**Manuals+** — User Manuals Simplified.



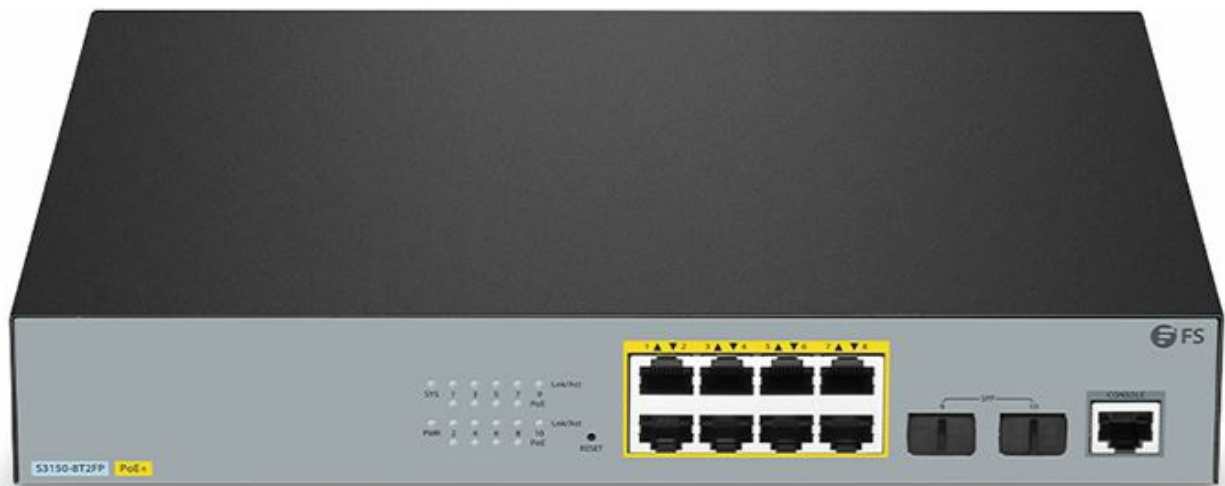# FS 8, 16, 24, 48 Port Gigabit L2 plus POE plus Managed Switch User Guide

**Contents**

**FS 8, 16, 24, 48 Port Gigabit L2 plus POE plus Managed Switch**

## Product Information

- Product Name: PoE+
- Manufacturer: FS.COM GmbH

### Compliance

The device is in compliance with the following directives:

- Directive 2014/30/EU
- Directive 2014/35/EU
- Directive 2011/65/EU
- (EU)2015/863

**Warranty**: For information on warranty, please visit **https://www.fs.com/jp/policies/warranty.html**.

**Returns**: If you want to return item(s), please follow the instructions provided at **https://www.fs.com/jp/policies/day_return_policy.html**.

### contact information

- Website: https://www.fs.com/jp/contact_us.html –
- Address: FS.COM GmbH NOVA Gewerbepark Building 7, Am Gfild 7, 85375 Neufahrn bei Munich, Germany

## Product Usage Instructions

### Installation:

- Ensure that the PoE+ device is connected to a power source.
- Connect the device to the appropriate network or equipment using the provided cables.

### Power over Ethernet (PoE+) Usage:

- The PoE+ feature allows the device to transmit power and data over Ethernet cables.
- Connect the PoE+ device to a compatible PoE+ switch or injector using an Ethernet cable.
- Make sure that the connected device supports PoE+ functionality.
- The PoE+ device will automatically detect and provide power to the connected device.

**Compliance**

The PoE+ device is compliant with the specified directives:

- Directive 2014/30/EU (Electromagnetic Compatibility Directive)
- Directive 2014/35/EU (Low Voltage Directive)
- Directive 2011/65/EU (Restriction of Hazardous Substances Directive)
- (EU)2015/863 (Restriction of Hazardous Substances Directive – RoHS)

For more information on compliance, refer to the EU Declaration of Conformity available at **www.fs.com/company/quality_control.html**.

**Note**: For any further assistance or support regarding the product, please visit **https://www.fs.com/jp/products_support.html** or **https://www.fs.com/jp/service/fs_support.html**.
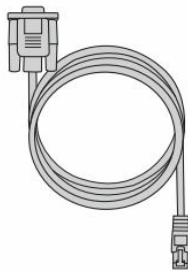
## Introduction

