EWIND Cloud Management Platform User Manual

Contents

1. Log in

1.1. Log in EWIND Cloud Platform

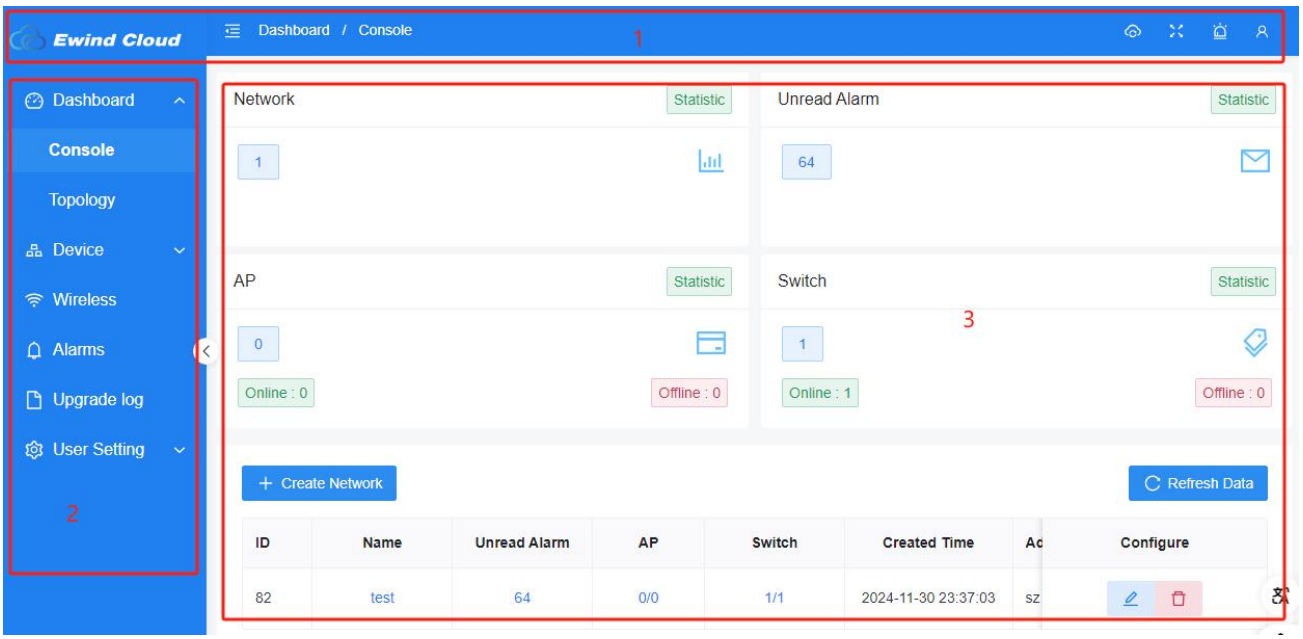
Open your browser and enter the EWIND Cloud Management Platform URL: https://ewind.cloud/.
On the login page, you can select your preferred language (English or Chinese).
Note: Before logging in, you must register an account using your email.

Pic 1-1-1: Login Page

Pic 1-1-2: Registration Page

1.2. User Interface

After logging in, the user interface provides various features for managing switches, receiving alerts, and other related operations. See the interface below:



Pic 1-2-1: User Interface

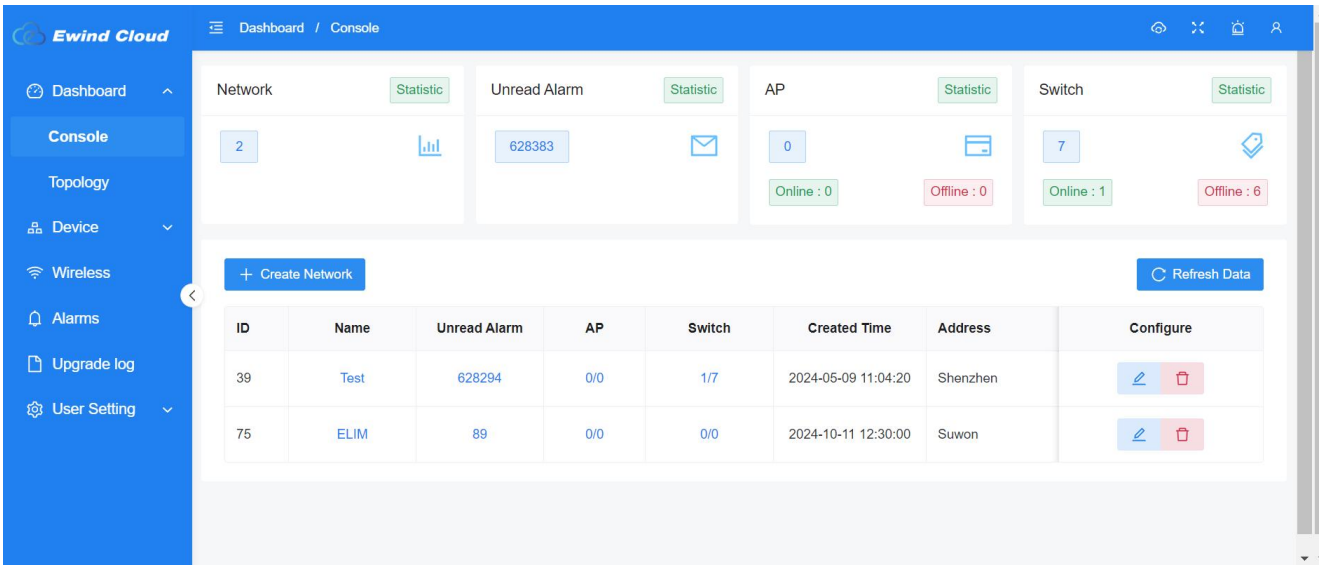
Section	Description
Section 1	Displays the company logo, current menu, refresh button, fullscreen toggle, web style switcher, “Me” (change password, change language, logout, lock screen, the current account information, and network switching)
Section 2	Navigation menu bar.
Section 3	Configuration and display area for data.

Figure 1-2-2: Interface Description

2. Dashboard

2.1. Console

The Console section provides an overview of your network, including the number of networks, unread alerts, APs, and switches (online/offline). You can also create networks and refresh data.
Navigate to **“Dashboard”** → **“Console”**, as show below:



Pic 2-1-1: Console Page

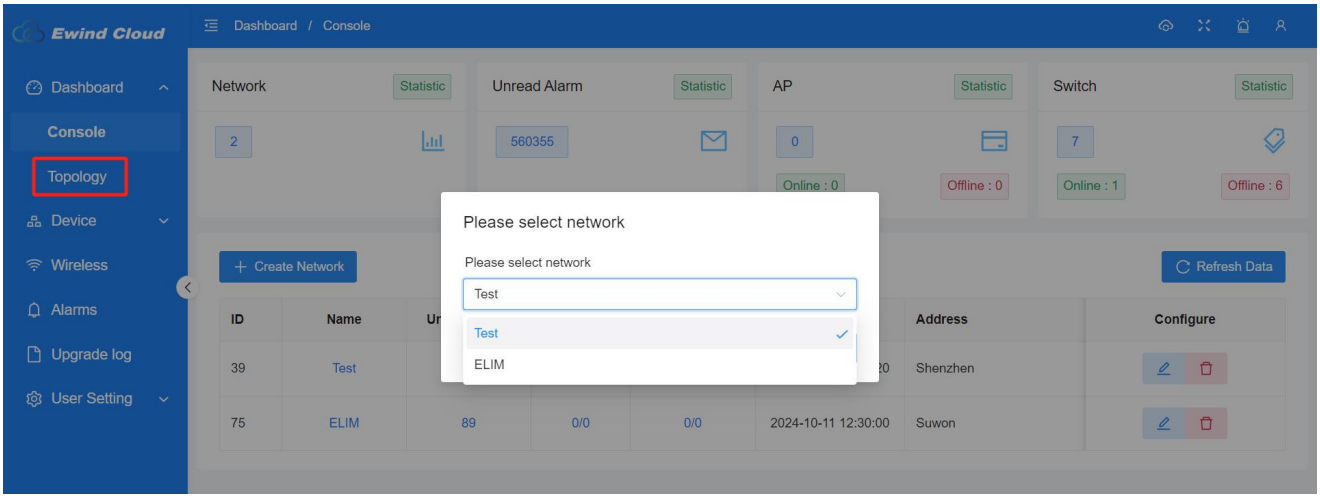
Items	Description
Network	Displays the total number of networks.
Unread Alarm	Shows the count of unread alerts.
AP	Displays the count of Access Points (APs) online and offline.
Switch	Displays the count of switches online and offline.
Create Network	Create a new network.
Refresh Data	Refresh the displayed data.

