltage, Electric Current etc.

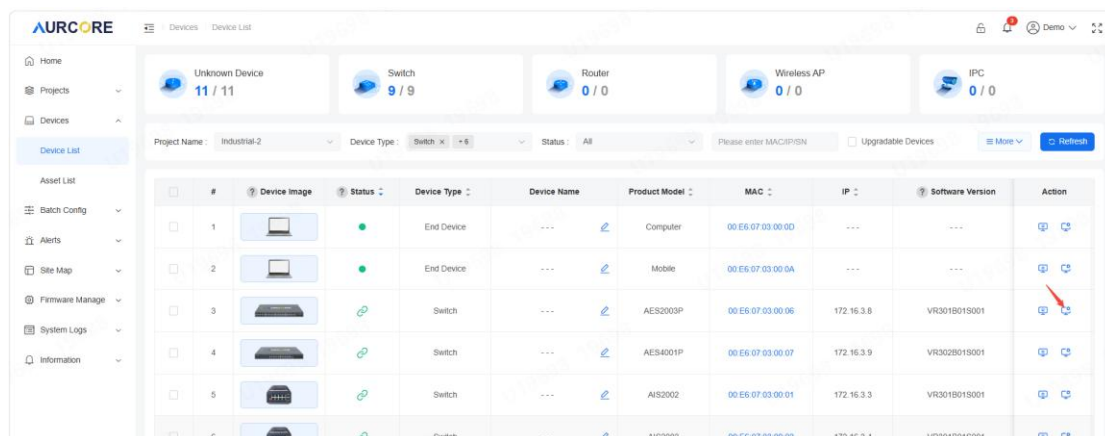


“PoE Information” shows port PoE information of the switch.

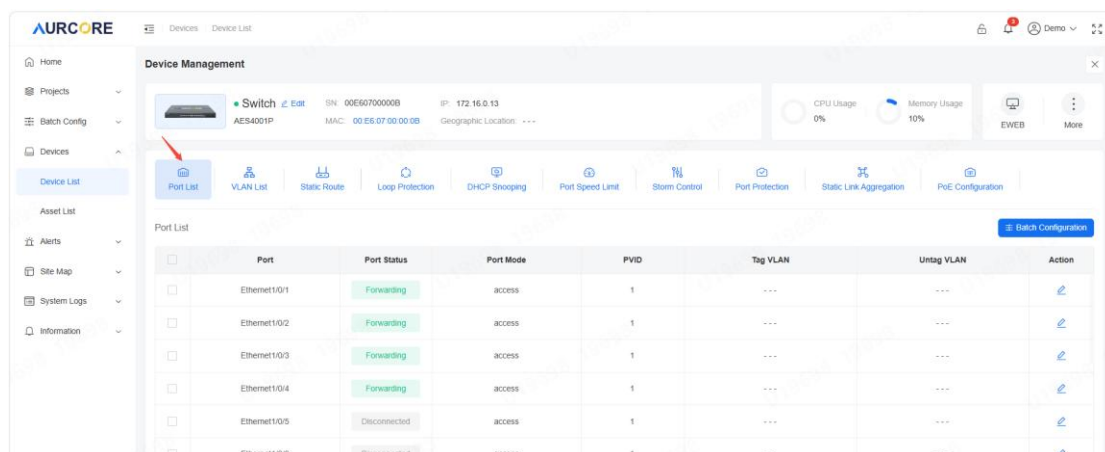


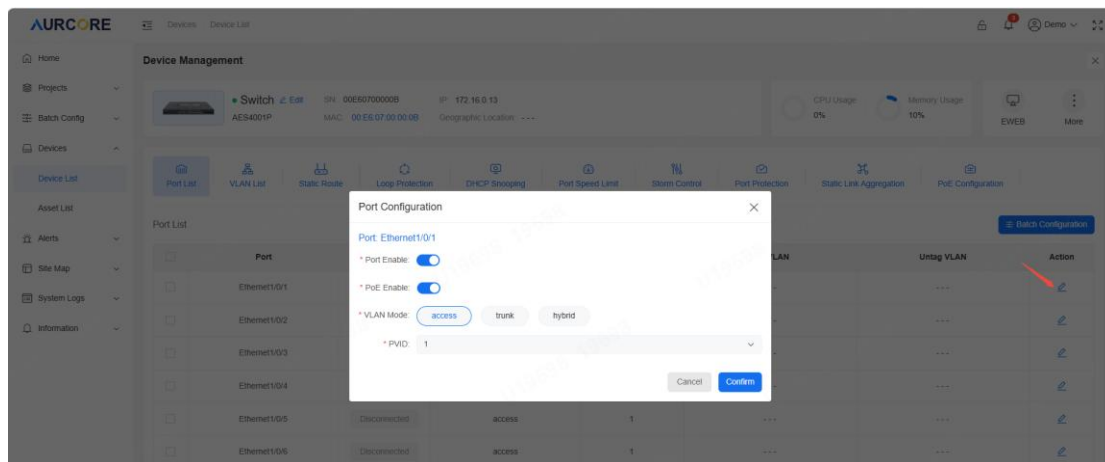
➤ Configure

Click  configure button to do the relevant configuration of the device.

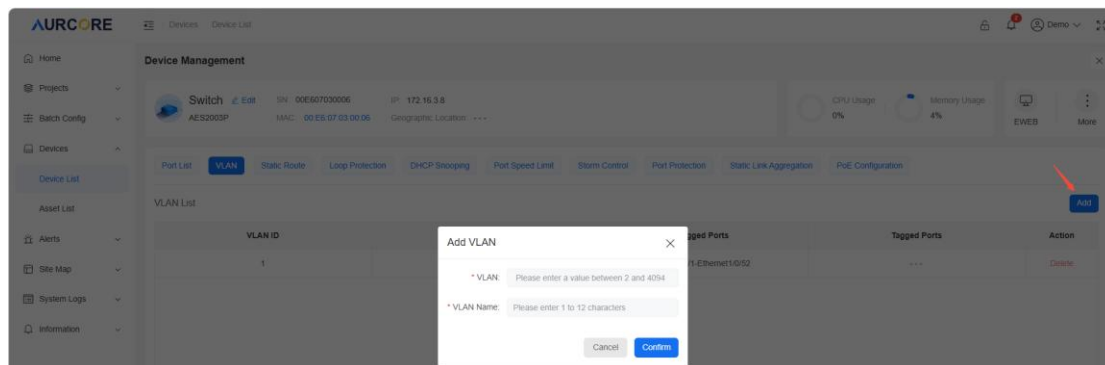
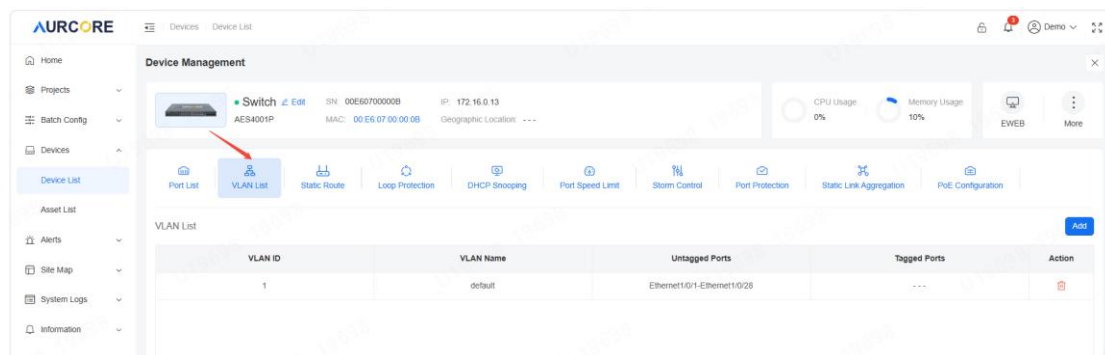


The "Port List" section is used to configure the VLAN of ports.

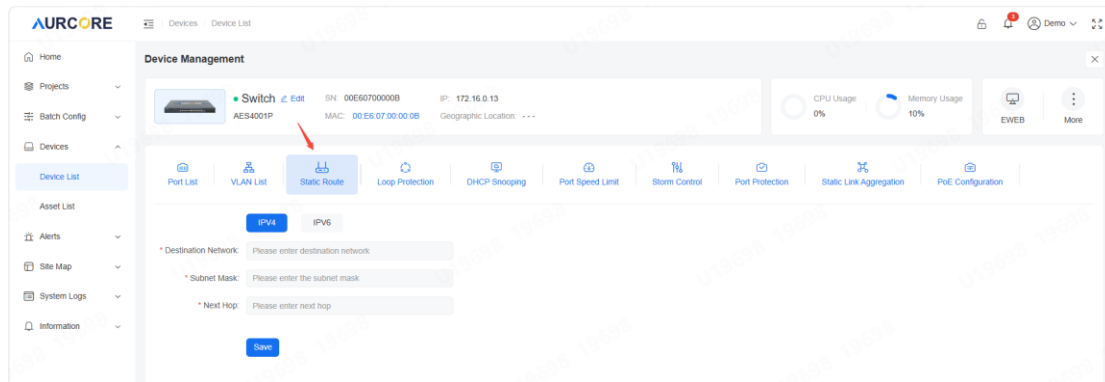




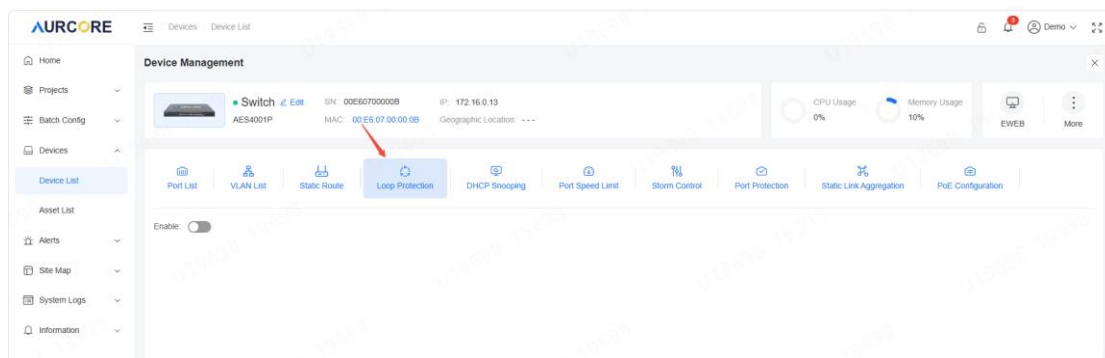
The "VLAN List" section is used to create VLAN.



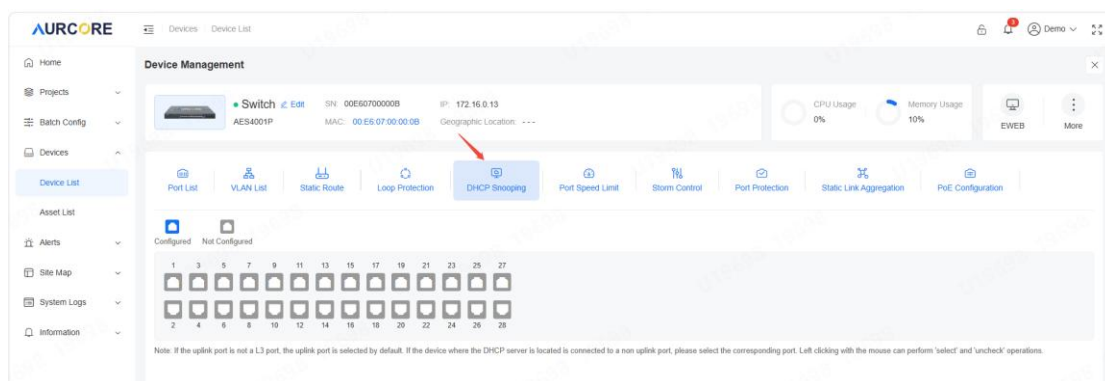
The "Static Route" section is used to add static routing, IPV4 and IPV6 all supported.



