GV-APOE4813

Content

Packing List **1**
Front Panel **2**
LED Indicator **2**
Rear Panel **3**
Mount Installation **3**
Leveled Installation 3
Rackmount Installation 4
Connecting to GV-IP Camera **5**
Accessing the Web Interface **6**
Basic Setup **7**
A. Assigning an IP Address 7
B. Configuring PoE Port Using GV-IP Device Utility 9
C. Switching SFP Port between 1G / 10G Modes 10
Loading Default Setting **10**
Hardware 10
Web Interface 11
Updating Firmware **11**
Specifications **12**

GV-APOE4813

48-Port Gigabit Web Management PoE Switch

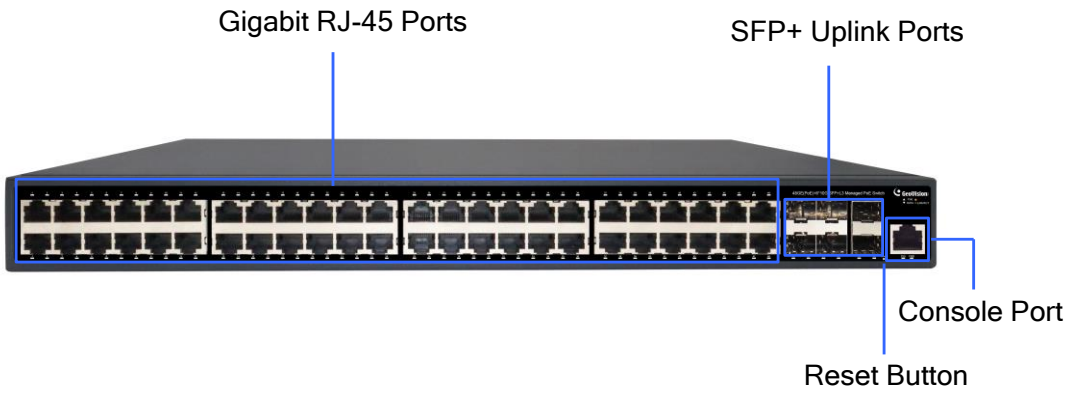


Packing List

1. GV-APOE4813
2. Power Cord
3. Screw x 8
4. Rack Mount Kit
5. Rubber Feet x 4

Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.

Front Panel

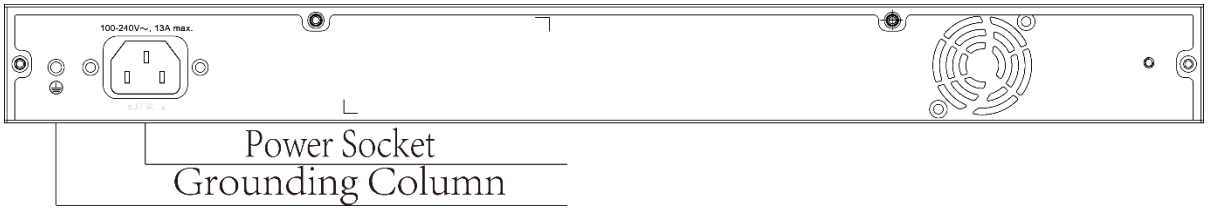


IMPORTANT: The Console port is used to connect to the serial port of a computer or other terminal device for debugging only.