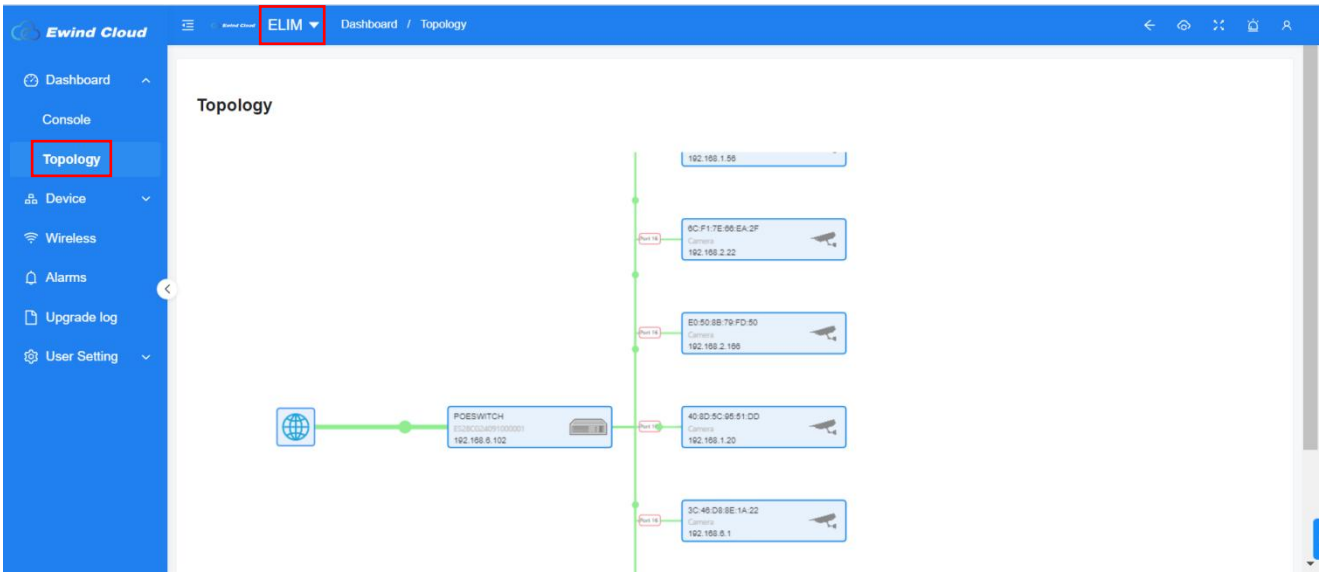
Figure 2-1-1: Console Description

2.2. Topology

When a switch are connected to the internet, the platform will automatically obtain an IP address via DHCP and generates a network topology.

Navigate to **"Dashboard"** → **"Topology"** → **"Select a current network"** , as shown below:





Pic 2-2-1&2: Topology Page

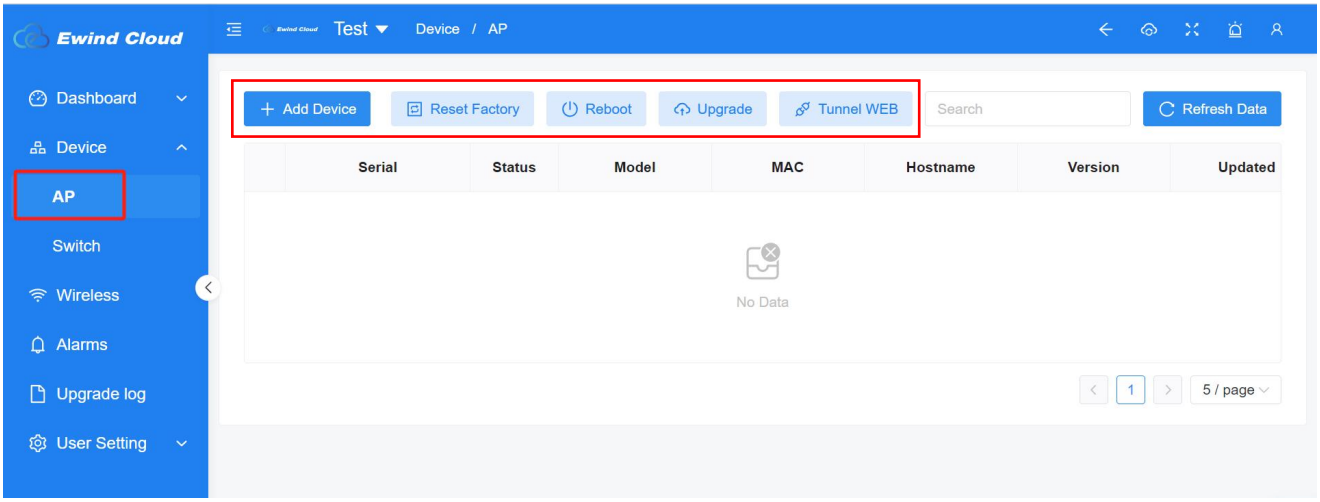
Item	Description
PoE Switch	Displays IP-connected PoE Switch.
Cameras	Displays cameras connected to PoE Switch.
Network Switching	Freely switch current network to check/review the Topology.

Figure 2-2-1: Topology description

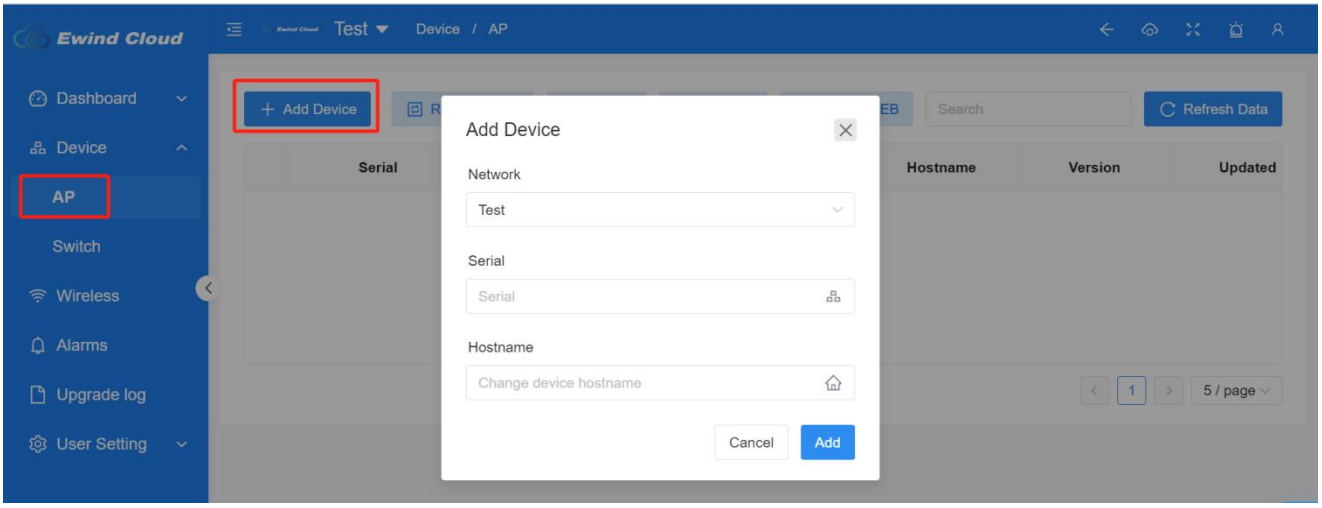
3. Device

3.1. Access Point (AP)

This page lists all AP devices. You can add new devices, reset, reboot, upgrade, check channel access, and query device details. Navigate to **"Device"** → **"AP"**, as shown below:



Pic 3-1-1: AP Device Operations

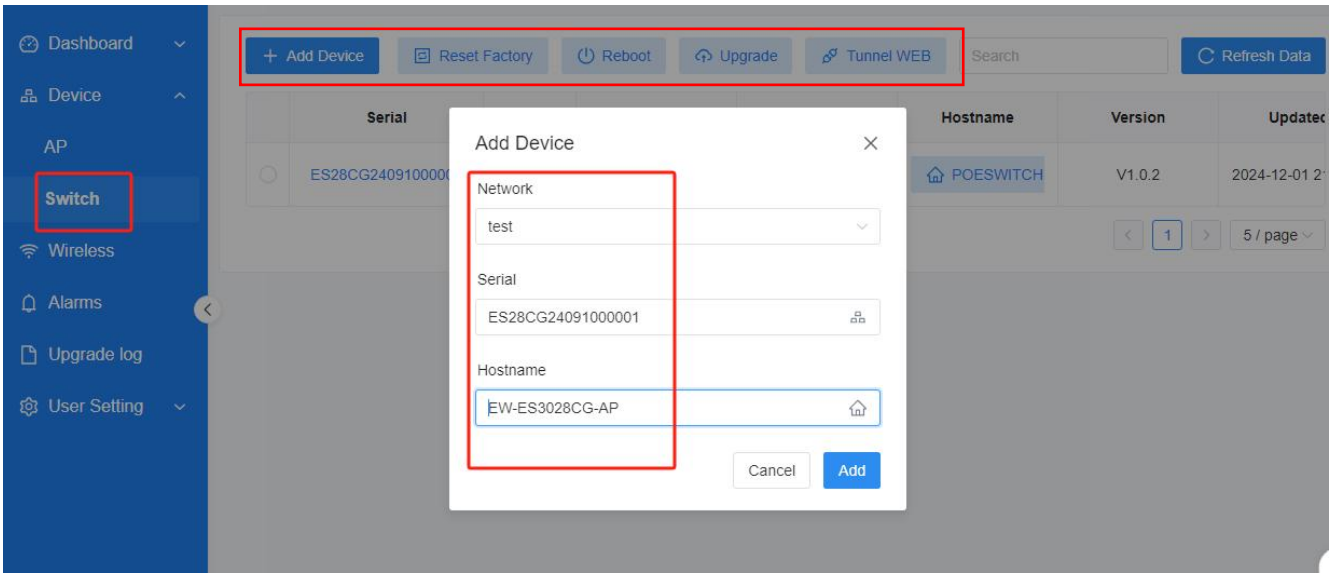


Pic 3-1-2: Add AP Device

3.2. Switch

This page displays all switches, where you can add devices, reset, reboot, upgrade, and manage configurations.