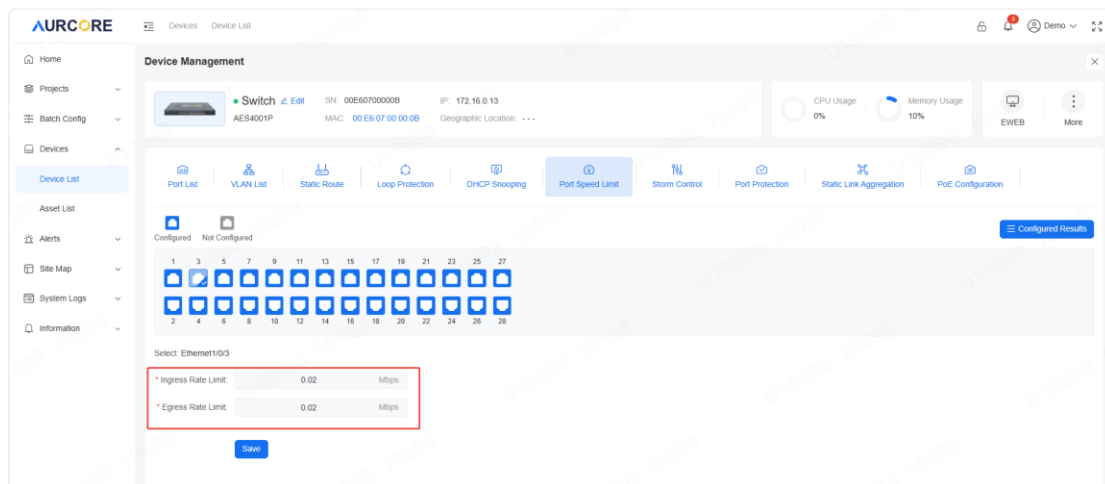
The “Loop Protection” section is used to enable “Loop Protection” for the switch.



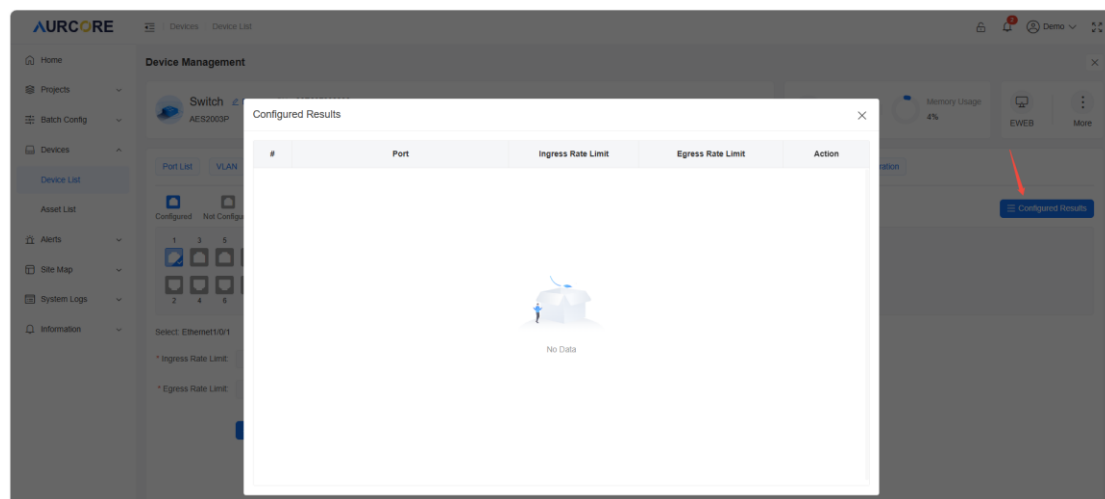
The “DHCP Snooping” section is used to configure DHCP trustworthy port for the switch. The DHCP Snooping function needs to be turned on before configuring the trust port.



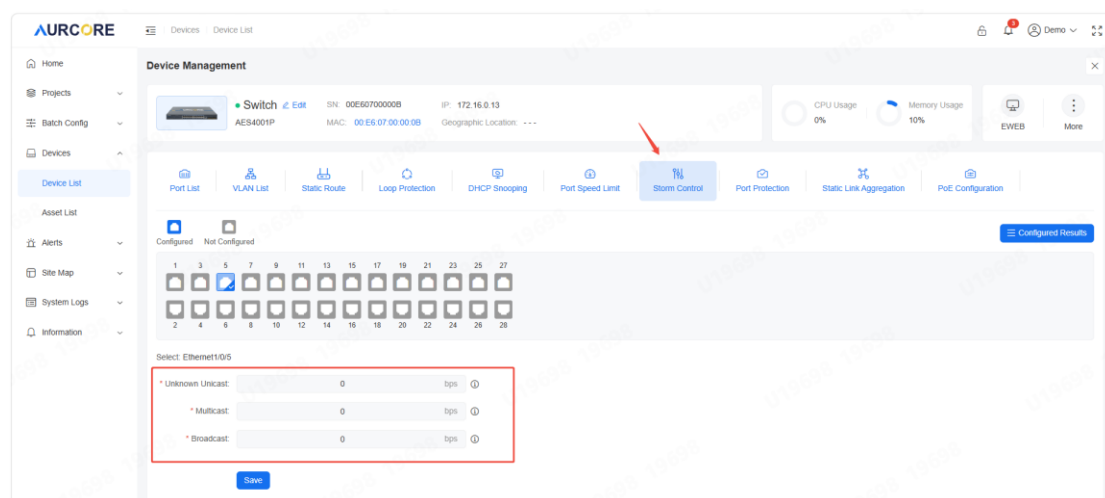
The “Port Speed Limit” section is used to set the speed limit for each port.



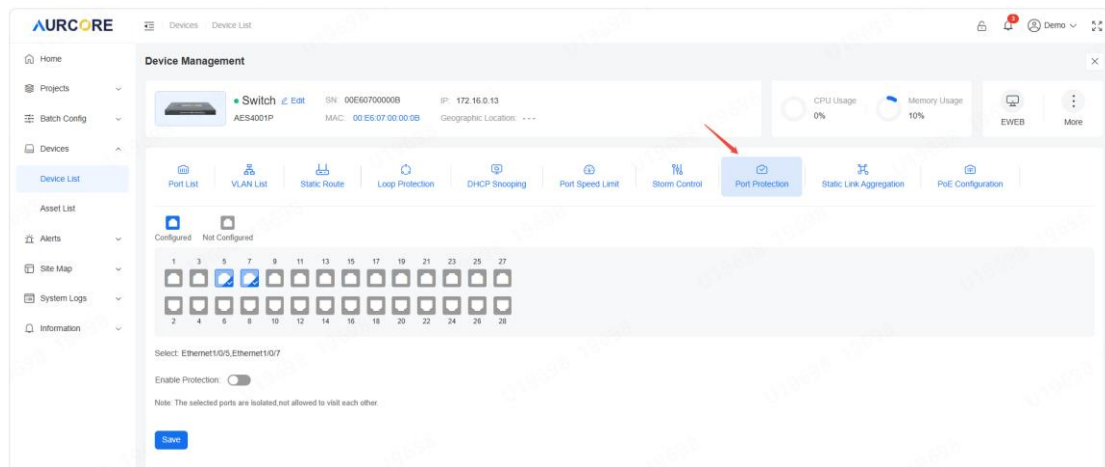
You can see the configuration result through “Configuration Results” button.



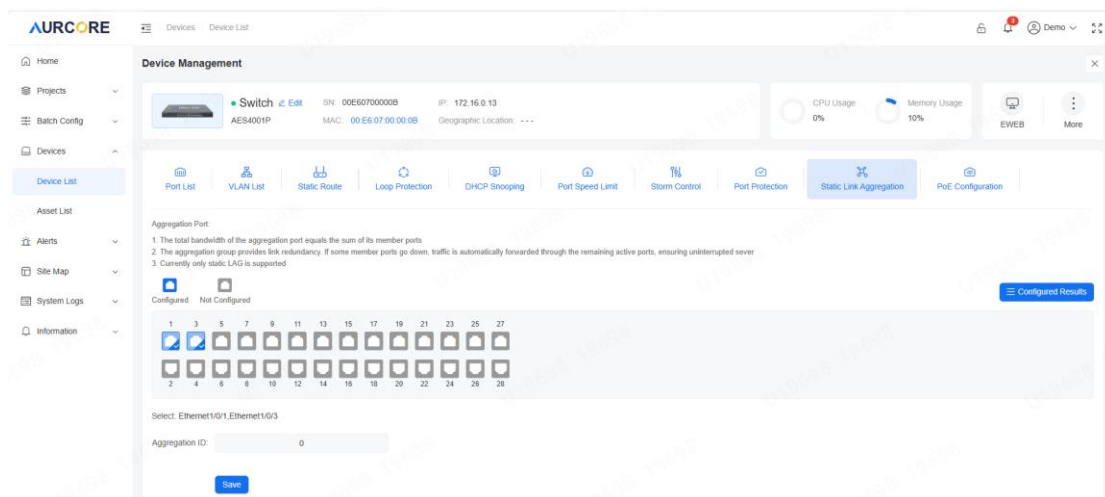
The “Storm Control” section is used to set the speed limit of BUM packets for each port.



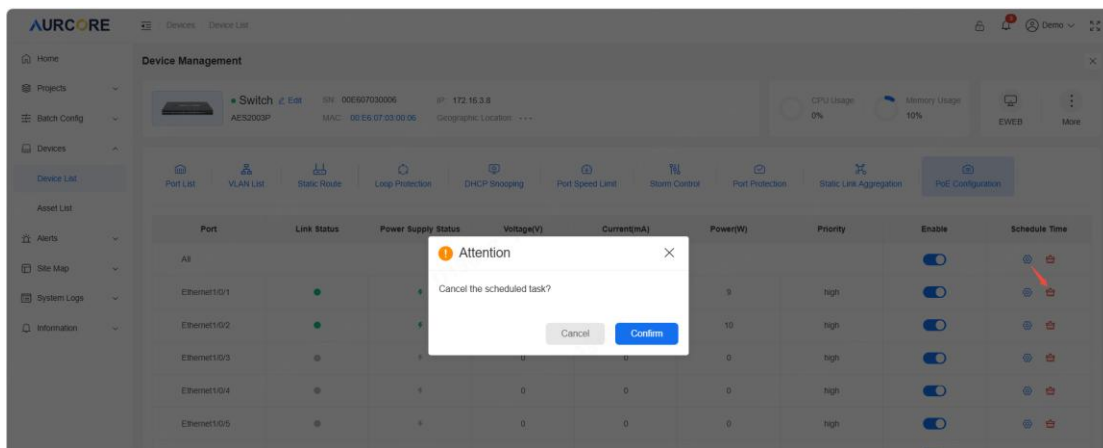
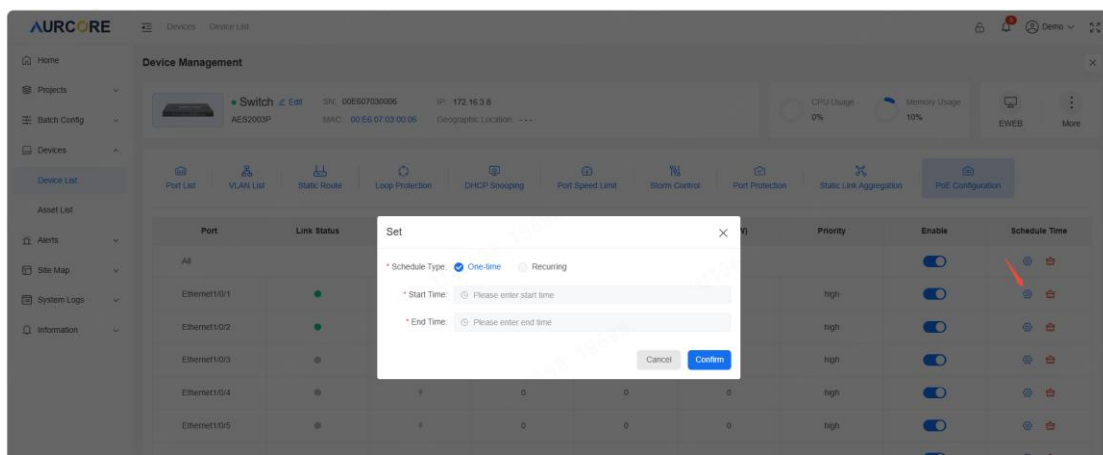
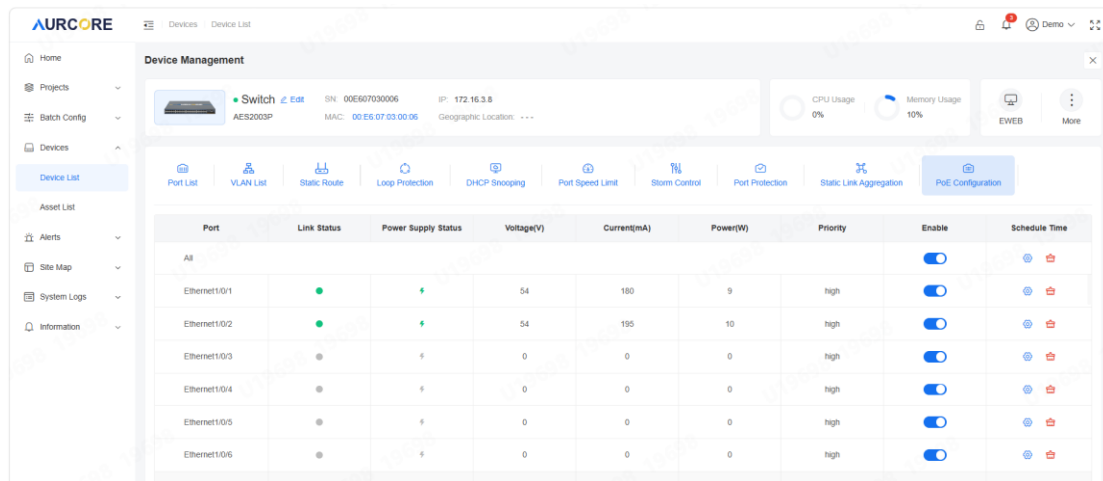
The “Port Protection” section is used to prohibit communication among the ports in the same group.