Thank you for choosing Pot+ Series Switches. This guide is designed to familiarize you with the layout of the switches and describes how to deploy the switches in your network.
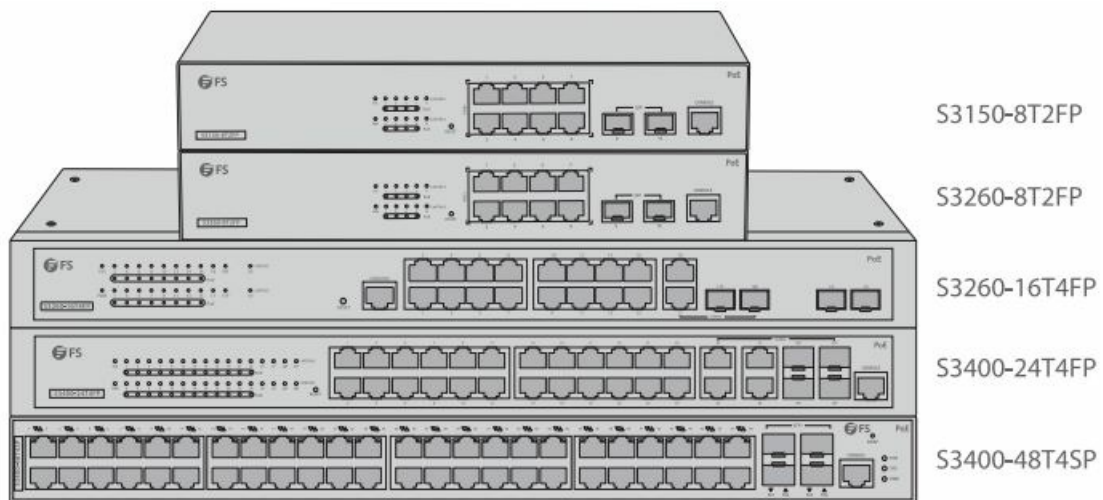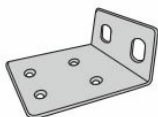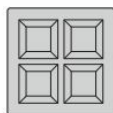
**Accessories**
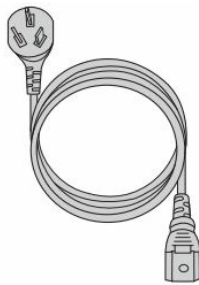

Power Cable x1


Console Cable x1
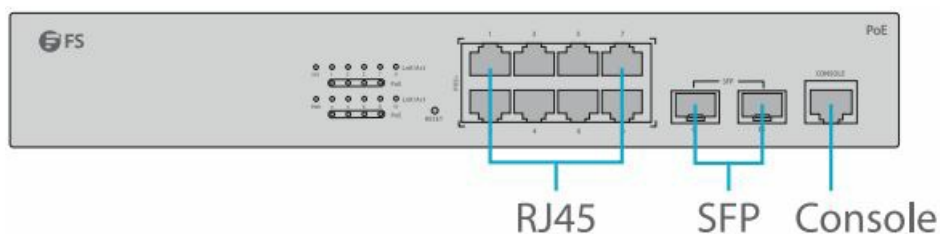

Grounding Cable x1


Rack Mount Bracket x2


Rubber Pad x4


M3 Screw x8

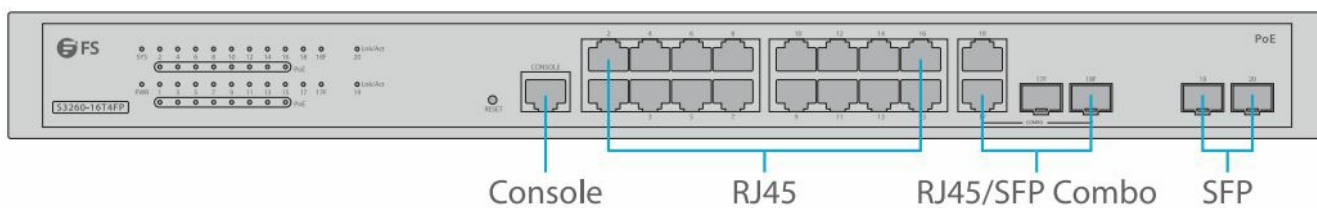**NOTE**: This power cord cannot be used with other devices and other power cords should hot be used with this device