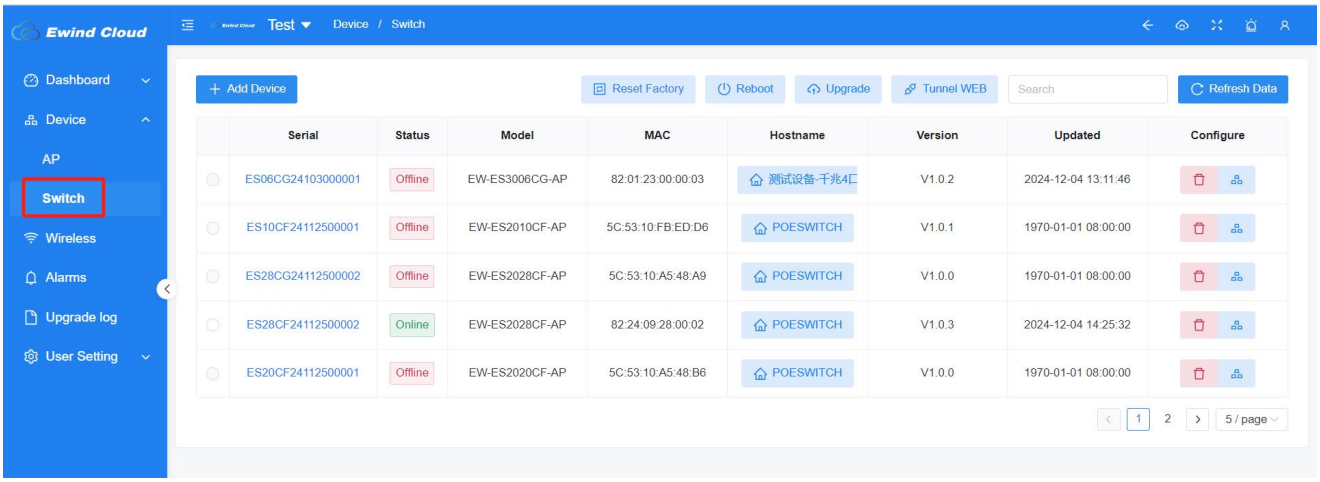
Navigate to **"Device"** → **"Switch"** → **"Add Device"**, as shown below:



Pic 3-2-1: Add Switch Page

Item	Description
Add Device	Enter Network, Serial, and Hostname.

Figure 3-2-1: Description



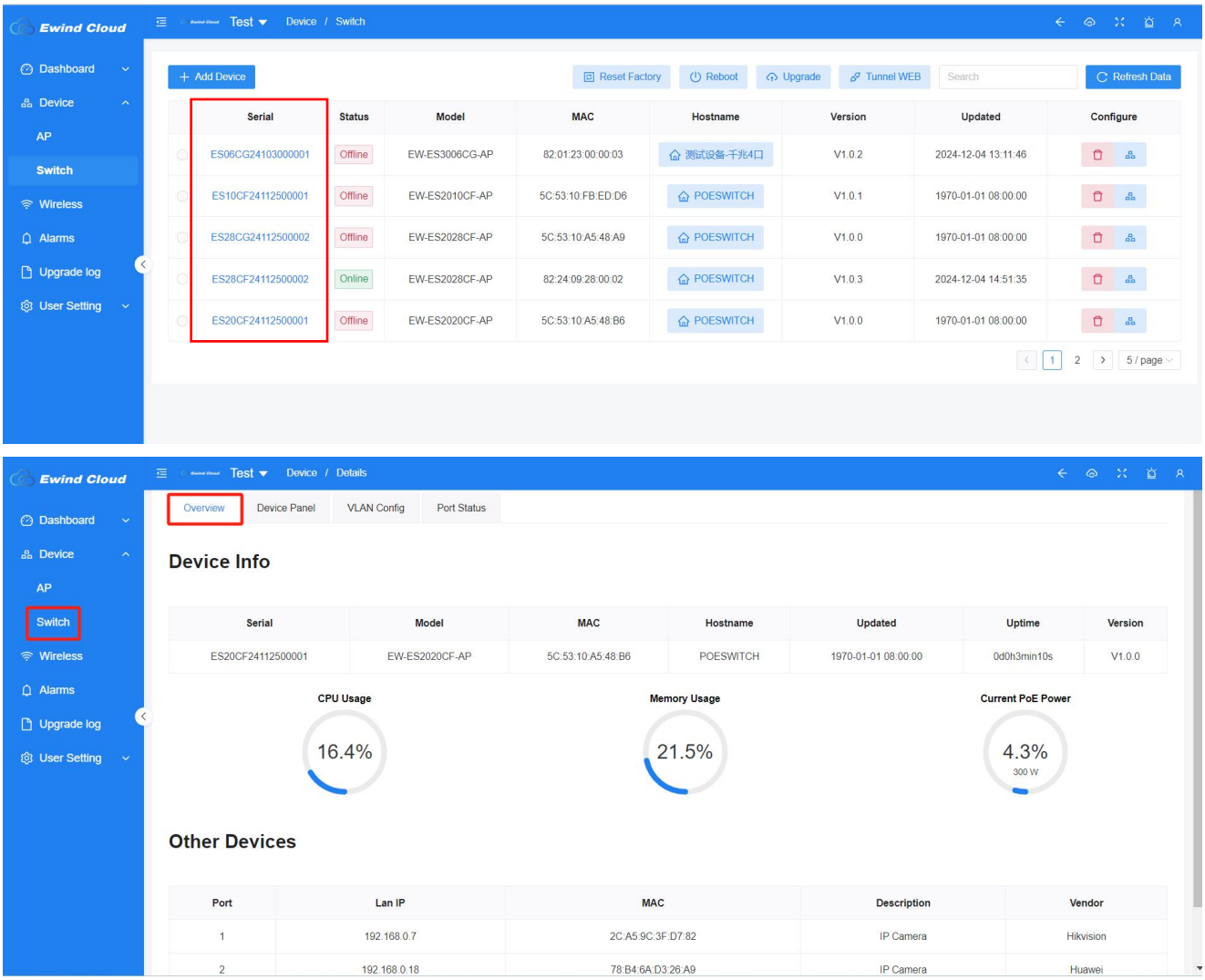
Pic 3-2-2: Switch List page

Item	Description
Reset to factory defaults	Reset the switch to factory settings.
Reboot Device	Restart the switch.
Upgrade Device	Update the switch firmware.
Channel/Tunnel Access	Access the channel.
Search	Search for devices by serial number, model, or name.
Refresh Data	Update the data.
Serial	Displays the device serial number.
Status	Shows the online status of the device.
Model	Displays the device model.
MAC	Shows the MAC address.
Host name	Displays the device hostname.
Version	Displays the software version.
Updated	Shows the last update time.
Configure	Delete or reassign the device to a new network.

Figure 3-2-2: Switch List description

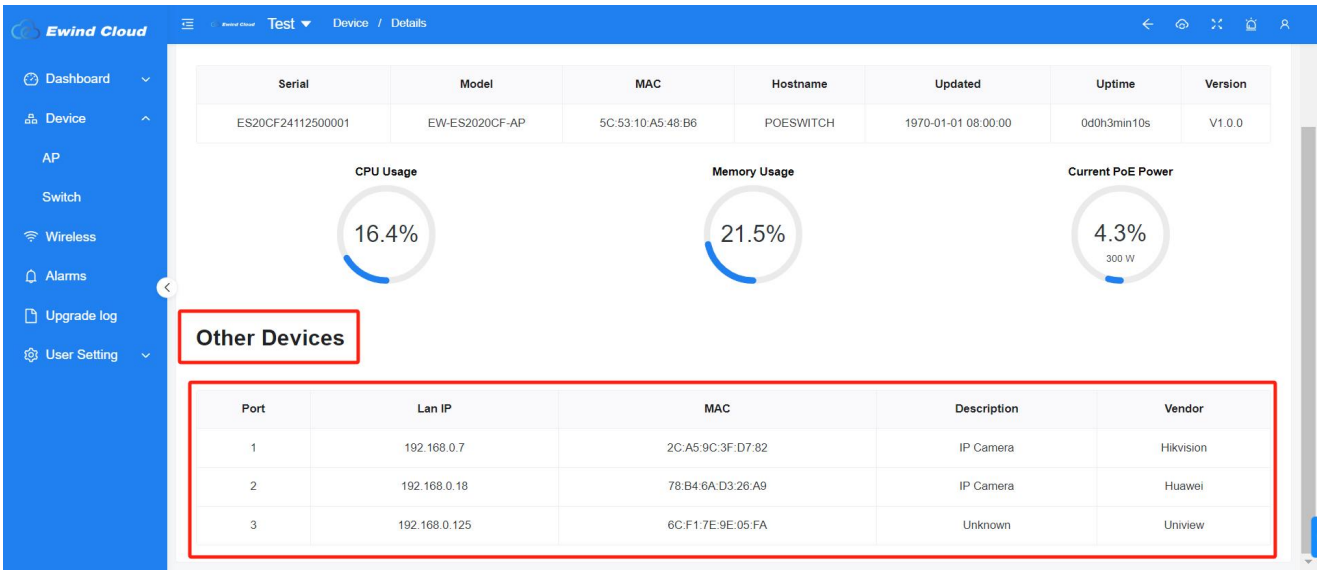
3.2.1. Device Overview

Click the device name under **“Serial”**, navigate to **“Overview”** → **“Device Info”**, as shown below:



Pic 3-2-1-1&2: Device Information Page

Scroll down the “**Overview**” → **“Other Devices”** to view information about other connected devices, as shown below:



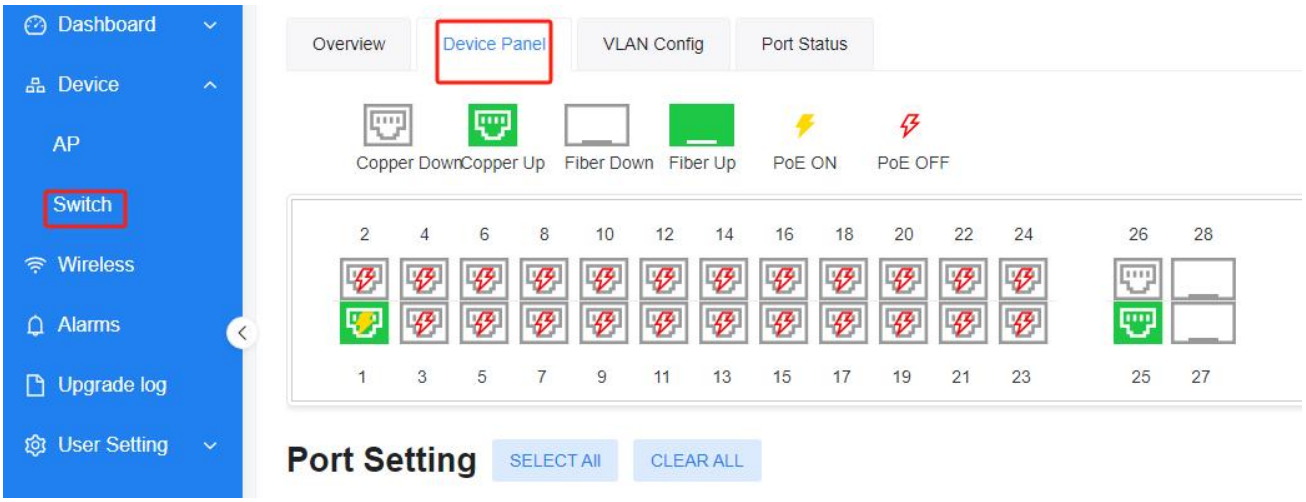
Pic 3-2-1-2: Connected Devices Information page

Item	Description
Port	Port number of the device.
Lan IP	Device's LAN IP address.
Mac	Device's MAC address.
Description	Device description.
Vendor	Manufacturer information.

Figure 3-2-1-2: Connected Devices Information

3.2.2. Device Panel

Navigate to **"Device"** → **"Switch"** → **"Serial (device name)"** → **"Device Panel/Details"**, as shown below:

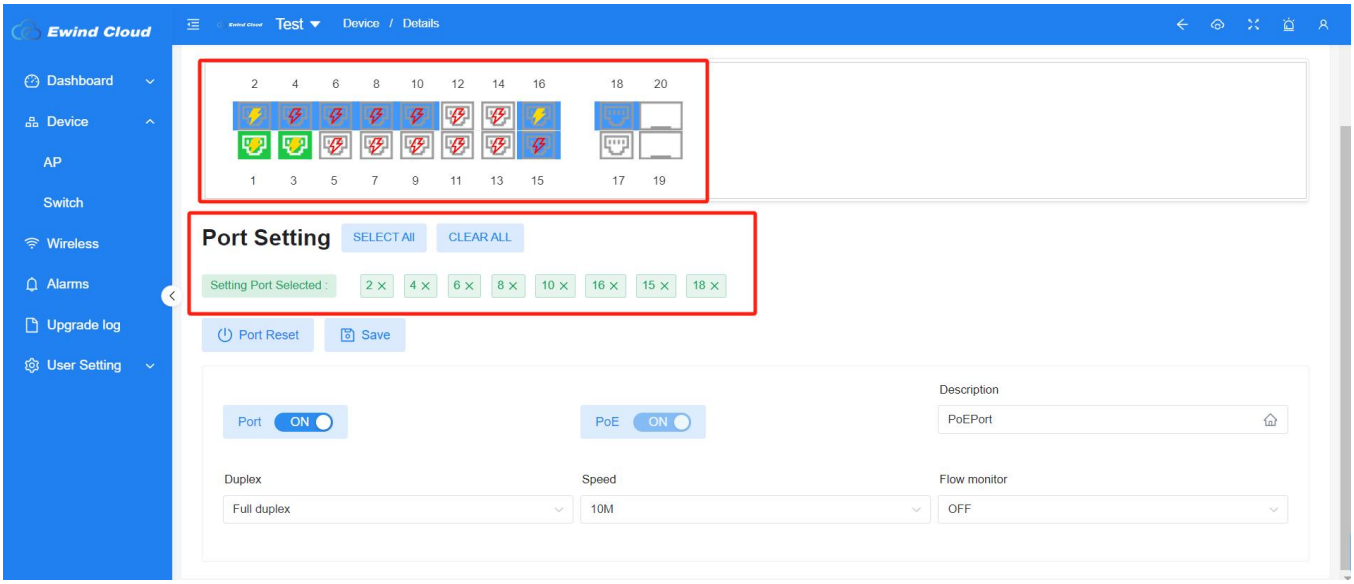


Pic 3-2-2-1: Port Configuration Page

Item	Description
Copper Down	Indicates disconnected copper ports.
Copper Up	Indicates connected copper ports.
Fiber Down	Indicates disconnected fiber ports.
Fiber Up	Indicates connected fiber ports.
PoE ON	Indicates PoE is enabled.
PoE OFF	Indicates PoE is disabled.

Figure 3-2-2-1: Port Configuration Information

Select the port, and scroll down the **“Device Panel”** → **“Port Setting”** to configure:



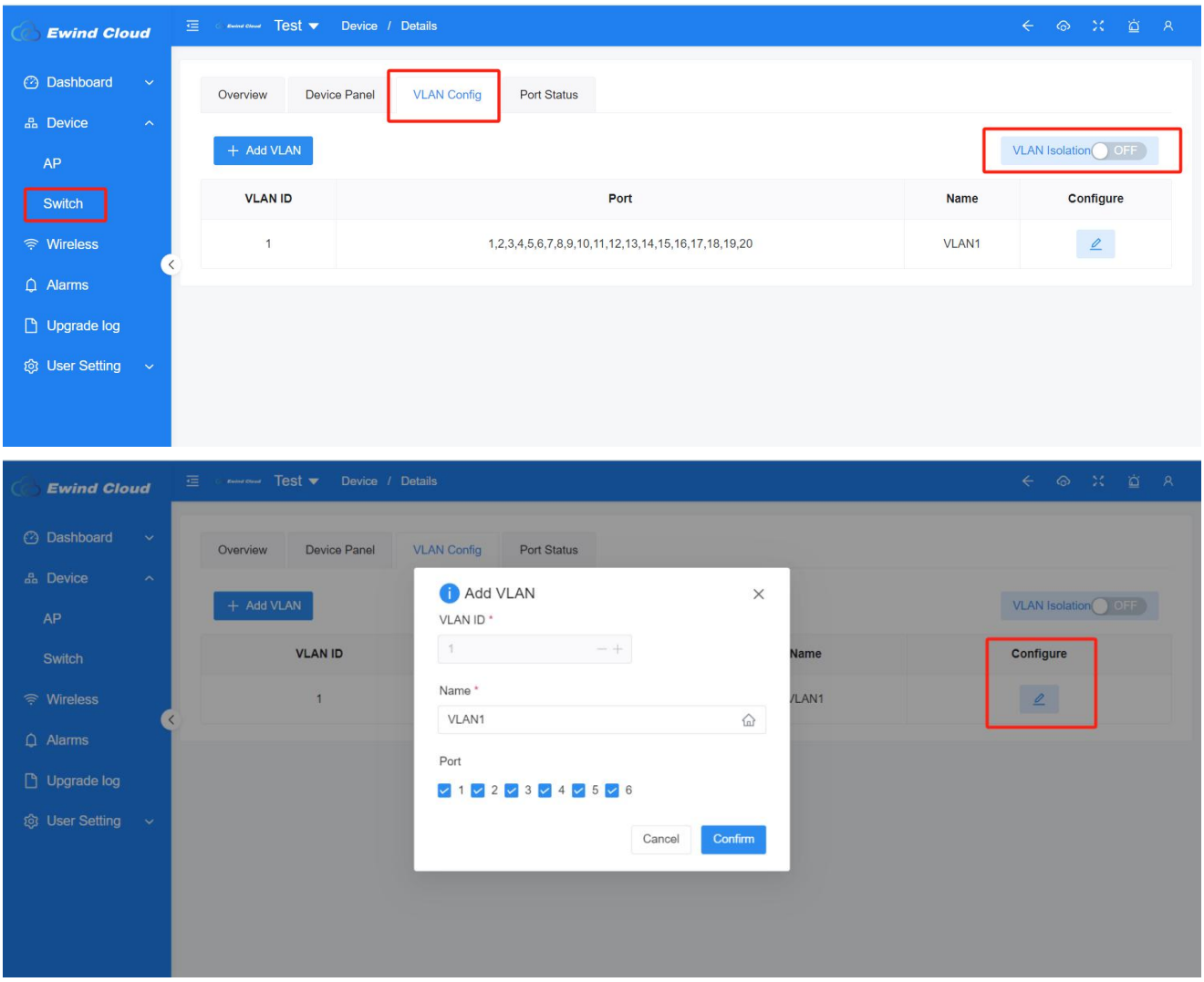
Pic 3-2-2-2: Port Configuration page

Item	Description
Port Setting	Select or Clear All ports.
Setting Port Selected	Display the currently configured ports
Port Reset	Reset selected ports.
PoE Reset	Reset PoE for selected ports.
Save	Save the configuration.
Port	Enable or disable ports.
POE	Enable or disable PoE ports.
Duplex	Set to Auto, Half Duplex, or Full Duplex.
Speed	Set to Auto, 10/100/1000 Mbps.
Flow monitor	Set to OFF, Upper or Lower.
Threshold	Set the traffic threshold (10 Kbps–1 Gbps).
Interval	Set the monitoring interval (1–3600 seconds).
Action	Choose Report, Reset, or Shutdown.

Figure 3-2-2-2: Port Configuration Description

3.2.3. VLAN Configuration

To configure VLAN settings, navigate to **“Device”** → **“Switch”** → **“Serial (device name)”** → **“VLAN Config”** → **“VLAN Isolation”**, as shown below:



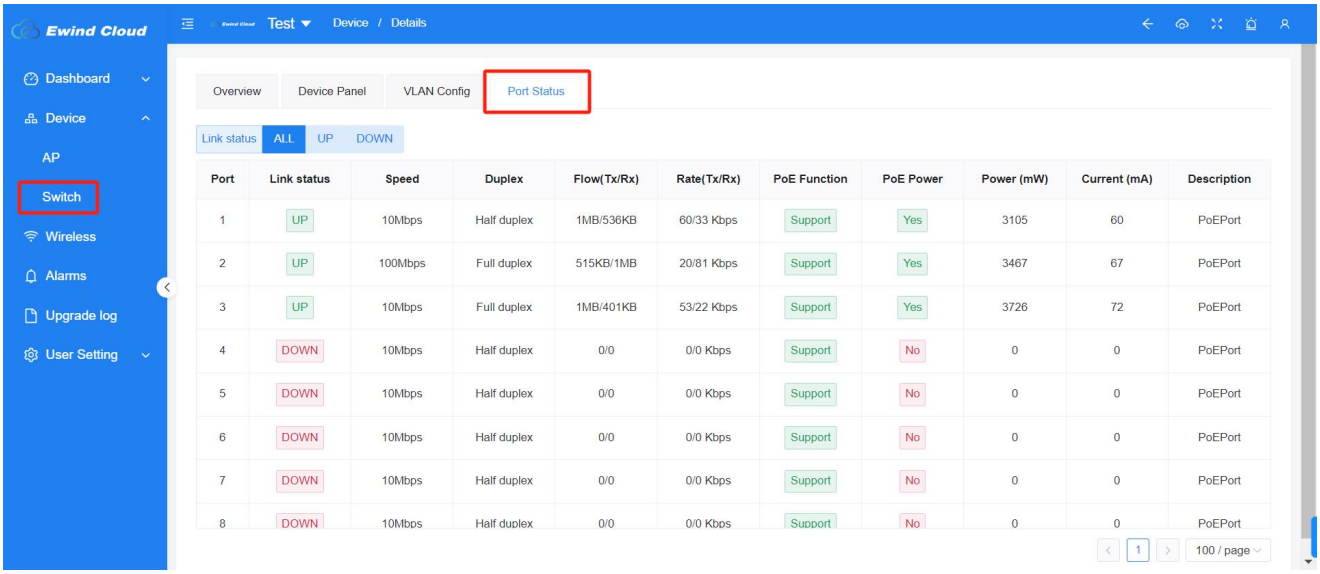
Pic 3-2-3-1: VLAN Configuration Page

Item	Description
VLAN Isolation	Enable or disable VLAN isolation.
Configure	Add VLAN name, select ports.

Figure 3-2-3-1: VLAN Configuration description

3.2.4. Port Status

You can view the status of each switch port by navigating to **“Device”** → **“Switch”** → **“Serial (device name)”** → **“Port Status”**, as shown below:



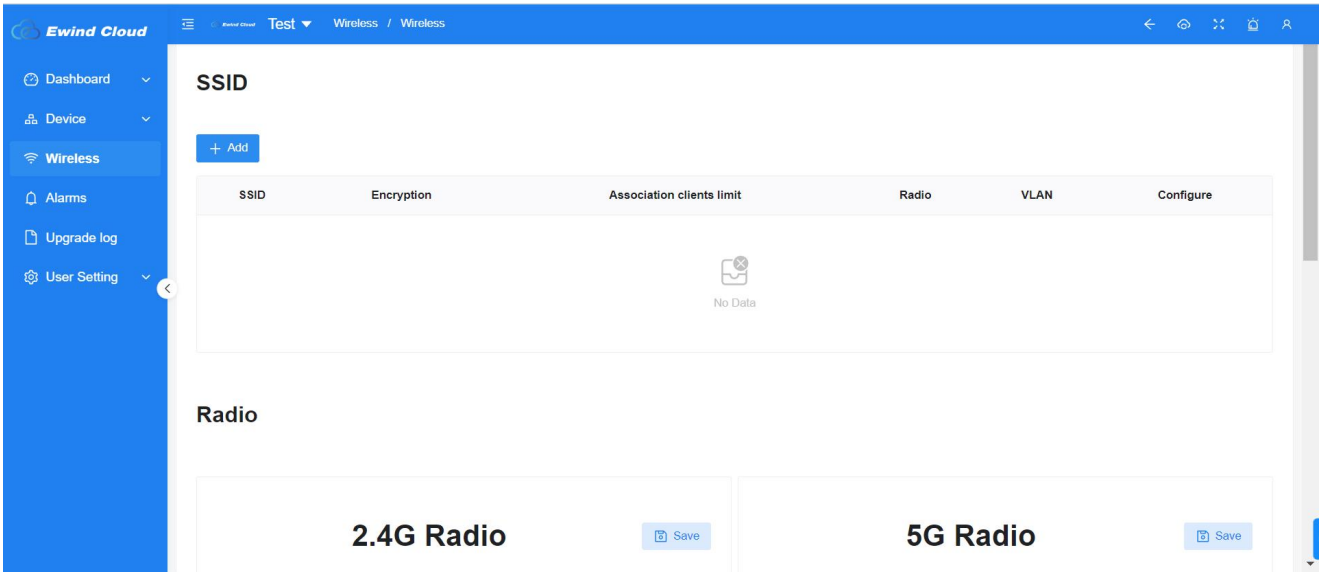
Pic 3-2-4-1: Port Status page

Item	Description
Port	Displays the switch port number.
Link status	Shows whether the port is connected or disconnected.
Duplex	Indicates Auto, Half Duplex, or Full Duplex settings.
Speed	Displays the speed: Auto, 10/100/1000 Mbps.
Flow (Tx/Rx)	Shows current upstream/downstream traffic.
Rate (Tx/Rx)	Displays the upstream/downstream rate.
PoE Function	Indicates whether PoE is supported.
PoE Power	Indicates whether PoE is enabled or disabled.
Power (mW)	Displays power consumption in milliwatts.
Current (mA)	Displays current usage in milliamps.
Description	Displays port description.