LED Indicator

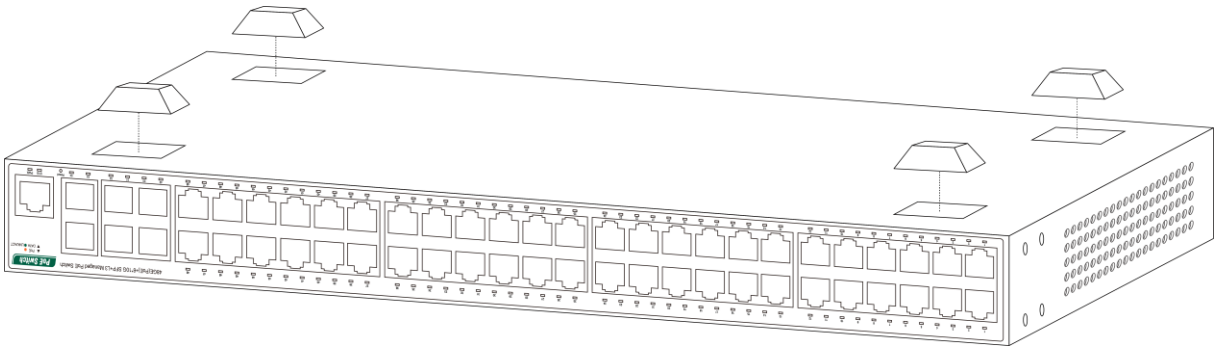
LED	Color/Status	Description
PWR	Off	No power supply
	Green	System powered on
DATA	Off	No devices connected to the corresponding port
	Green On	Network successfully established at 10/100/1000Mbps through the corresponding port
	Blinking Green	Data actively being sent or received by the Switch over the corresponding port
PoE	Off	No PoE powered device (PD) connected
	Orange On	PoE powered devices connected with successful power supply
	Blinking Orange	Abnormal PoE supply of the corresponding port
SYS	Blinking Green	System working properly
	Off	System being restarted or system abnormal