The “Static Link Aggregation” section is used to configure manual LACP.



The “PoE Configuration” is used to enable the port PoE function, set the running time schedule.



Through  set button you can make scheduled PoE output, through  clear button you can clear the scheduled control.

b) Asset List

This page counts the asset and equipment list of all projects, and can also be viewed by project and equipment type.

The screenshot shows the AURCORE Asset List interface. The left sidebar contains navigation links: Home, Projects, Batch Config, Devices, Device List, Asset List (highlighted), Alerts, Site Map, System Logs, and Information. The main content area has filters for Project Name (All) and Device Type (All). A table lists 10 devices with their IDs, types, models, and quantities. Buttons for Refresh and Export are in the top right.

#	Device Type	Device Model	Quantity
1	Unknown Device	---	12
2	Switch	AES2001	3
3	Switch	AES2001P	2
4	Switch	AES2003P	3
5	Switch	AES4001	2
6	Switch	AES4001P	2
7	Switch	AIS2002	3
8	Switch	AIS2002P	3
9	Switch	AIS2004	3
10	Switch	AIS2004P	3

View by project

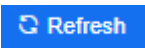
The screenshot shows the AURCORE Asset List interface with the Project Name filter set to 'Campus-1'. The table now displays 5 devices specific to this project. The Device Type filter remains set to 'All'.

#	Device Type	Device Model	Quantity
1	Unknown Device	---	2
2	Switch	AES2001	3
3	Switch	AES2001P	2
4	Router	Router	1
5	Wireless AP	Wireless AP	1

View by device type

The screenshot shows the AURCORE Asset List interface with both Project Name and Device Type filters set to 'Campus-1' and 'Switch' respectively. The table displays 2 devices that are switches in the Campus-1 project.

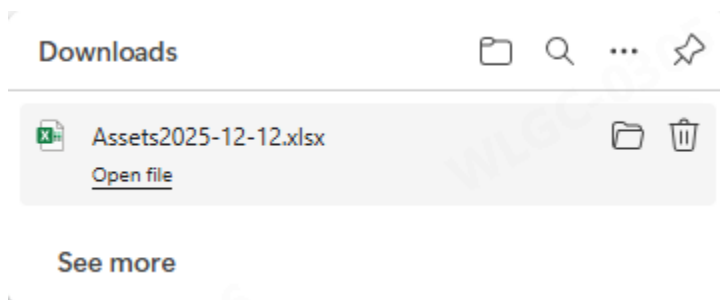
#	Device Type	Device Model	Quantity
1	Switch	AES2001	3
2	Switch	AES2001P	2

You can click  **Refresh** to refresh the asset and equipment list.

Project Name : All		Device Type : All		Refresh	Export
#	Device Type	Model Name	Quantity		
1	Unknown Device	---	512		
2	Switch	AES2001	1		
3	Switch	AES2001P	1		
4	Switch	AES2010P	1		
5	Switch	AES2011P	1		
6	Switch	AES4001	2		
7	Switch	AES4001P	2		
8	Switch	AES4102P	1		
9	Switch	AIS2001	1		
10	Switch	AIS2004P	3		

Click the button  **Export** to export the currently displayed asset list to an EXCEL sheet.

Project Name : All		Device Type : All		Refresh	Export
#	Device Type	Model Name	Quantity		
1	Unknown Device	---	512		
2	Switch	AES2001	1		
3	Switch	AES2001P	1		
4	Switch	AES2010P	1		
5	Switch	AES2011P	1		
6	Switch	AES4001	2		
7	Switch	AES4001P	2		
8	Switch	AES4102P	1		
9	Switch	AIS2001	1		
10	Switch	AIS2004P	3		



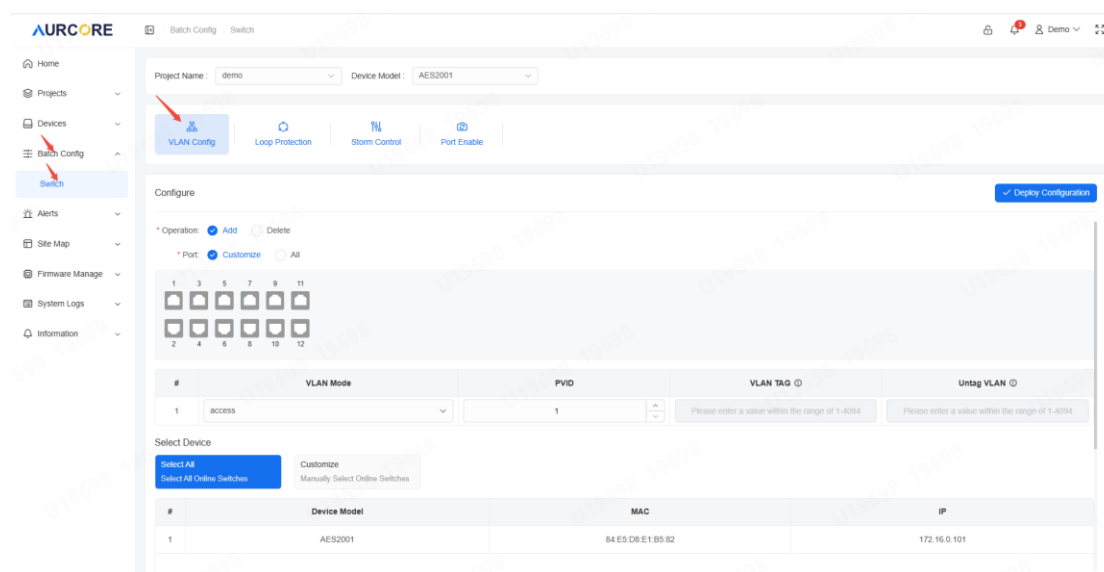
Asset List displays the device type, name and quantity of asset equipment.

#	Device Type	Model Name	Quantity
1	Unknown Device	---	512
2	Switch	AES2001	1
3	Switch	AES2001P	1
4	Switch	AES2010P	1
5	Switch	AES2011P	1
6	Switch	AES4001	2
7	Switch	AES4001P	2
8	Switch	AES4102P	1
9	Switch	AIS2001	1
10	Switch	AIS2004P	3

4.4. Batch Config

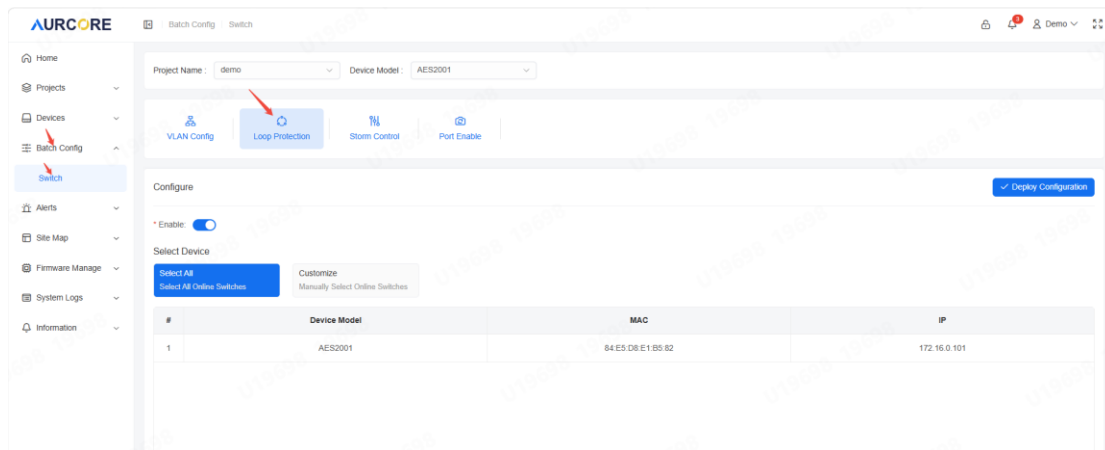
➤ Switch VLAN Batch Config

You can add or delete the VLAN from all or part of the switches of the specific model under the project.



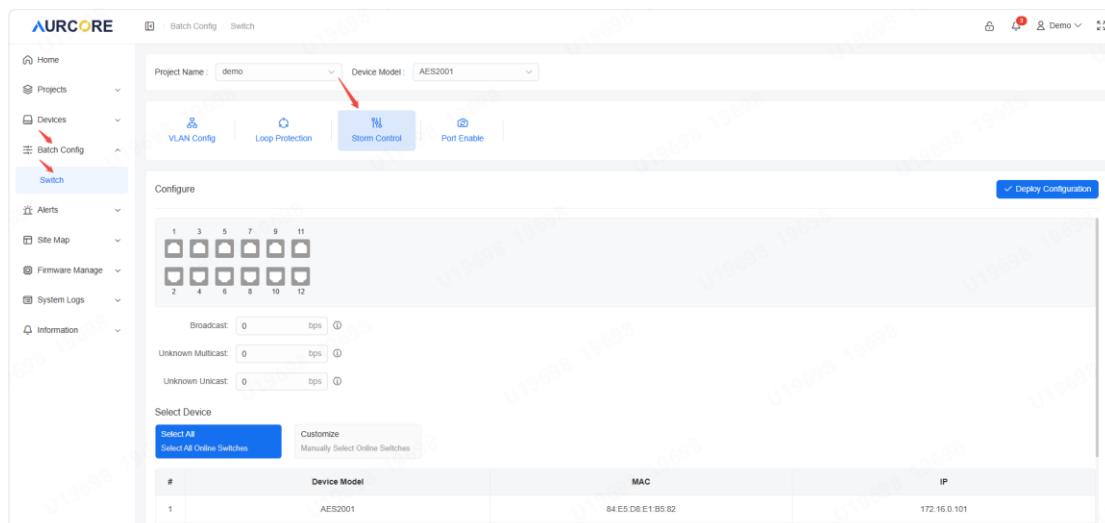
➤ Switch Loop Batch Config

You can enable or disable the Loop Protection from all or part of the switches of the specific model under the project.



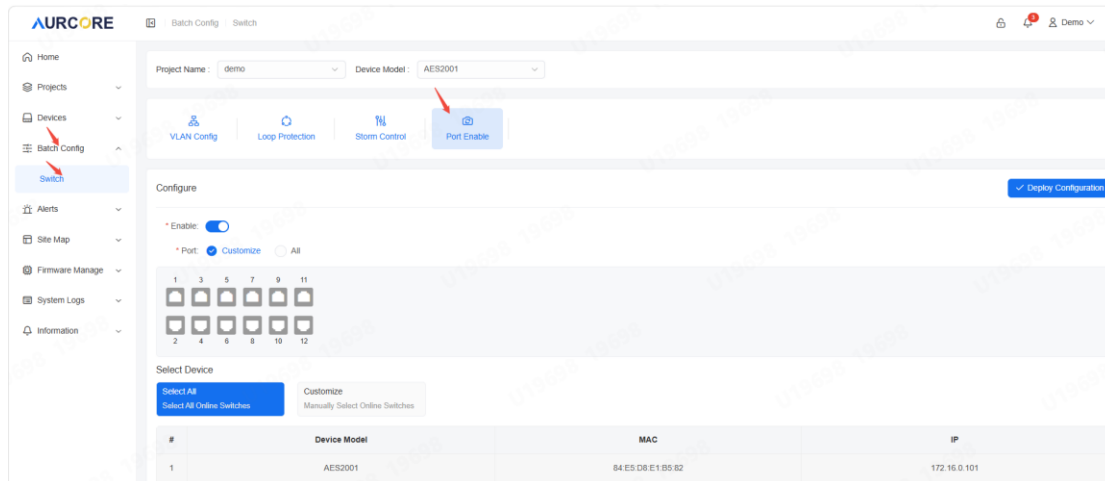
➤ Switch Storm Control Batch Config

You can configure the Storm Control parameters for all or part of the switches of the specific model under the project.