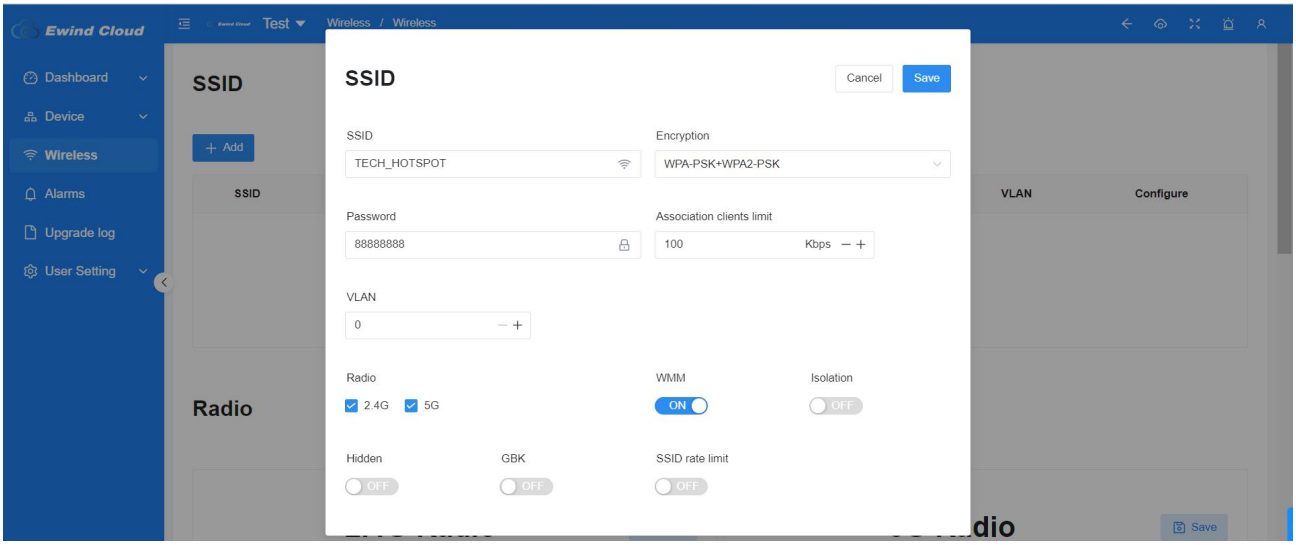
Figure 3-2-4-2: Port Status description

4. Wireless

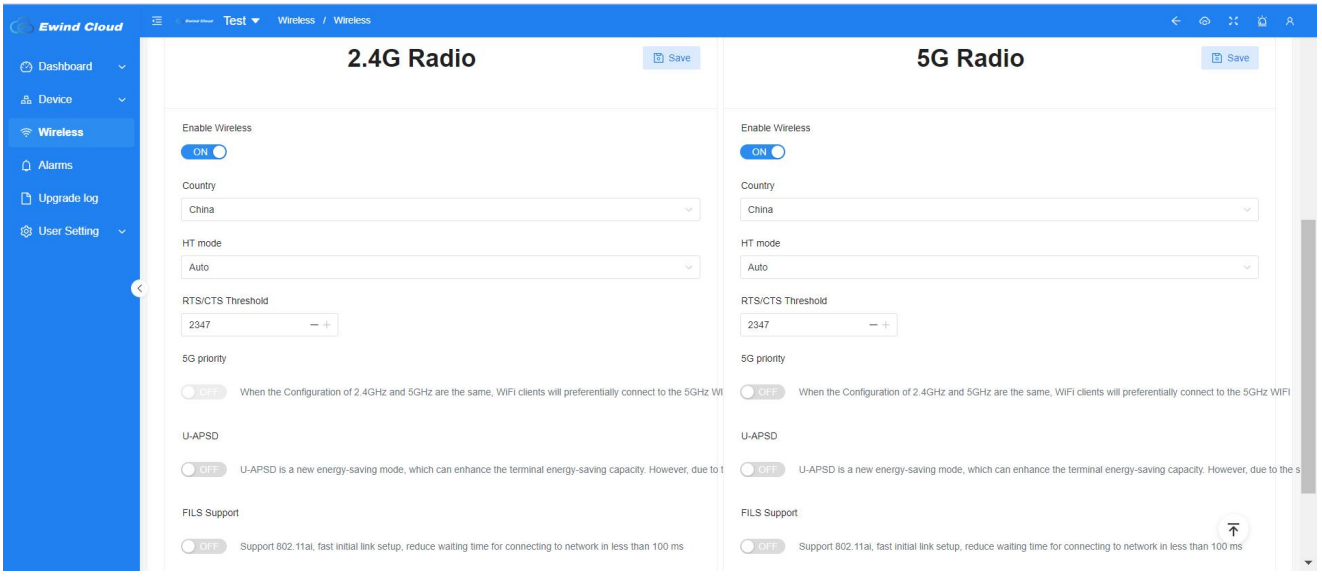
Users can add wireless networks and configure related devices in this page:



Pic 4-1: Wireless page



Pic 4-2: Add Wireless Device

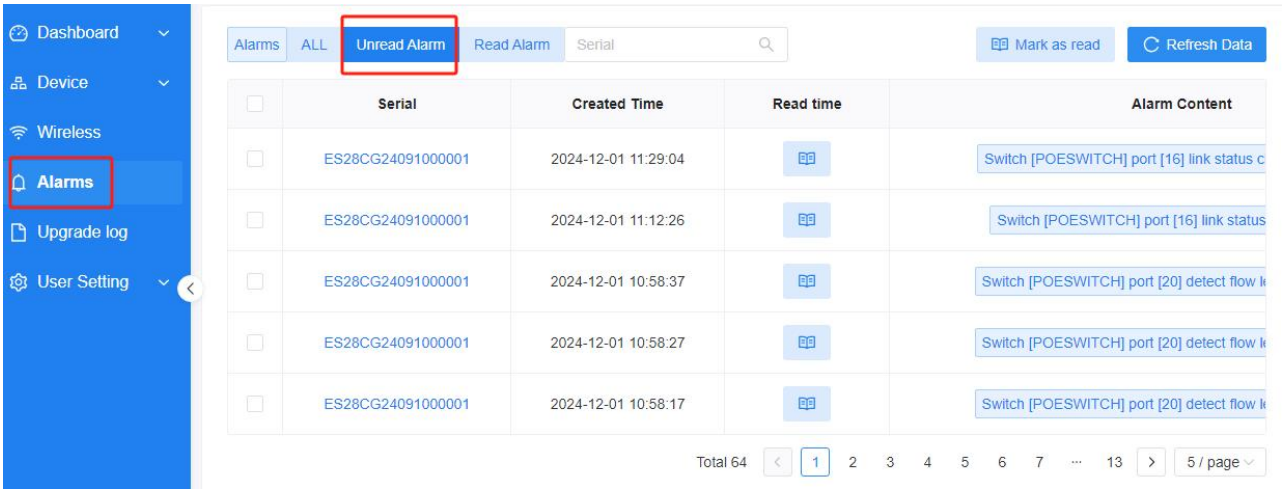


Pic 4-3: 2.4G/5G RF Settings

5. Alarms

5.1. Unread Alarm

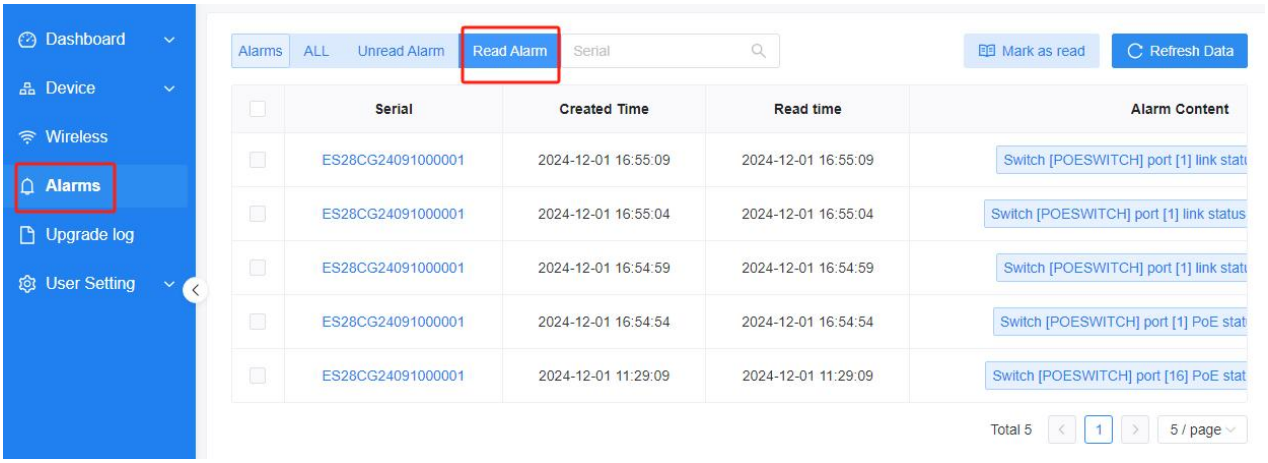
You can view unread alerts by navigating to **“Alarm”** → **“Unread Alarms”**, as shown below:



Pic 5-1-1: Unread Alarms Page

5.2. Read Alarm

You can view read alerts by navigating to **“Alarm”** → **“Read Alarms”**, as shown below:



Pic 5-1-2: Unread Alarms Page

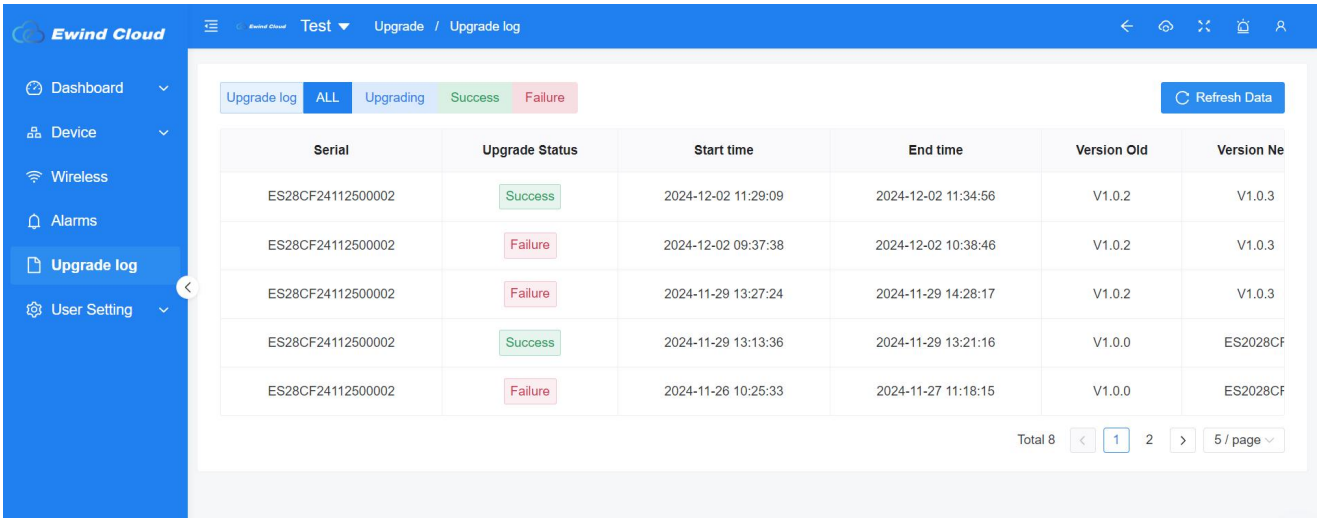
Item	Description
Mark as read	Mark selected unread alerts as read.
Refresh Data	Refresh Unread/Read alerts.
Serial	Displays the device serial number.
Created Time	Shows the time the alert was created.
Read time	Displays when the alert was marked as read.
Alarm Content	Describes the alert generated by the switch.