Rear Panel

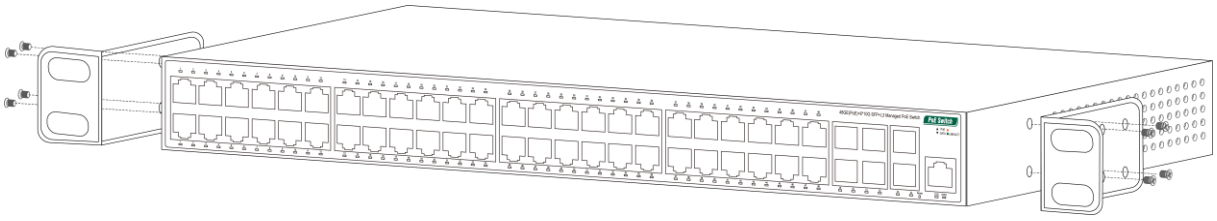


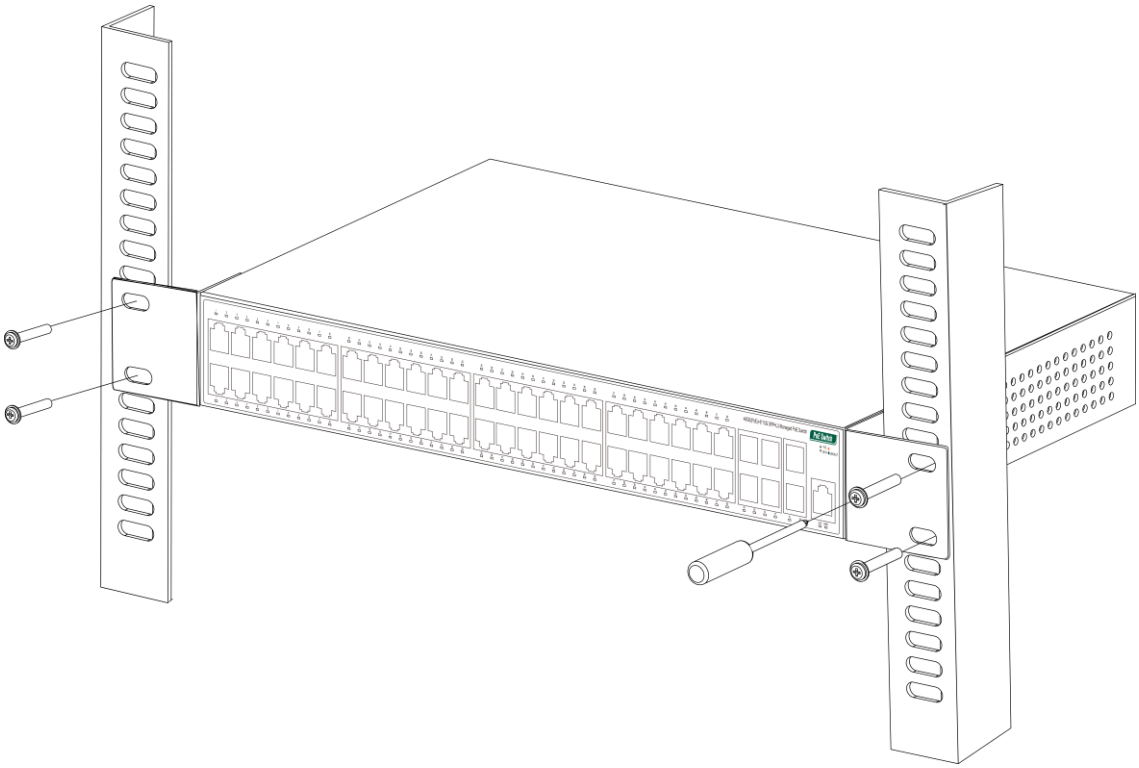
Mount Installation

Leveled Installation



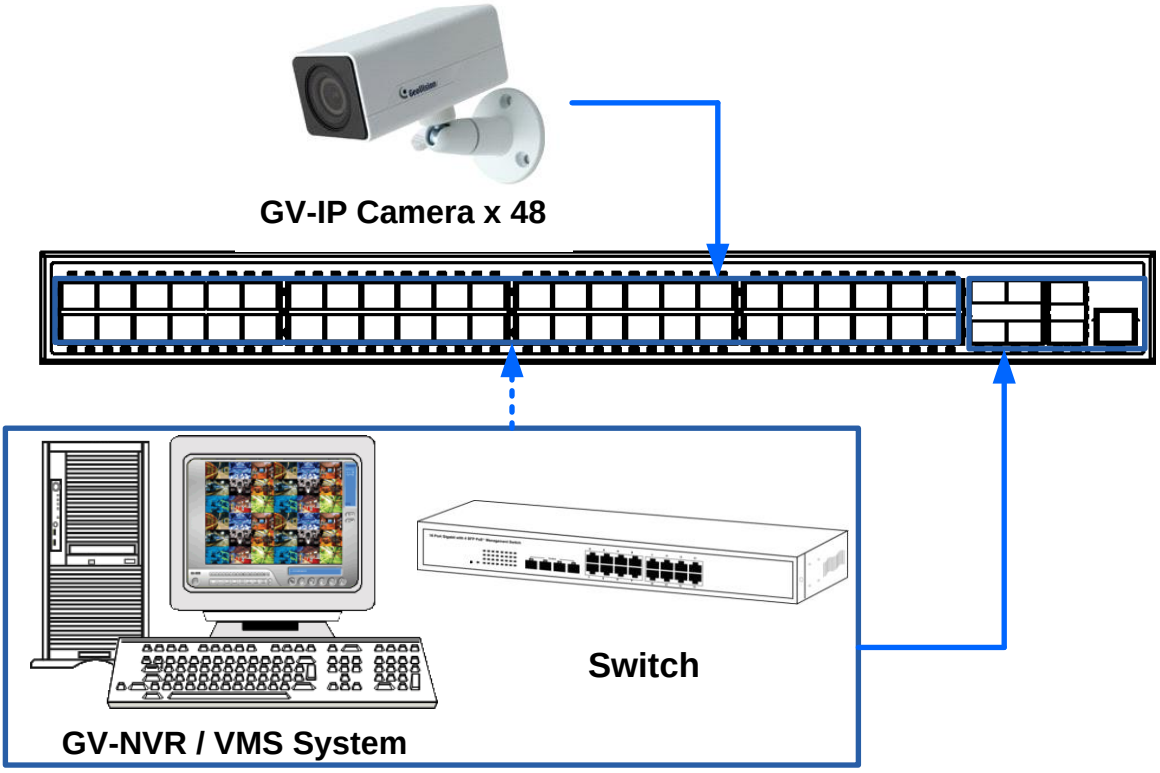
Rackmount Installation





Connecting to GV-IP Camera

The switch can be connected to up to 48 GV-IP Cameras and 1 GV-NVR / VMS System. You can also extend the connection by connecting to another switch.



Note:

1. GV-NVR / VMS or a switch can connect to the RJ-45 ports or SFP+ ports.
2. The maximum cable length for:
   - Gigabit RJ-45 (Cat.5) is 100 m (330 ft).
   - Gigabit RJ-45 (Cat.5e, 6) can achieve 250 m (820 ft) by setting the network bandwidth of the 48 PoE ports to 10 Mbps per port on the switch's Web interface. See details in *3.6 Port Rate, GV-APOE4813 User's Manual.*
3. For connection that exceeds 250 m (820 ft), use the 10 Gigabit SFP+ ports.