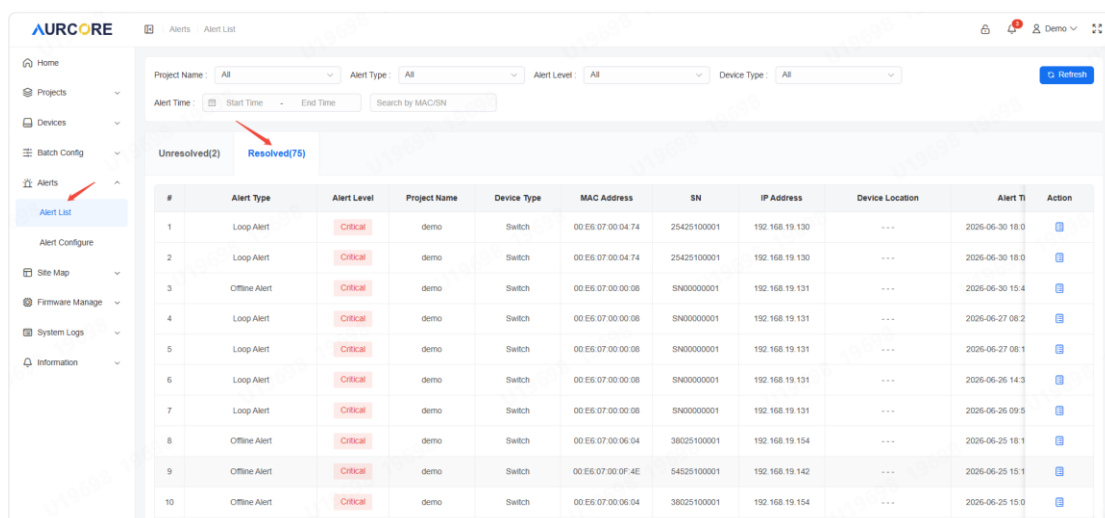
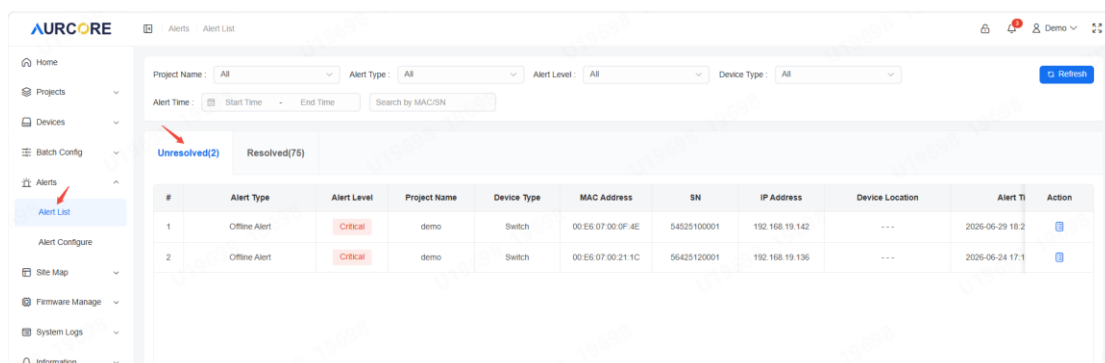
➤ Switch Port Enable Batch Config

You can enable or disable the port for all or part of the switches of the specific model under the project.

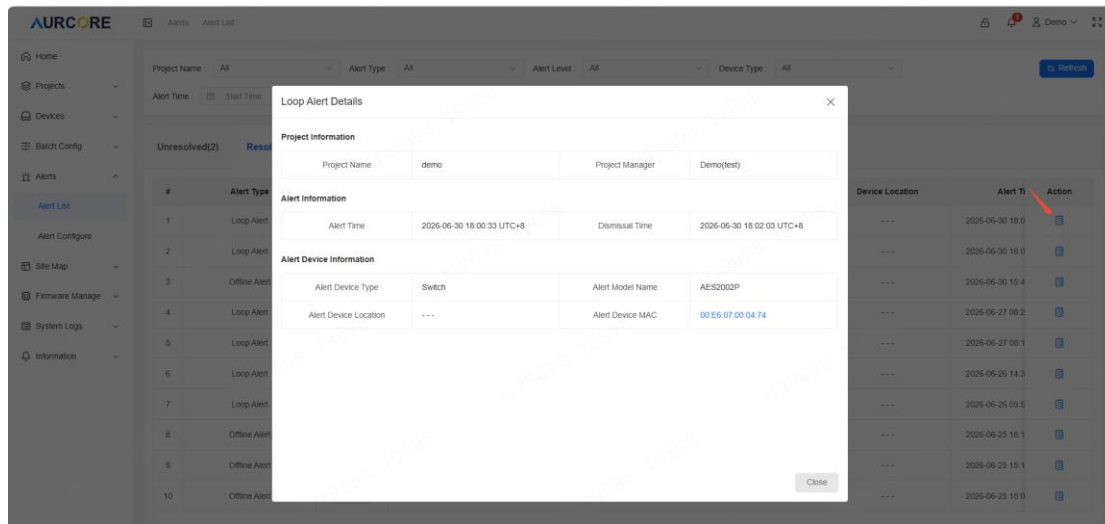


4.5. Alerts

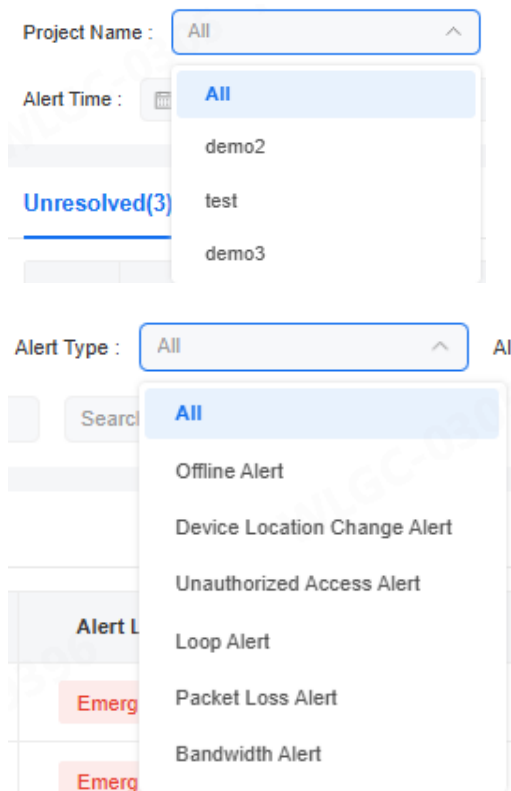
- a) Alert List: List all device triggered alarm information, including both unresolved and resolved alerts.



Through the  detail button, you can see the alert detailed information.



You can choose to view different Project, Alert Type, Alert Level, Device Type, Alert Time and Search by MAC/SN.



Alert Level : All ^

- All
- Emergency
- Important
- Secondary

Device Type : All ^

- All
- Unknown Device
- Switch
- Router
- Virtual Switch
- Wireless AP
- AC Controller

SN

sn1

54525100009

Alert Time : Start Time - End Time Search by MAC/SN

Search by MAC/SN

b) Alert Configuration:

You can configure the receiver Emails.

AURCORE Alerts Alert Configure

Project Name : Industrial-2

[Alert Receiver Email](#) [Batch Configuration](#)

☐	#	Alert Name	Alert Description	Alert Status	E-mail Notice	Action
☐	1	CPU Usage	An alert will be triggered when the CPU usage exceeds the threshold, and different levels of alerts can be generated by adjusting the threshold value	☐	☐	Alert
☐	2	Memory Usage	An alert will be triggered when the Memory usage exceeds the threshold, and different levels of alerts can be generated by adjusting the threshold value	☐	☐	Alert
☐	3	Offline Alert	Trigger alert when device is offline	☐	☐	Alert
☐	4	Loop Alert	Trigger alert when a network loop occurs	☒	☐	Alert
☐	5	Packet Loss Alert	Trigger alert when switch packet loss rate exceeds 1%	☒	☐	Alert
☐	6	Bandwidth Threshold	Trigger alert when bandwidth utilization exceeds the threshold set by the switch	☒	☐	Alert
☐	7	Port Link Alert	Trigger port link alert when port link is disconnected	☒	☐	Alert

Alert Receiver Email

+ Add

Name	Email Address	Action
Demo	demo@aurcore.net	Edit Delete

You can enable or disable the alarm types for different projects.

AURCORE

Alerts Alert Configure

Project Name: Industrial-2

Alert Receiver Email Batch Configuration

#	Alert Name	Alert Description	Alert Status	E-mail Notice	Action
1	CPU Usage	An alert will be triggered when the CPU usage exceeds the threshold, and different levels of alerts can be generated by adjusting the threshold value	☐	☐	Edit
2	Memory Usage	An alert will be triggered when the Memory usage exceeds the threshold, and different levels of alerts can be generated by adjusting the threshold value	☐	☐	Edit
3	Offline Alert	Trigger alert when device is offline	☐	☐	Edit
4	Loop Alert	Trigger alert when a network loop occurs	☒	☐	Edit
5	Packet Loss Alert	Trigger alert when switch packet loss rate exceeds 1%	☒	☐	Edit
6	Bandwidth Threshold	Trigger alert when bandwidth utilization exceeds the threshold set by the switch	☒	☐	Edit
7	Port Link Alert	Trigger port link alert when port link is disconnected	☒	☐	Edit
8	Port Traffic Alert	Trigger port traffic alert when actual port traffic is below the threshold	☒	☐	Edit
9	Power Failure Alert	Trigger power failure alert when device power is disconnected	☒	☐	Edit

The default status is Enable, and a prompt will appear to confirm whether to turn it off when disabling it.

!

Attention

×

Are you sure?Close [Offline Alert](#)

Cancel

Confirm

You can enable or disable the alarm types you want to Email notification.

#	Alert Name	Alert Description	Alert Status	E-mail Notice	Action
1	CPU Usage	An alert will be triggered when the CPU usage exceeds the threshold, and different levels of alerts can be generated by adjusting the threshold value.	☐	☐	
2	Memory Usage	An alert will be triggered when the Memory usage exceeds the threshold, and different levels of alerts can be generated by adjusting the threshold value.	☐	☐	
3	Offline Alert	Trigger alert when device is offline.	☐	☐	
4	Loop Alert	Trigger alert when a network loop occurs.	☒	☐	
5	Packet Loss Alert	Trigger alert when switch packet loss rate exceeds 1%.	☒	☐	
6	Bandwidth Threshold	Trigger alert when bandwidth utilization exceeds the threshold set by the switch.	☒	☐	
7	Port Link Alert	Trigger port link alert when port link is disconnected.	☒	☐	
8	Port Traffic Alert	Trigger port traffic alert when actual port traffic is below the threshold.	☒	☐	
9	Power Failure Alert	Trigger power failure alert when device power is disconnected.	☒	☐	

Through the config button, you can select the device type to display the alerts and some alert type support threshold setting.

CPU Usage Configure

Alert Type Configuration

Threshold Configuration

☐ Alert Device Type 0/3

- ☐ Switch
- ☐ Wireless AP
- ☐ AC Controller

☐ Non-alerting Device Types 0/0

No data

<

>

Cancel

Confirm

CPU Usage Configure

Alert Type Configuration

Threshold Configuration

Alert Level	Trigger Threshold	Description
Critical	95 %	≥95%
Major	85 %	≥85%
Minor	70 %	≥70%

Cancel

Confirm

Batch Configuration:

After selecting at least one alarm type, click **Batch Configuration** to configure the alarm type, and determine whether to trigger the alarm on the device.

AURICORE

Alerts Alert Configure

Project Name: Industrial-2

Alert Receiver Email

Batch Configuration

#	Alert Name	Alert Description	Alert Status	E-mail Notice	Action
1	CPU Usage	An alert will be triggered when the CPU usage exceeds the threshold, and different levels of alerts can be generated by adjusting the threshold value	☐	☐	
2	Memory Usage	An alert will be triggered when the Memory usage exceeds the threshold, and different levels of alerts can be generated by adjusting the threshold value	☐	☐	
3	Offline Alert	Trigger alert when device is offline	☐	☐	
4	Loop Alert	Trigger alert when a network loop occurs	☒	☐	
5	Packet Loss Alert	Trigger alert when switch packet loss rate exceeds 1%	☒	☐	
6	Bandwidth Threshold	Trigger alert when bandwidth utilization exceeds the threshold set by the switch	☒	☐	
7	Port Link Alert	Trigger port link alert when port link is disconnected	☒	☐	
8	Port Traffic Alert	Trigger port traffic alert when actual port traffic is below the threshold	☒	☐	
9	Power Failure Alert	Trigger power failure alert when device power is disconnected	☒	☐	

Note: In order to receive the alerts from the ACN, please make sure the mail service is ok, and can visit the internet.

4.6. Floor Plan

a) Floor Map

All the created projects are listed on the map, you can get a overview of the projects on the map.