Figure 5-1: Alarms Page Description

6. Upgrade log

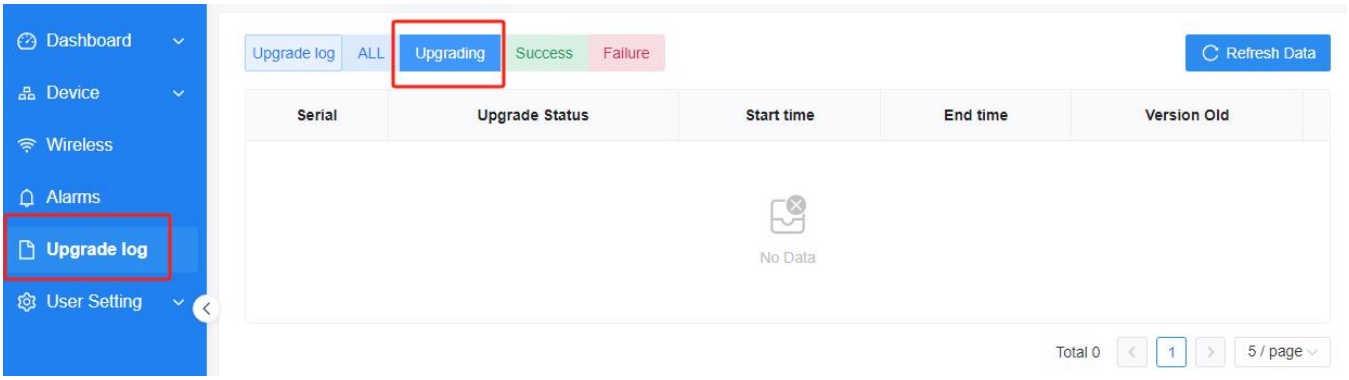
6.1. Upgrading

User can view the all upgrade information in this page:



Pic 6-1-1: Upgrade log Page

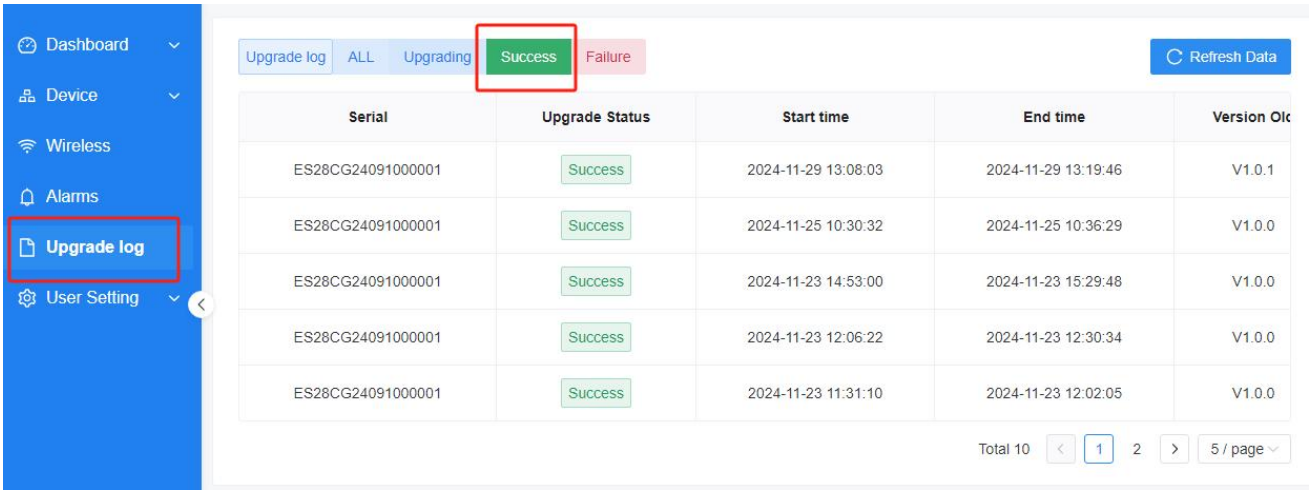
View devices currently undergoing upgrades by navigating to **“Upgrade Log”** → **“Upgrading”**:



Pic 6-1-2: Upgrading Page

6.2. Successful Upgrades

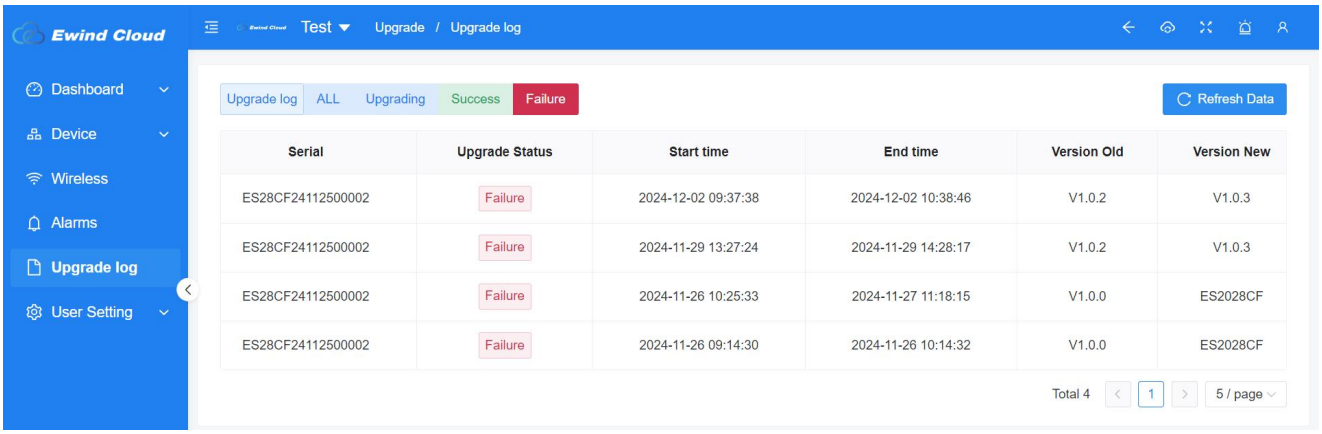
View devices successfully upgraded by navigating to **“Upgrade Log”**→ **“Success”**, as shown below:



Pic 6-2-1: Successful Upgrades Page

6.3. Failure Upgrades

View devices that failed during the upgrade by navigating to **“Upgrade Log”** → **“Failure”**, as shown below:



Pic 6-3-1: Failed Upgrades Page

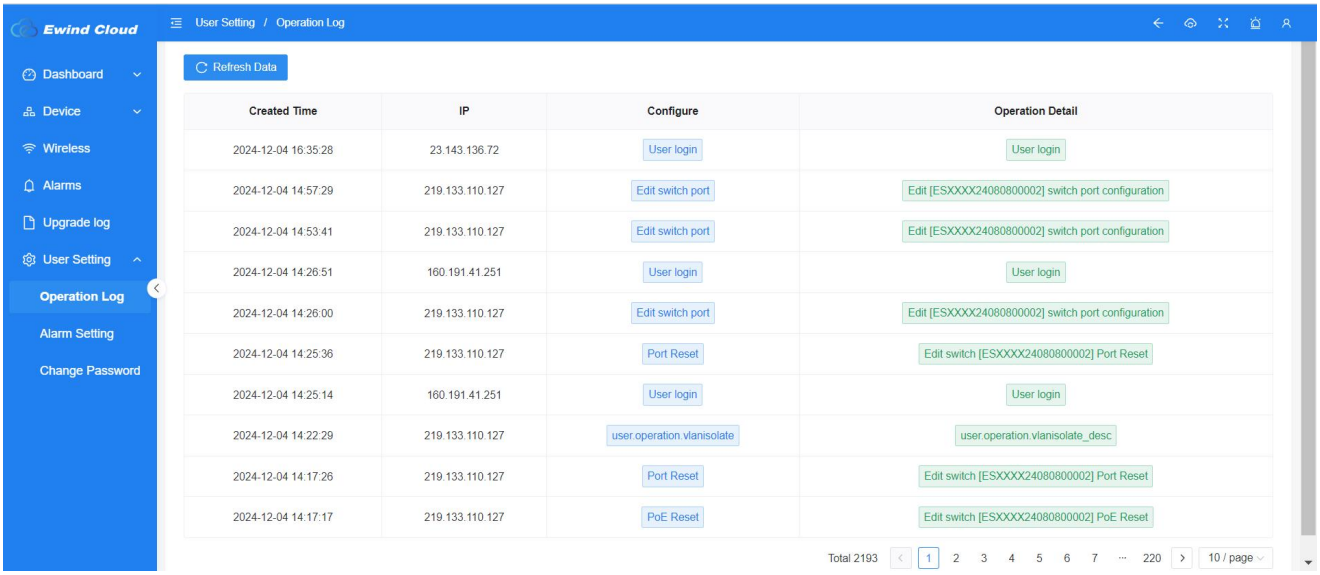
Item	Description
Refresh Data	Refresh the list of devices being upgraded/successful.
Serial	Displays the device serial number.
Upgrade Status	Shows the status of the upgrade process.
Start time	Indicates when the upgrade began.
End time	Indicates when the upgrade completed.
Version Old	Displays the pre-upgrade version.
Version New	Displays the post-upgrade version.