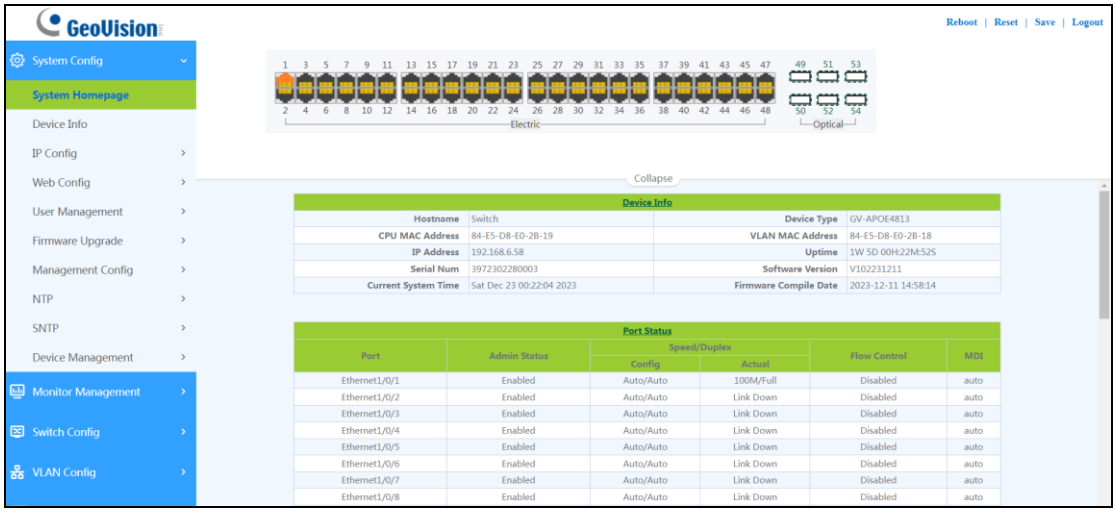
Accessing the Web Interface

Users can log in the Web interface to manage and set up the switch.

1. To access the Web user interface, type the default IP **192.168.0.250** into your Web browser. The login page appears.



2. Type the default username **admin** and password **admin.** Click **Login In**.
3. When prompted to create your login credentials, type the necessary information and click **Apply**. The System Information page appears.



Note: Before rebooting, make sure click the Save button at the top right of the Web interface in order to save your current settings.

Basic Setup

Refer to the following sections for the basic setup of the switch, including assigning an IP address, port PoE configuration, and switching SFP port between 1G / 10G modes.