#	Project	Device	Alert	Action
1	Campus-1	23	7	
2	Campus-2	19	7	
3	Industrial-1	23	12	
4	Industrial-2	22	8	

#	Project	Alert Type	Device	Alert Time
1	Industrial-2	Unauthorized ...	00 E6 07 03 00 10	2026-06-15 17:33:44 UTC+8
2	Industrial-2	Unauthorized ...	00 E6 07 03 00 11	2026-06-1...
3	Industrial-1	Unauthorized ...	00 E6 07 02 00 14	2026-06-1...
4	Industrial-1	Unauthorized ...	00 E6 07 02 00 12	2026-06-1...
5	Campus-2	Unauthorized ...	00 E6 07 01 00 12	2026-06-1...

➤ Enter the device list page through clicking the number under the "Device" column.

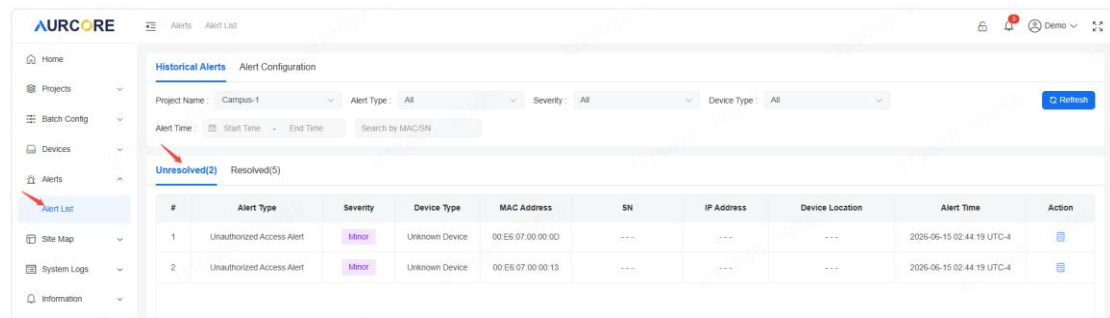
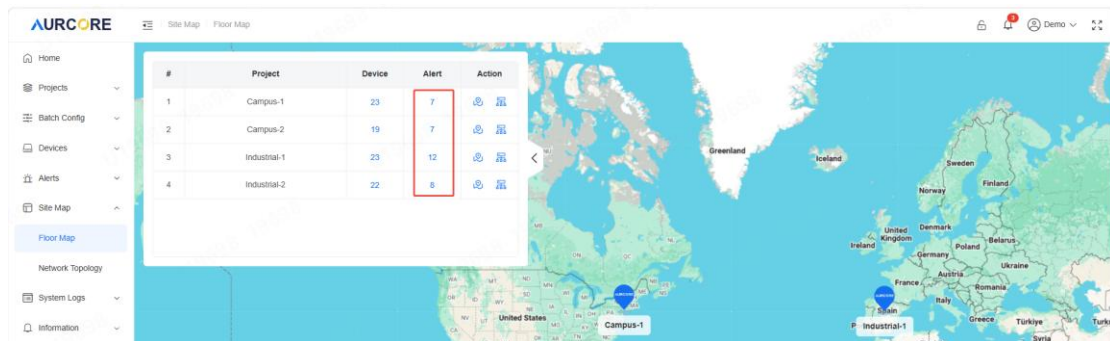
#	Project	Device	Alert	Action
1	Campus-1	23	7	
2	Campus-2	19	7	
3	Industrial-1	23	12	
4	Industrial-2	22	8	

Unknown Device 14 / 14 Switch 9 / 9 Router 0 / 0 Wireless AP 0 / 0 IPC 0 / 0

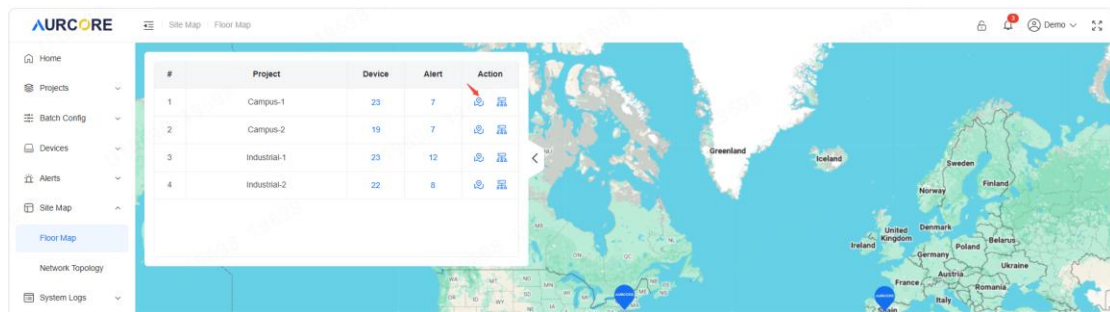
Project Name: Campus-1 Device Type: Switch x 9 Status: All Please enter MAC/IP/SN ☐ Upgradable Devices [More](#) [Refresh](#)

#	Device Type	Status	Device Name	Product Model	MAC	IP	SN	Release	Action
1	Switch	●	Switch	AES400P	00 E6 07 00 00 0B	172.16.0.13	00E60700000B	---	
2	Switch	●	Switch	AES400P	00 E6 07 00 00 0C	172.16.0.14	00E60700000C	---	
3	Switch	●	Switch	AES400P	00 E6 07 00 00 0A	172.16.0.12	00E60700000A	---	
4	Switch	●	Switch	AES200P	00 E6 07 00 00 09	172.16.0.11	00E607000009	---	
5	Switch	●	Switch	AES2001	00 E6 07 00 00 01	172.16.0.3	00E607000001	---	
6	Switch	●	Switch	AES2001P	00 E6 07 00 00 08	172.16.0.10	00E607000008	---	
7	Switch	●	Switch	AES2001	00 E6 07 00 00 02	172.16.0.4	00E607000002	---	

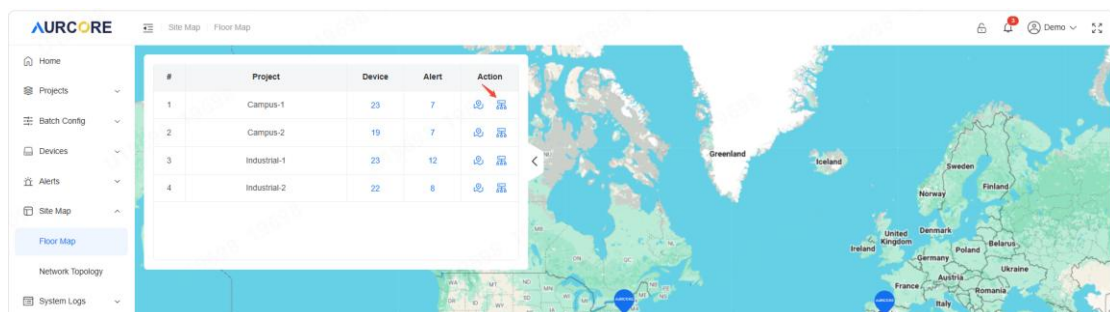
- Enter the alert list page through clicking the number under the “Alert” column.

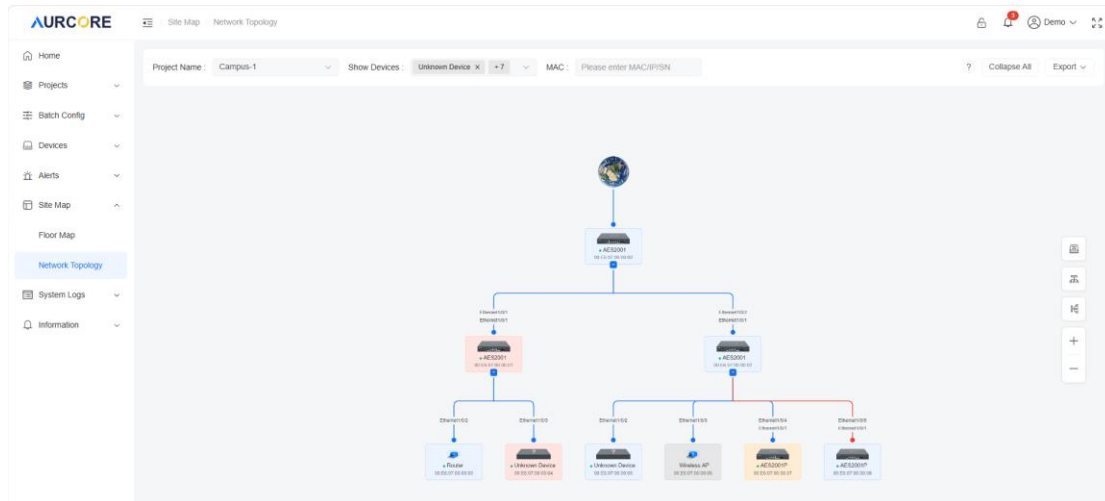


- Locate the project from the map through clicking the  locate button, when the project located with blinking.



- Enter the network topology page through clicking the  topo button.





- Enter the alert list page through clicking the content under the "Project" , "Alert Type" , "Device" , "Alarm Type" column.

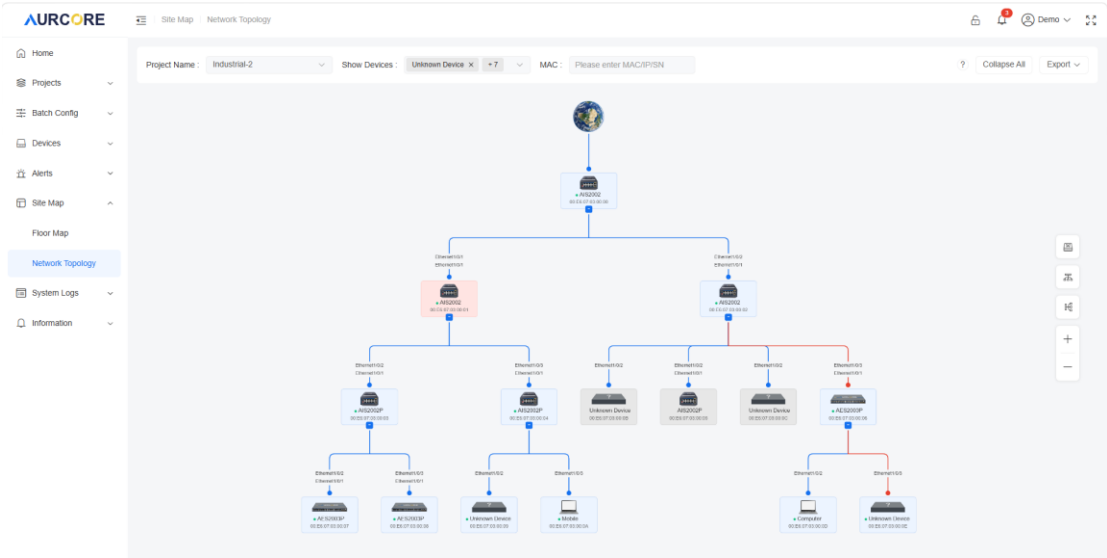
#	Project	Device	Alert	Action
1	Campus-1	23	7	
2	Campus-2	19	7	
3	Industrial-1	23	12	
4	Industrial-2	22	8	

#	Project	Alert Type	Device	Alert Time
1	Industrial-2	Unauthorized ...	00 E6 07 03 00 14	2025-06-1...
2	Industrial-2	Unauthorized ...	00 E6 07 03 00 11	2025-06-1...
3	Industrial-1	Unauthorized ...	00 E6 07 02 00 14	2025-06-1...
4	Industrial-1	Unauthorized ...	00 E6 07 02 00 12	2025-06-1...
5	Campus-2	Unauthorized ...	00 E6 07 01 00 12	2025-06-1...
6	Campus-1	Unauthorized ...	00 E6 07 00 00 00	2025-06-1...