Figure 6-1: Upgrade Page Description

7. User Setting

7.1. Operation Log

User can view the operation log by navigating to **“User Setting”** → **“Operation Log”**, as shown below:



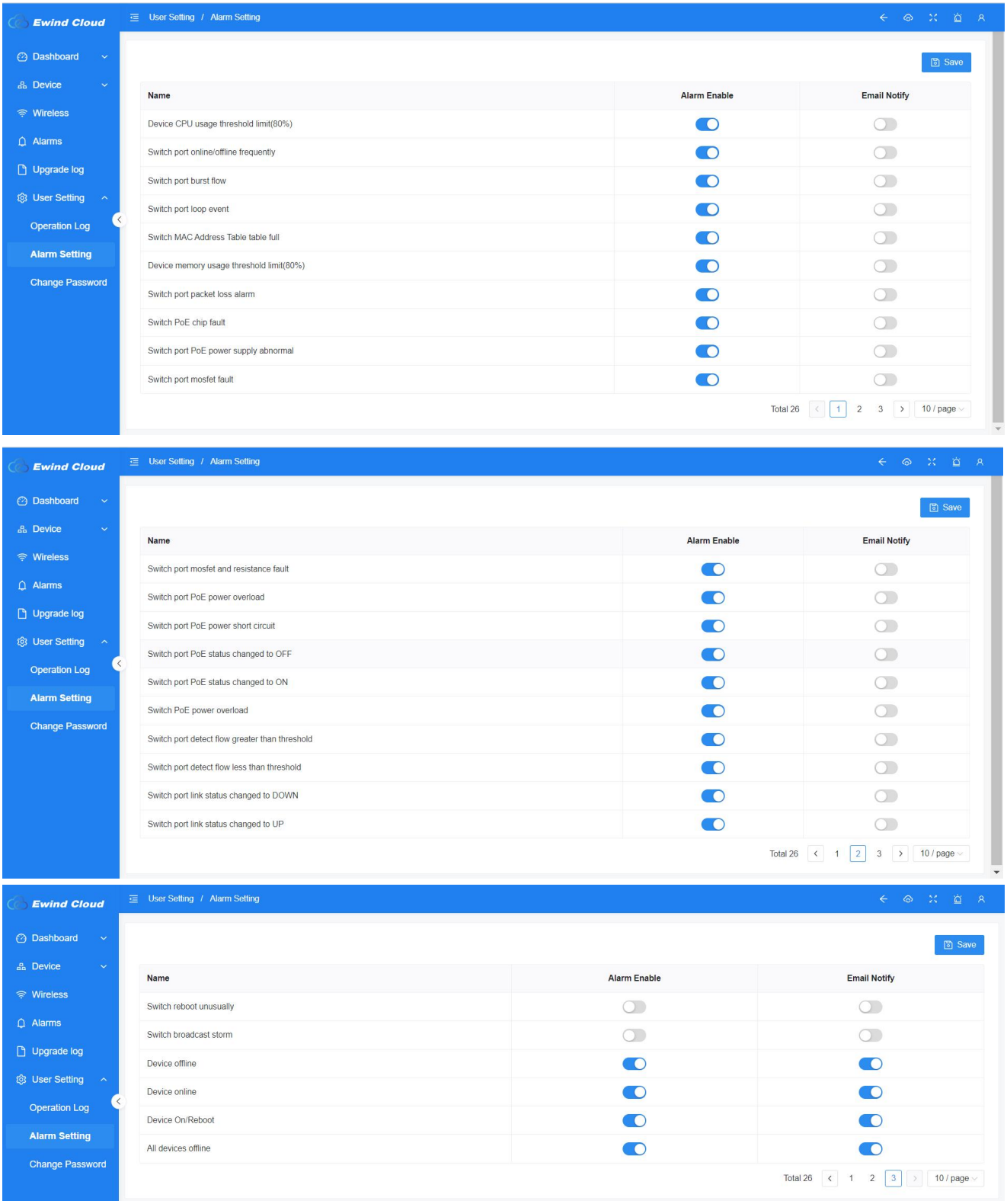
Pic 7-1-1: Operation Log Page

Item	Description
Refresh Data	Refresh the operation log.
Created Time	Displays the time the operation occurred.
IP address	Shows the IP address of the operator.
Configure	Displays the operation performed.
Operation Detail	Provides additional details about the operation.

Figure 7-1-1: Operation Log Description

7.2. Alarm Settings

Configure alarm settings by navigating to **“User Setting”** → **“Alarm Setting”**, as shown below:



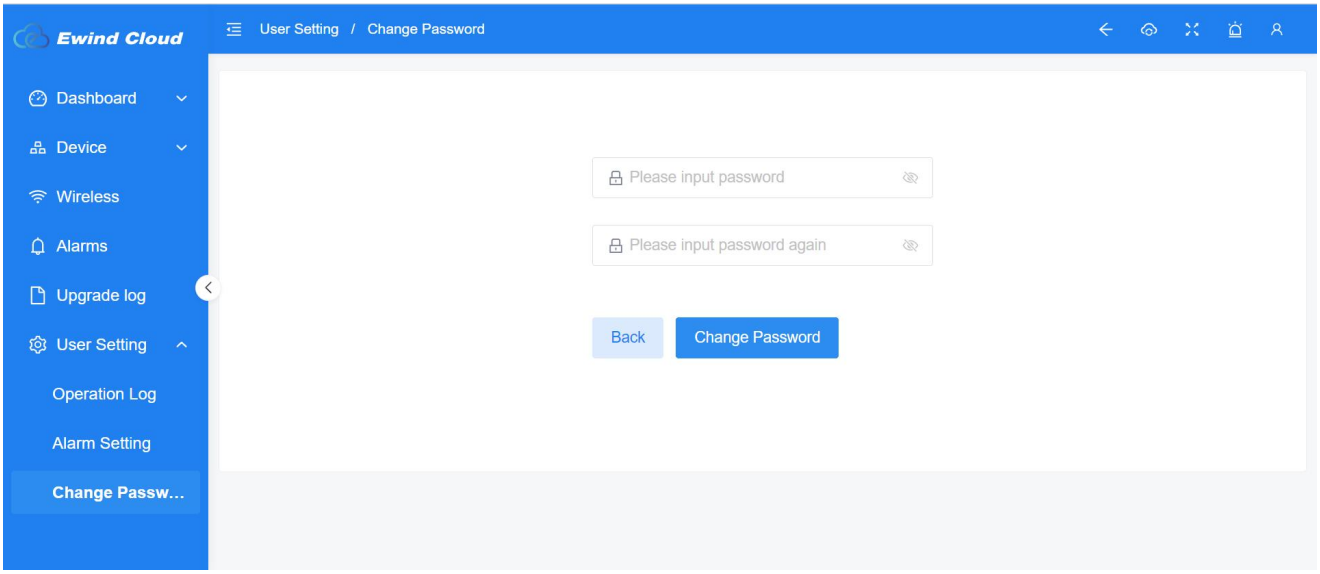
Pic 7-2-1: Alarm Settings Page

Item	Description
Name	Device CPU usage threshold limit (80%) Switch port online / offline frequently Switch port burst flow Switch port loop event Switch MAC Address Table table full Device memory usage threshold limit (80%) Switch port packet loss alarm Switch PoE chip fault Switch port PoE power supply abnormal Switch port mosfet fault Switch port mosfet and resistance fault Switch port PoE power Overload Switch port PoE power Short Circuit Switch port PoE status changed to OFF Switch port PoE status changed to ON Switch PoE power Overload Switch port detect flow greater than threshold Switch port detect flow less than threshold Switch port link status changed to DOWN Switch port link status changed to UP Switch reboot unusually Switch broadcast storm Device Offline Device Online Device On / Reboot All devices offline
Alarm Enable	Enable or disable alarms.
Email Notify	Enable or disable email notifications.

Figure 7-2-1: Alarm Settings Description

7.3. Change Password

Change the account password by navigating to **“User Setting”** → **“Change Password”**, as shown below:



Pic 7-3-1: Change Password Page

Item	Description
Please input password	Enter the new password
Please input password again	Enter the new password again
Change password	Confirm

Figure 7-3-1: Change Password Description