A. Assigning an IP Address

Adopt one of the following alternatives to assign an IP address to the switch.

a. Assigning a Fixed or Dynamic IP on the Web Interface

1. On the Web interface, select **System Config** > **IP Config** > **IPv4 Config**.

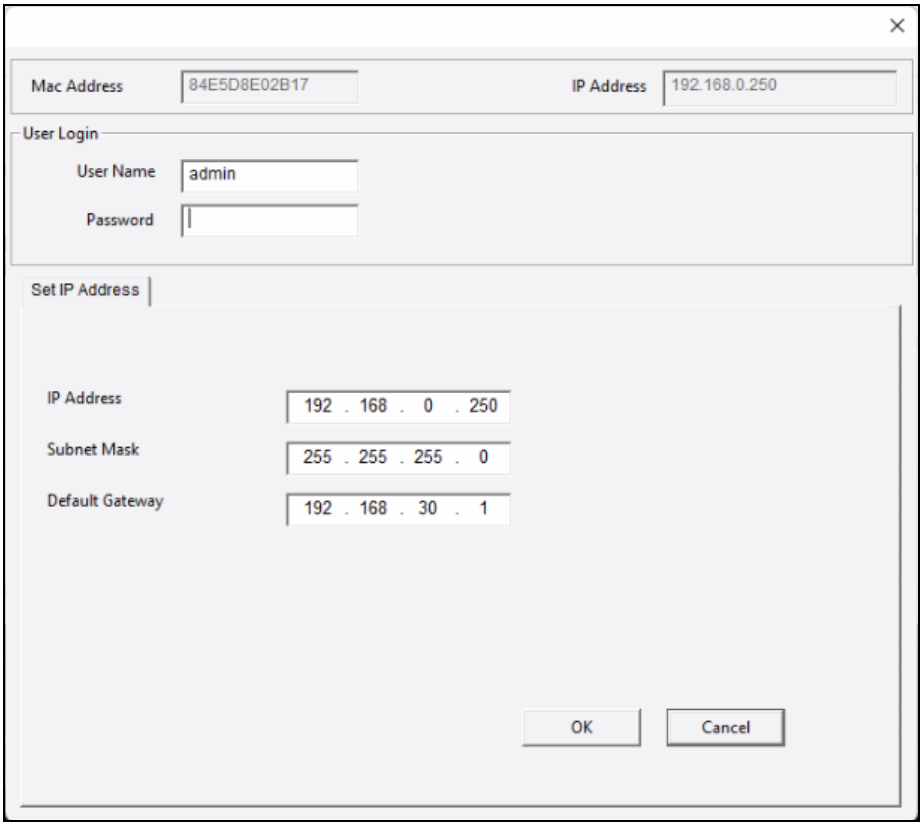


2. In IP Mode, select **Static IP** to change an IP address or click **Dynamic** to allow DHCP to assign a dynamic IP address. Click **Apply**.
3. Re-log in to the switch using the newly assigned IP address.

Note: If you select to use a dynamic IP, check the IP address first with GV-IP Device Utility before logging in again.