#	Alert Type	Severity	Device Type	MAC Address	SN	IP Address	Device Location	Action
1	Unauthorized Access Alert	Minor	Switch	00 E6 07 02 00 03	00E607020003	172.16.2.5	---	Details
2	Unauthorized Access Alert	Minor	Switch	00 E6 07 02 00 05	00E607020005	172.16.2.7	---	Details
3	Unauthorized Access Alert	Minor	Unknown Device	00 E6 07 02 00 0A	---	---	---	Details
4	Unauthorized Access Alert	Minor	End Device	00 E6 07 02 00 0B	---	---	---	Details
5	Unauthorized Access Alert	Minor	Unknown Device	00 E6 07 02 00 0B	---	---	---	Details

Note: In order to use the map features, please make sure you have google map service is ok, and can visit the internet.

b) Network Topology



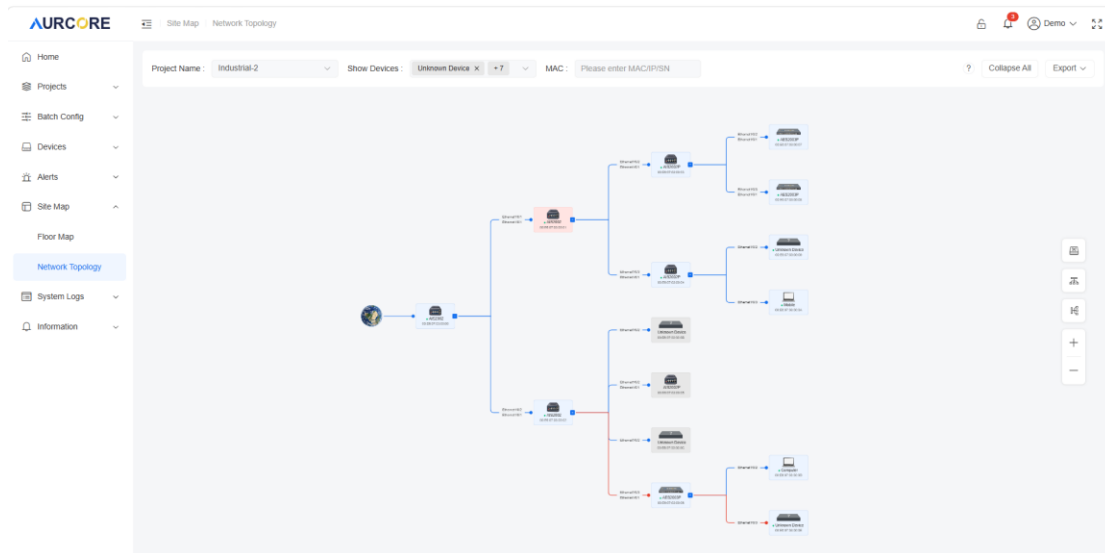
Description of device color status: Red indicates an alarm, gray indicates offline, yellow background indicates unauthorized, and blue background indicates authorized.

List all the device of the project:

The screenshot shows the AURCORE Network Topology interface for project 'Industrial-1'. A modal window titled 'Select Core Switch' is open, displaying a table of devices. The table has columns for #, Port, Device Type, Product Model, MAC, IP, and Action. The table lists 9 devices, including Unknown Devices, Computers, and Switches. The 'Select' button in the Action column is highlighted in blue.

#	Port	Device Type	Product Model	MAC	IP	Action
1	Ethernet1/G3	Unknown Device	---	00:E5:07:02:00:0A	---	Select
2	Ethernet1/G3	End Device	Computer	00:E5:07:02:00:06	---	Select
3	Ethernet1/G3	End Device	Computer	00:E5:07:02:00:08	---	Select
4	Ethernet1/G2	Unknown Device	---	00:E5:07:02:00:07	---	Select
5	Ethernet1/G2	Unknown Device	---	00:E5:07:02:00:09	---	Select
6	Ethernet1/G2	Unknown Device	---	00:E5:07:02:00:0B	---	Select
7	Ethernet1/G2	Switch	AIS2004P	00:E5:07:02:00:03	172.16.2.5	Select
8	Ethernet1/G2	Switch	AIS2004P	00:E5:07:02:00:05	172.16.2.7	Select
9	---	Switch	AIS2004	00:E5:07:02:00:00	172.16.2.2	Select

Change the direction of the Topo:



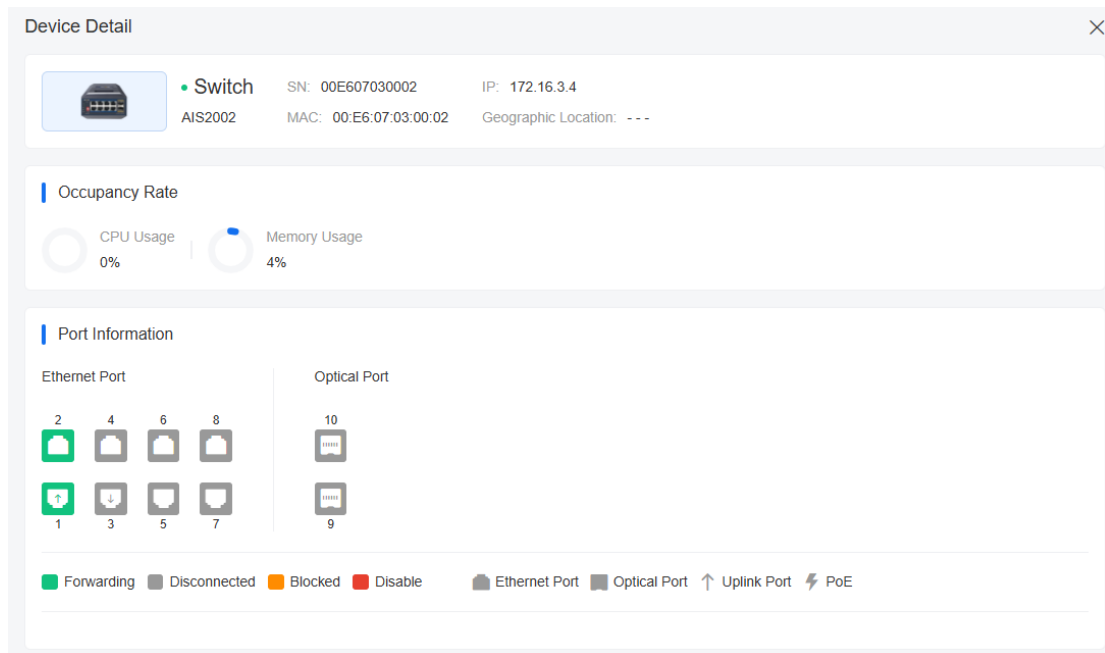
Click on the device icon to enter the “Device Detail” page.

The screenshot shows the 'Device Detail' page for a switch. The page is divided into several sections:

- Header:** Device icon, name 'Switch', SN: 00E607030002, IP: 172.16.3.4, MAC: 00 E6 07 03 00 02, and Geographic Location: ---.
- Occupancy Rate:** Two circular progress indicators for CPU Usage (0%) and Memory Usage (4%).
- Port Information:** A grid showing the status of Ethernet and Optical ports. Ethernet ports 1-8 are shown, with 1-4 in green (Forwarding) and 5-8 in grey (Disconnected). Optical ports 9-10 are shown in grey (Disconnected).
- Port List:** A table with columns: Port, Port Status, Port Mode, PVID, Tag VLAN, Untag VLAN, and Action.

Port	Port Status	Port Mode	PVID	Tag VLAN	Untag VLAN	Action
Ethernet1/G1	Forwarding	access	1	---	---	Edit
Ethernet1/G2	Forwarding	access	1	---	---	Edit
Ethernet1/G3	Disconnected	access	1	---	---	Edit
Ethernet1/G4	Disconnected	access	1	---	---	Edit

Basic device information:



Port List:

Port List [Batch Configuration](#)

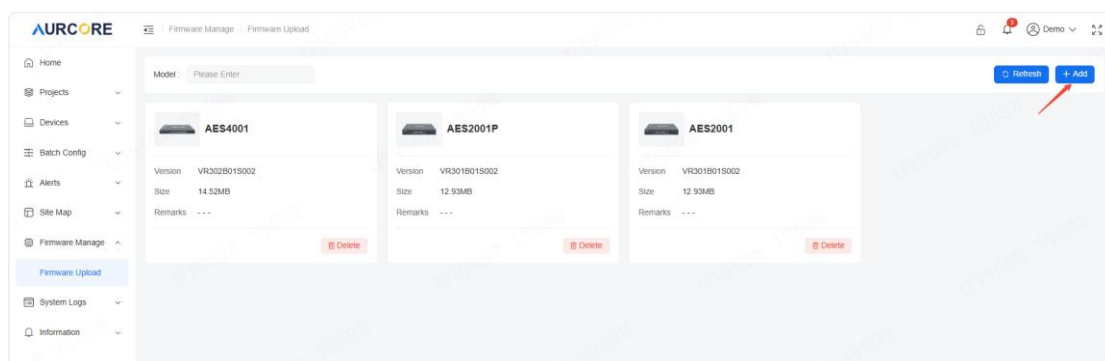
☐	Port	Port Status	Port Mode	PVID	Tag VLAN	Untag VLAN	Action
☐	Ethernet1/0/1	Forwarding	access	1	---	---	Edit
☐	Ethernet1/0/2	Forwarding	access	1	---	---	Edit
☐	Ethernet1/0/3	Forwarding	access	1	---	---	Edit
☐	Ethernet1/0/4	Forwarding	access	1	---	---	Edit
☐	Ethernet1/0/5	Disconnected	access	1	---	---	Edit
☐	Ethernet1/0/6	Disconnected	access	1	---	---	Edit
☐	Ethernet1/0/7	Disconnected	access	1	---	---	Edit
☐	Ethernet1/0/8	Disconnected	access	1	---	---	Edit

Alert Information:

Alert Information		
Alert Type	Alert Status	Alert Time
Offline Alert	Resolved	2026-06-08 21:05:15 UTC+2
Offline Alert	Resolved	2026-06-03 21:04:34 UTC+2
Offline Alert	Resolved	2026-06-01 20:22:10 UTC+2
Offline Alert	Resolved	2026-05-29 21:04:10 UTC+2
Offline Alert	Resolved	2026-05-28 05:06:23 UTC+2
Offline Alert	Resolved	2026-05-28 05:05:35 UTC+2
Offline Alert	Resolved	2026-05-27 08:01:26 UTC+2
Offline Alert	Resolved	2026-05-27 08:00:35 UTC+2
Offline Alert	Resolved	2026-05-27 07:59:45 UTC+2
Offline Alert	Resolved	2026-05-26 18:53:57 UTC+2

4.7. Firmware Manage

Users can upload device firmware to the platform. The platform automatically detects each device' s firmware version. If a device' s installed firmware version is older than the uploaded firmware, the system will indicate that the device is upgradable.



The screenshot shows the AURCORE System Logs interface. The left sidebar has a menu with 'Operation Log' highlighted. The main area displays a table of operation events.

#	Operator	Operation Account	Operation Type	Operation Event	Operation Time
1	Demo	demo@aurcore.net	Device	Deauthorization of device for [Industrial-1] [00:E6:07:02:00:06]	2026-01-30 08:10:05 UTC+1
2	Demo	demo@aurcore.net	Device	Deauthorization of device for [Industrial-1] [00:E6:07:02:00:03:00:E6:07:02:00:09]	2026-01-30 08:09:58 UTC+1
3	Demo	demo@aurcore.net	Log in	Login succeeded	2026-01-30 14:54:32 UTC+8
4	Demo	demo@aurcore.net	Log in	Login succeeded	2026-01-30 14:52:45 UTC+8
5	Demo	demo@aurcore.net	Log in	Login succeeded	2026-01-30 14:29:53 UTC+8
6	Demo User	demo2@aurcore.net	Device	Authorization of device for [Campus-1] project. [00:E6:07:00:00:05:00:E6:07:00:00:06:00:E6:07:00:00:03]	2026-01-30 01:23:01 UTC-5
7	Demo	demo@aurcore.net	Log in	Login succeeded	2026-01-30 13:15:48 UTC+8
8	Demo User	demo2@aurcore.net	Project	Received [Industrial-1] project	2026-01-30 06:15:33 UTC+1
9	Demo	demo@aurcore.net	Project	Share [Industrial-1] project	2026-01-30 06:15:33 UTC+1
10	Demo	demo@aurcore.net	Device	Modify [00:E6:07:03:00:0A] device information,device attribution [Aurcore] LED light [off]	2026-01-30 14:14:07 UTC+9

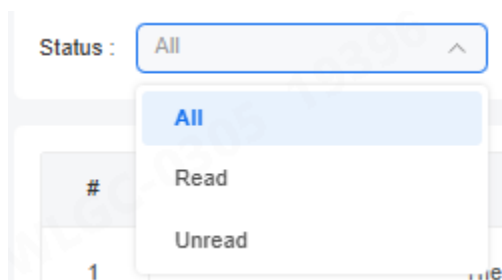
4.9. Information

- a) Project Information: Display message content, reading status, add time, detailed information.