b. Assigning an IP Using GV-IP Device Utility

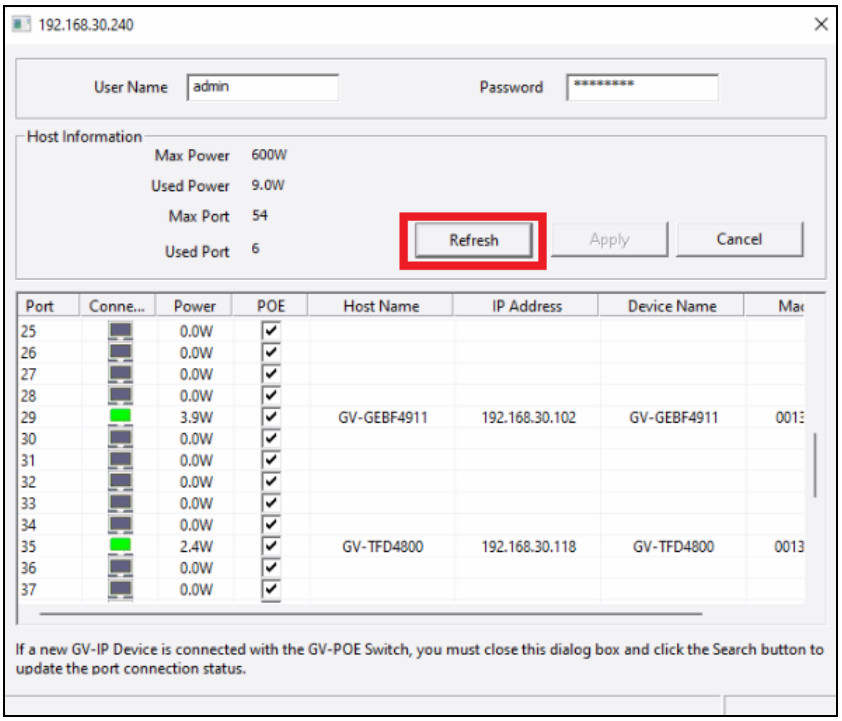
1. Make sure a PC and the switch are connected to the same LAN, and GV-IP Device Utility (V.8.9.9 or later) is installed on the PC from our website.
2. On GV-IP Device Utility, click the button to search for the IP devices in the same LAN.
3. Click the switch's IP address, and select **Set IP Address**.
4. On the configuration dialog box, type the **User Name** and **Password**.
5. Type the desired IP address, subnet mask, and default gateway. Click **OK**.



B. Configuring PoE Port Using GV-IP Device Utility

You can quickly access and configure the PoE port status of the devices connected to the switch by using GV-IP Device Utility. Follow the instructions below:

1. Make sure a PC and the switch are connected to the LAN, and GV-IP Device Utility (V.8.9.9 or later) is installed on the PC from our website.
2. On GV-IP Device Utility, click the button to search for the IP devices in the same LAN.
3. Click the switch's IP address, and select **Configure**.
4. On the configuration dialog box, type the **User Name** and **Password**, and click **Refresh**.

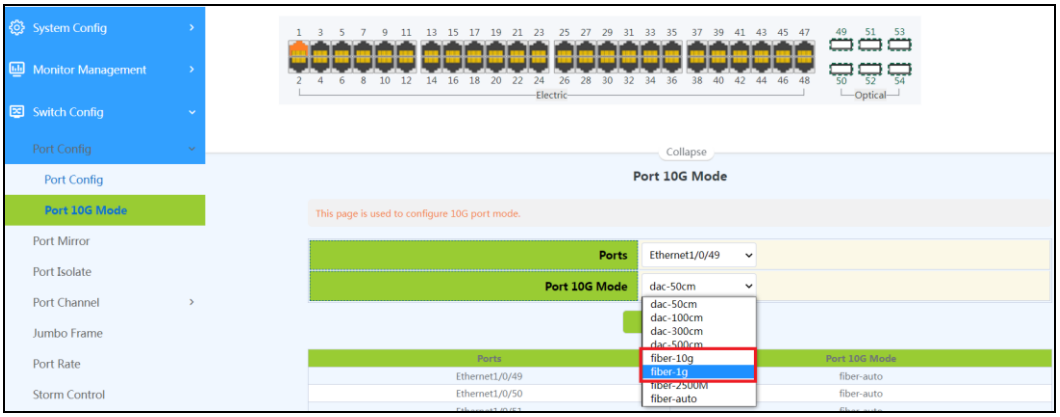


5. To enable or disable the PoE function of a device connected to the switch, select or deselect the **POE** checkbox.
6. Click **Apply**.

C. Switching SFP Port between 1G / 10G Modes

By default, the switch's SFP port ethernet speed is set to 10G. Follow the instructions below to switch the SFP ports between 1G and 10G modes:

1. On the Web interface, select **Switch Config** > **Port Config** > **Port 10G Mode.**
2. Select the desired port and mode, and click **Apply**.