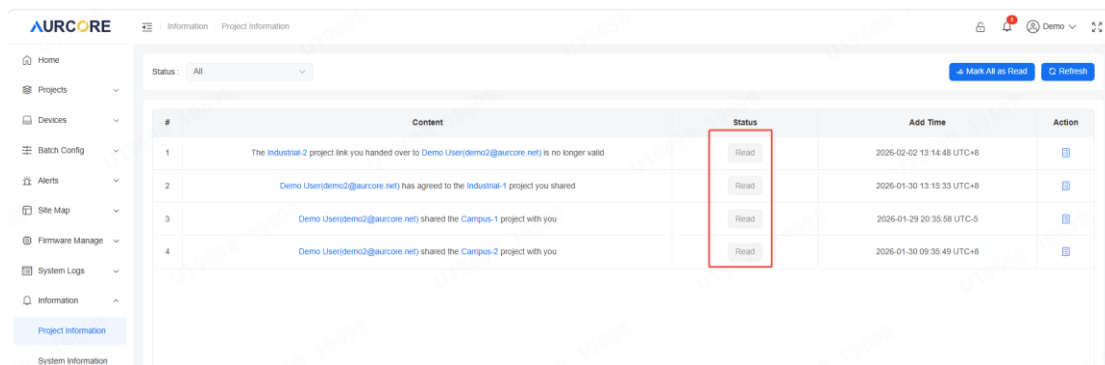
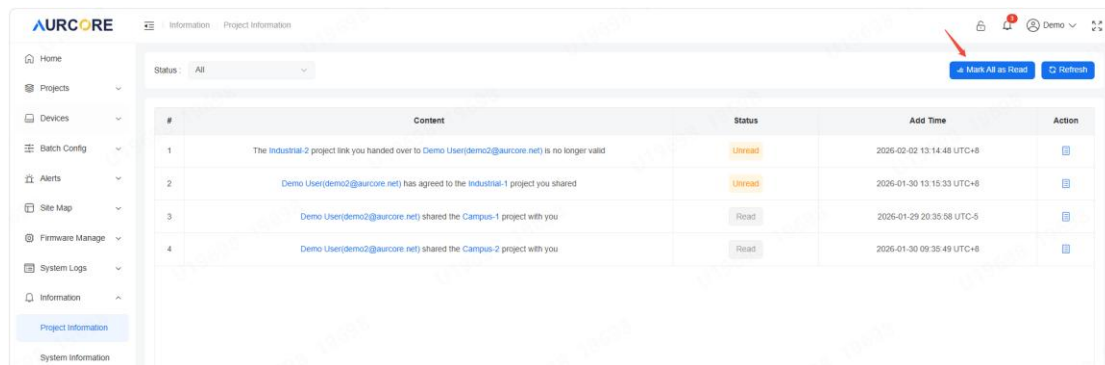
The screenshot shows the AURCORE Project Information interface. The left sidebar has a menu with 'Project Information' highlighted. The main area displays a table of project messages.

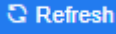
#	Content	Status	Add Time	Action
1	The Industrial-2 project link you handed over to Demo User(demo2@aurcore.net) is no longer valid	Unread	2026-02-02 13:14:48 UTC+8	
2	Demo User(demo2@aurcore.net) has agreed to the Industrial-1 project you shared	Unread	2026-01-30 13:15:33 UTC+8	
3	Demo User(demo2@aurcore.net) shared the Campus-1 project with you	Read	2026-01-29 20:35:58 UTC-5	
4	Demo User(demo2@aurcore.net) shared the Campus-2 project with you	Read	2026-01-30 09:35:49 UTC+8	

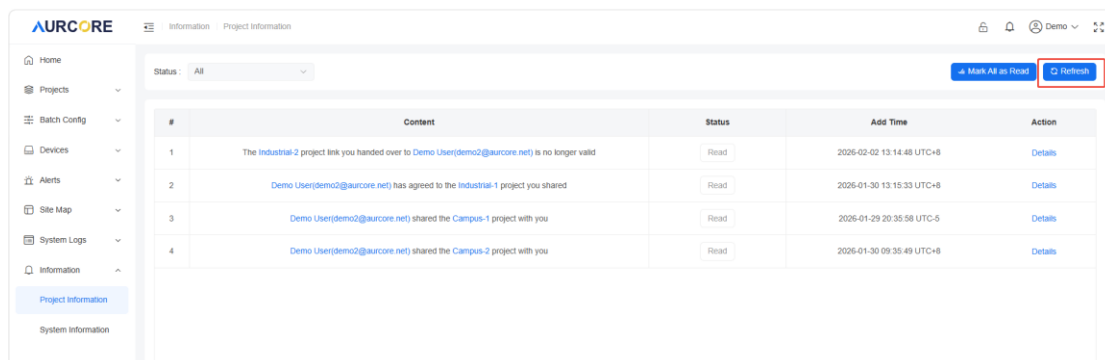
It can be displayed According to different Statuses.



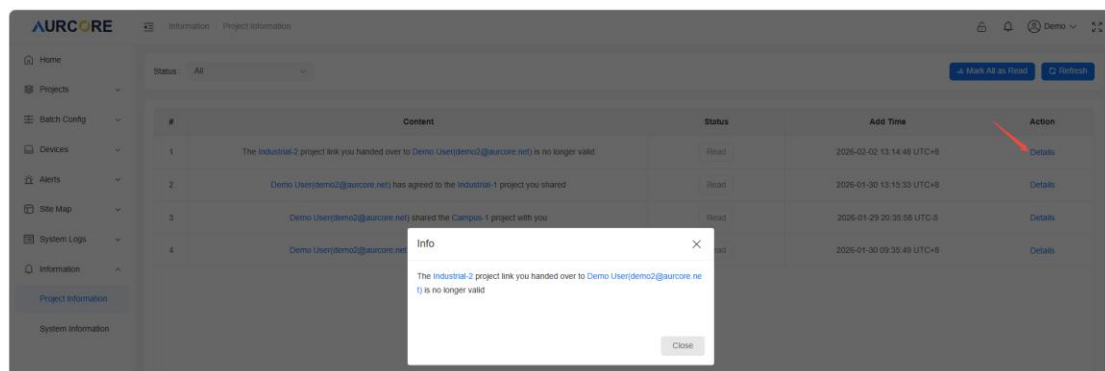
Click Mark All as Read to Read All.



Click  Refresh to Refresh Information List.

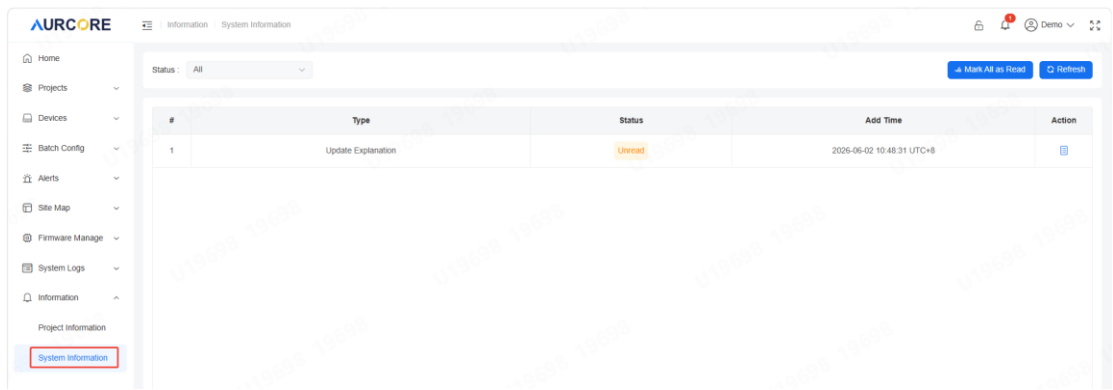


Show the detail of the operation information through “Details” button.



b) System Information: Displays system information, and the operation and viewing

methods are similar to those mentioned above.



5. Device Bond Key Points

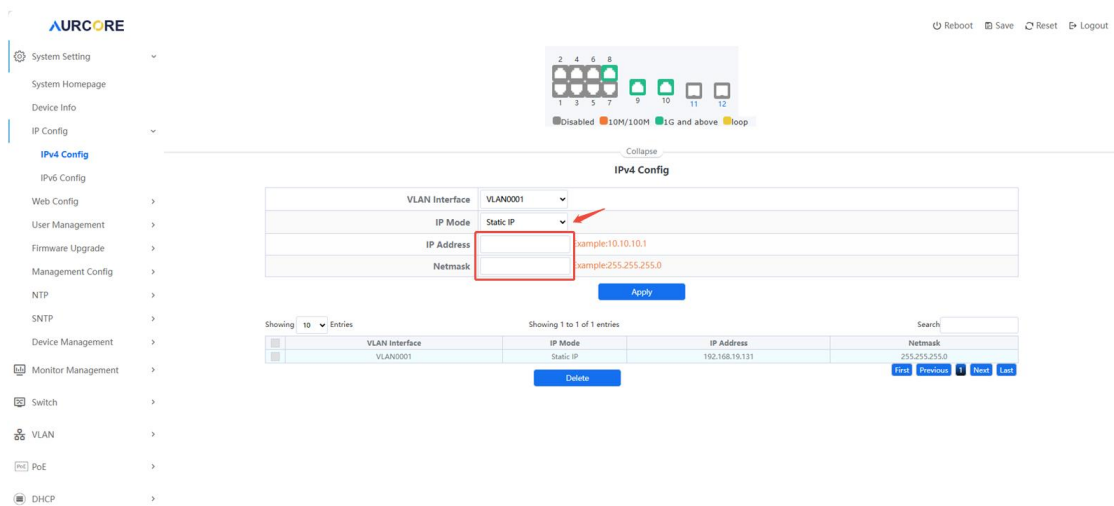
5.1. Bind Device

Here are three steps to bind your device to ACN platform:

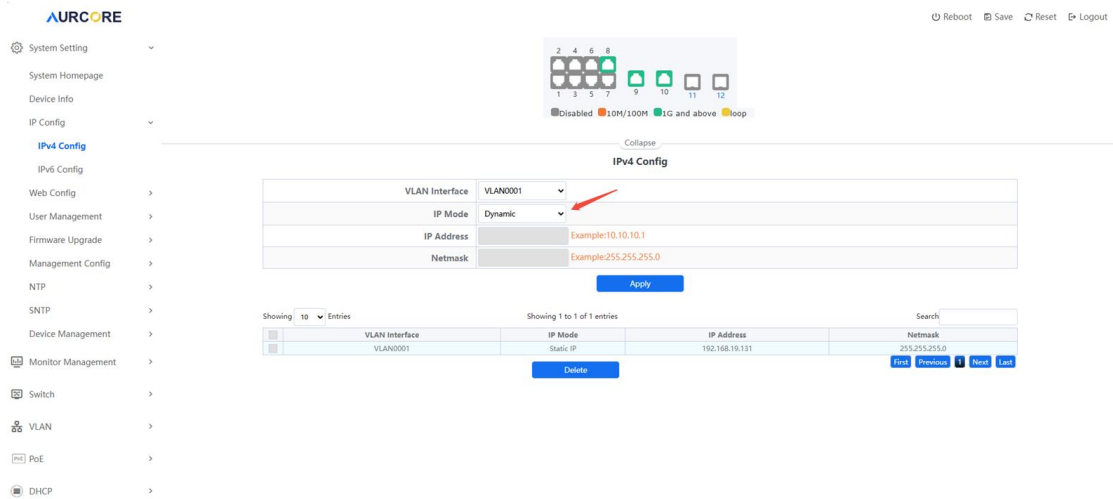
Step 1: Connect the device to ACN platform.

In order to connect to the ACN, the device need a IP first, here are two methods to configure IP for the device:

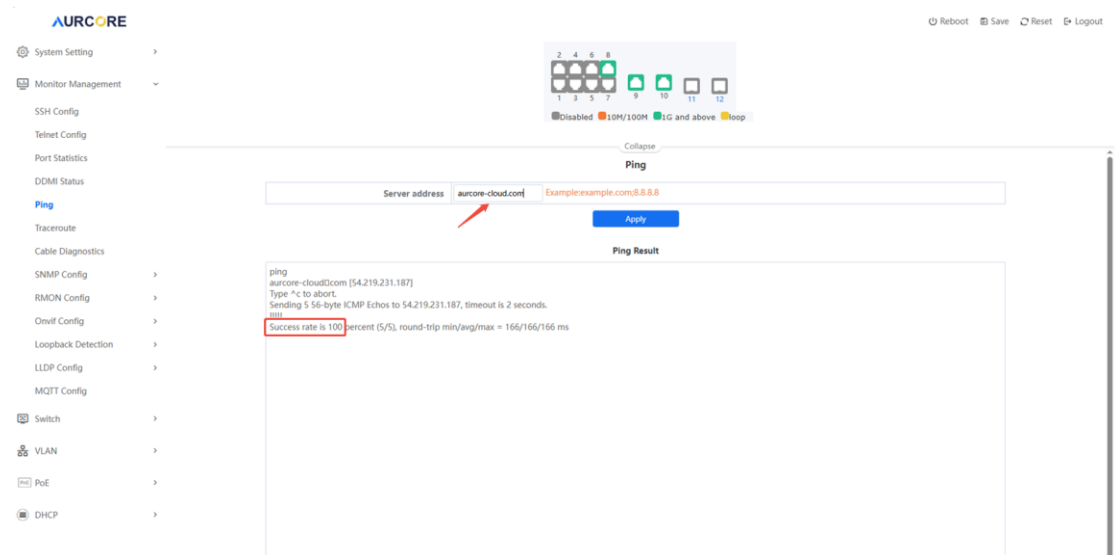
- Static IP



- Dynamic IP

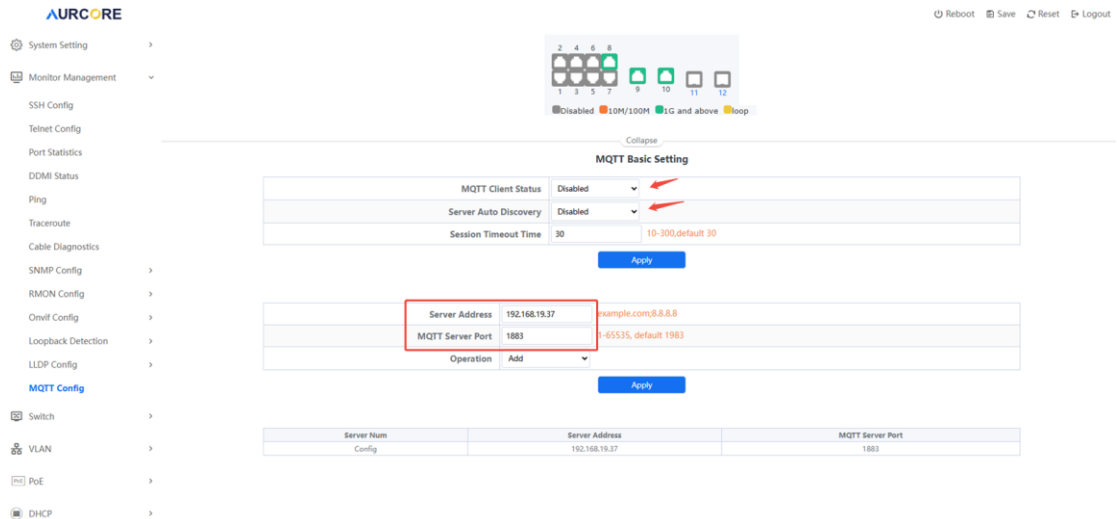


Check whether the device can connect to the ACN before binding.

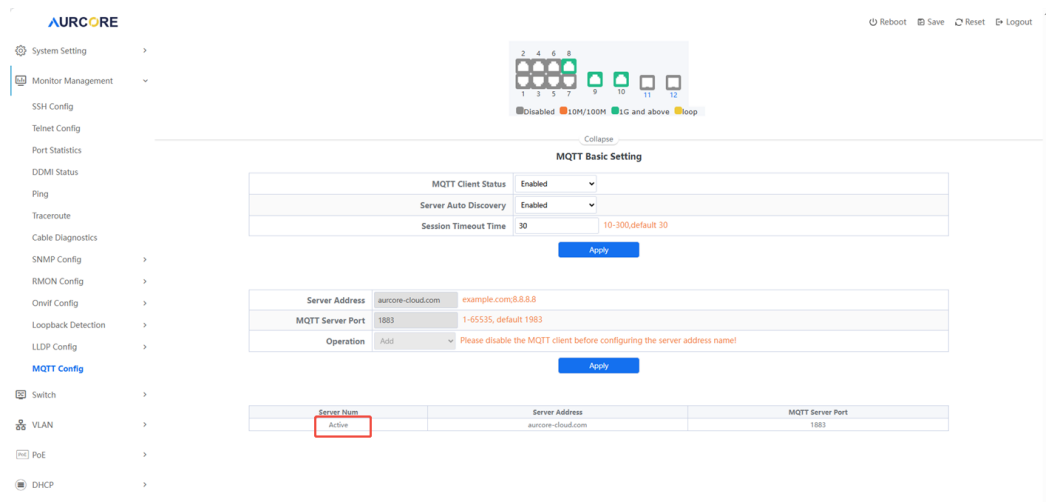


Step 2: Set the MQTT address as ACN address.

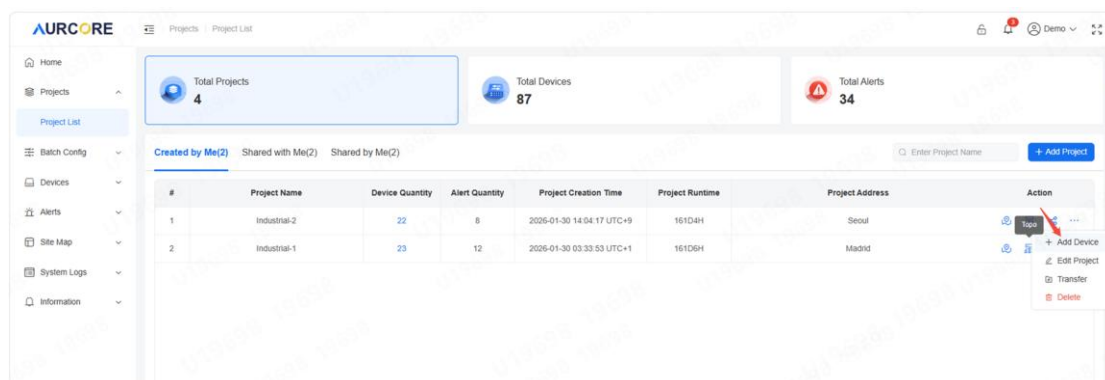
The way to set a new address of the ACN platform as below:



If the "Sever Num" is "active" that means this device has connected to the ACN.



Step 3: Add your device to the ACN platform, and you can see the device is bond successfully or not.



Add Device

Please enter your MAC address

+ Add

#	Device Type	Product Model	MAC Address	SN	Import time	Verification results	Action
1	---	---	00:E6:07:00:1F:FE	---	2026-06-05 10:25:52 UTC+8	Success	Single import Batch import Delete
2	Switch	AES4002	00:E6:07:00:06:04	38025100001	2026-06-05 09:39:58 UTC+8	Success	Delete
3	Switch	AIS2002	00:E6:07:00:21:1C	56425120001	2026-05-25 19:38:31 UTC+8	Success	Delete
4	---	---	00:E6:07:00:0D:BE	---	2026-05-23 17:33:37 UTC+8	Success	Delete
5	Switch	AES2002P	00:E6:07:00:04:74	25425100001	2026-05-21 16:55:39 UTC+8	Success	Delete
6	Switch	AES2001P	00:E6:07:00:00:08	SN000000001	2026-05-20 14:55:40 UTC+8	Success	Delete
7	Switch	AIS4001P	00:E6:07:00:0F:4E	54525100001	2026-05-20 14:27:41 UTC+8	Success	Delete

Total 8 10/page 1 Go to 1

Add Device

Please enter your MAC address

+ Add

#	Device Type	Product Model	MAC Address	SN	Import time	Verification results	Action
1	---	---	00:E6:07:00:1F:FE	---	2026-06-05 10:25:52 UTC+8	Success	Delete
2	Switch	AES4002	00:E6:07:00:06:04	38025100001	2026-06-05 09:39:58 UTC+8	Success	Delete
3	Switch	AIS2002	00:E6:07:00:21:1C	56425120001	2026-05-25 19:38:31 UTC+8	Success	Delete
4	---	---	00:E6:07:00:0D:BE	---	2026-05-23 17:33:37 UTC+8	Success	Delete
5	Switch	AES2002P	00:E6:07:00:04:74	25425100001	2026-05-21 16:55:39 UTC+8	Success	Delete
6	Switch	AES2001P	00:E6:07:00:00:08	SN000000001	2026-05-20 14:55:40 UTC+8	Success	Delete
7	Switch	AIS4001P	00:E6:07:00:0F:4E	54525100001	2026-05-20 14:27:41 UTC+8	Success	Delete

Total 8 10/page 1 Go to 1

You can check the MQTT status of added devices via the device list.

AURICORE

Devices Device List

Home Projects Devices Device List

Switch 5 / 6 Router 0 / 0 Unknown Device 0 / 0 Wireless AP 0 / 0 IPC 0 / 0

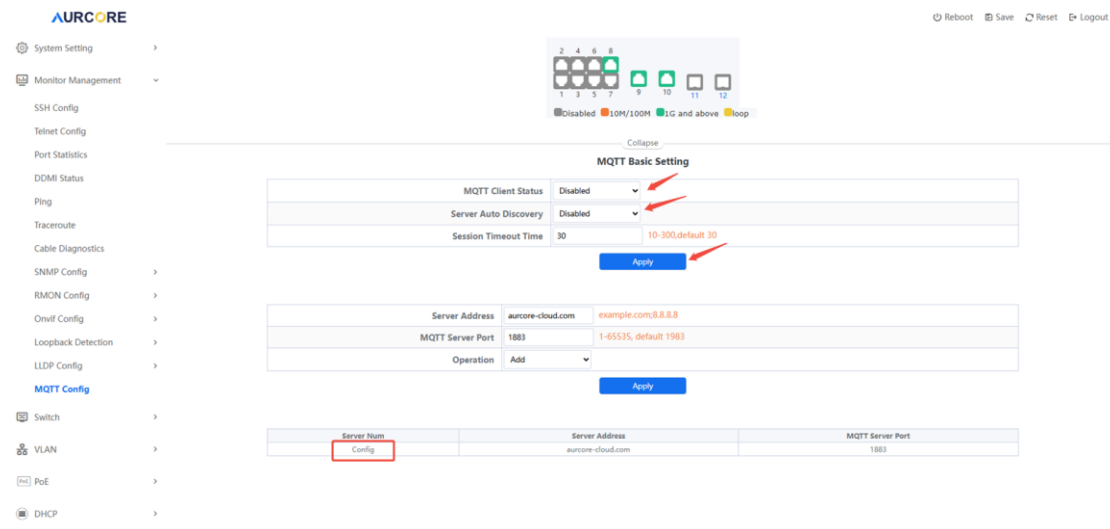
Project Name: demo Device Type: Switch x 6 Status: All Please enter MAC/IP/SN Upgradable Devices More Refresh

#	Device Image	Status	Device Type	Device Name	Product Model	MAC	IP	Software Version	Action
1			Switch	---	AIS2002	00:E6:07:00:21:1C	192.168.19.136	VR301B01S001	
2			Switch	---	AIS4001P	00:E6:07:00:0F:4E	192.168.19.142	VR303B01S001	
3			Switch	---	AES4002	00:E6:07:00:06:04	192.168.19.154	VR302B01S001	
4			Switch	---	AES2002P	00:E6:07:00:04:74	192.168.19.130	VR301B01S001	
5			Switch	---	AES2001P	00:E6:07:00:00:08	192.168.19.131	VR301B01S001	
6			Switch	---	AES2001	84:E5:D8:E1:B5:82	172.16.0.101	VR301B01S001	

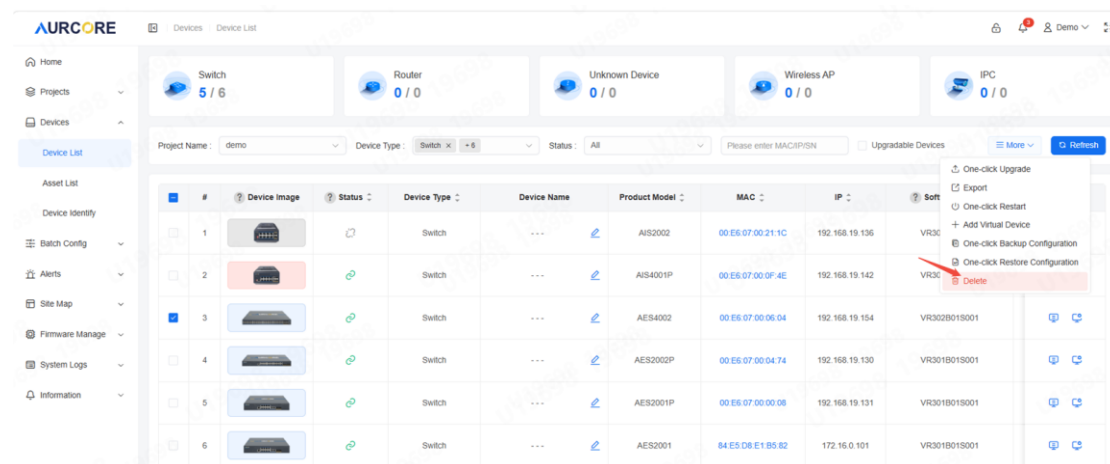
5.2. Unbind Device

Here are two steps to unbind device from the ACN:

Step 1: Disable the ACN connect from the MQTT model on the device side, the status is "Config" .



Step 2: Delete the device from the ACN in “Device List” module.



5.3. Common Troubleshooting

- 1) The status of the device added to the ACN is offline.
 - ✧ Check if the device can access the ACN platform.
 - ✧ Check whether the MQTT platform address is correct and whether the status is active.
- 2) A prompt of device addition failure appears when adding devices.

- ✧ Check whether the MAC address is correct.
- ✧ Verify whether the MAC address is occupied by another account; request the original user to unbind the device beforehand.
- ✧ If the original user is unavailable, contact ACN administrators to unbind the device.