Loading Default Setting

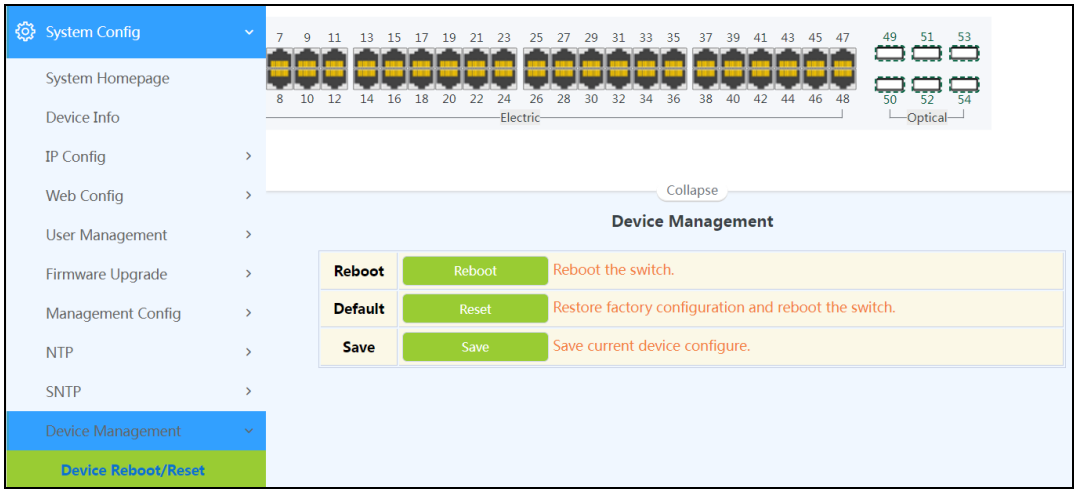
If for any reason the device is not responding properly, you can reset it to its factory default settings either directly on the device or through its Web interface.

Hardware

1. Turn on the switch.
2. Press and hold the **Reset** button on the front panel of the switch for 5 seconds until all the LED start blinking.
3. Release the button. The switch is restored to its default settings.

Web Interface

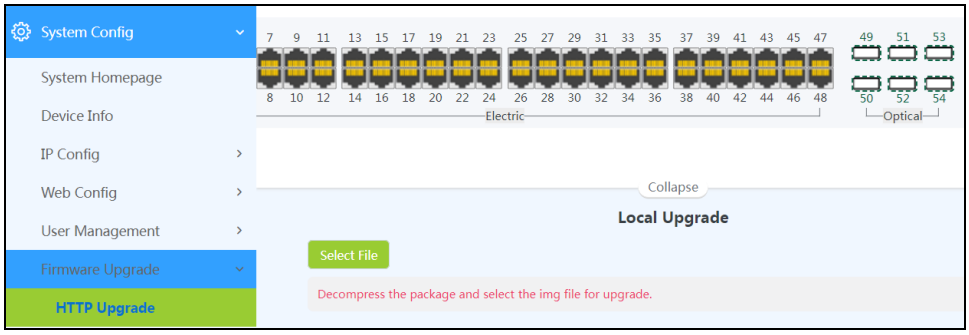
1. Select **System Config** > **Device Management** > **Device Reboot/Reset**.
2. In the **Device Management** table, click **Reset** to restore the switch to its factory default configurations, or click **Save** to restore default configurations while keeping the current settings.



Note: After loading default by pressing the Reset button or from the Web interface, you may need to configure IP address and Password again.

Updating Firmware

1. Select **System Config** > **Firmware update** > **HTTP Upgrade**. This page appears.



2. Click **Select File** to select the firmware file.
3. Click **Apply**. The upgrade process starts.
4. After the firmware is successfully upgraded, the system will automatically log out and reboot.

Specifications

For detailed specifications, see Datasheet.