## Hardware Overview

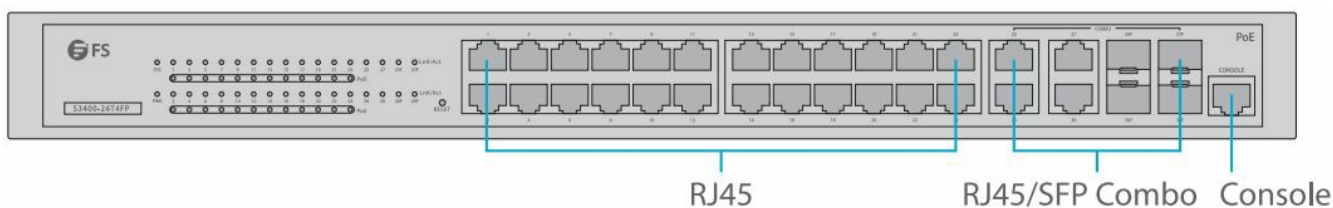### Front Panel Ports

- 63150-8T25P/S2360-8T25



- 53260-16T4FP



- S3400-24T4FP



- S3400-48T45P
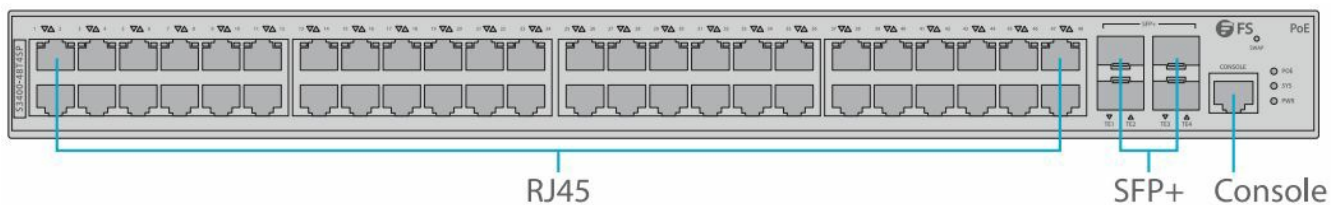
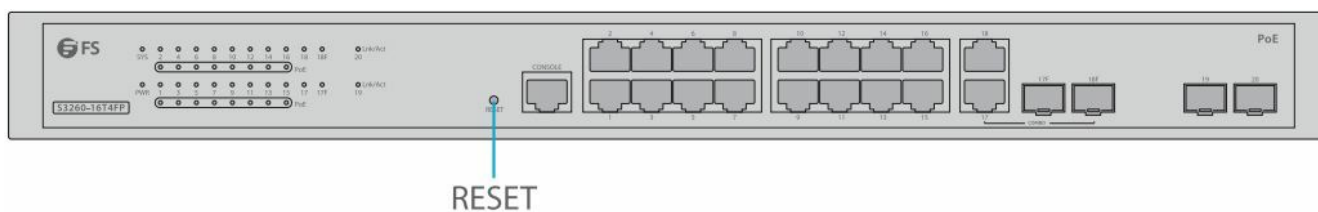| Ports | DESCRIPTION |
|---|---|
| **RJ45** | 10/100/1000BASE-T ports for Ethernet connection |
| **RJ45/SFP Combo** | One RJ45 port and one SFP slot, with one port active at a time |
| **SFP** | SFP ports for 1G transceivers |
| **SFP+** | SFP+ ports for 10G transceivers |
| **Console** | An RJ45 console port for serial management |

**Front Panel Button**
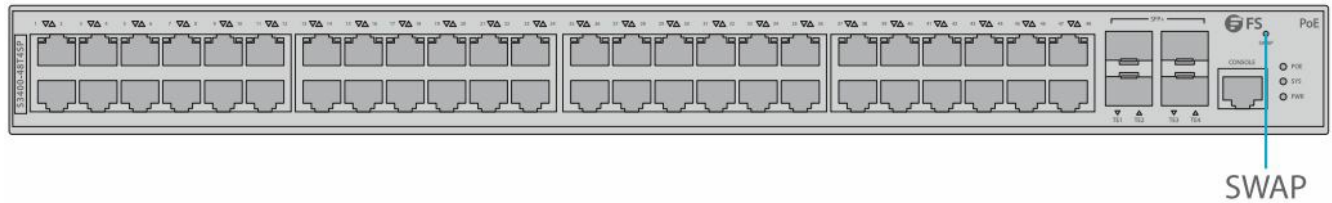
- S3150-8T2FP/S3260-8T2FP
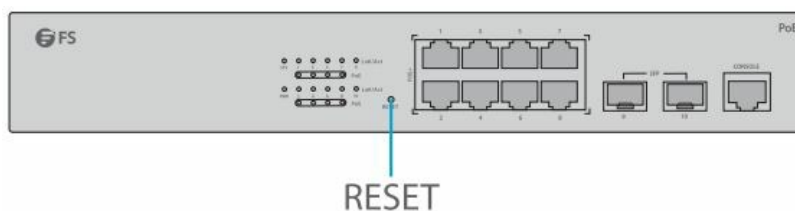


- 53260-16T4FP



- S3400-24T4FP
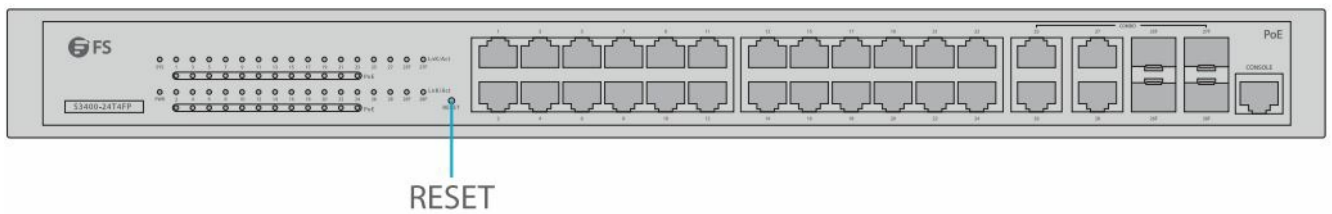
RESET

| BUTTON | DESCRIPTION |
|--------|-------------|
| Reset | Restart and restore factory default settings. |

- S3400-48T4SP



SWAP

| BUTTON | DESCRIPTION |
|--------|-------------|
| SWAP | Press the button and the indicator is on, and the indicator will automatically turn off after a while. If the indicator is on, the Ethernet port indicator indicates PoE power supply. |

**FRONT PANEL LEDS**
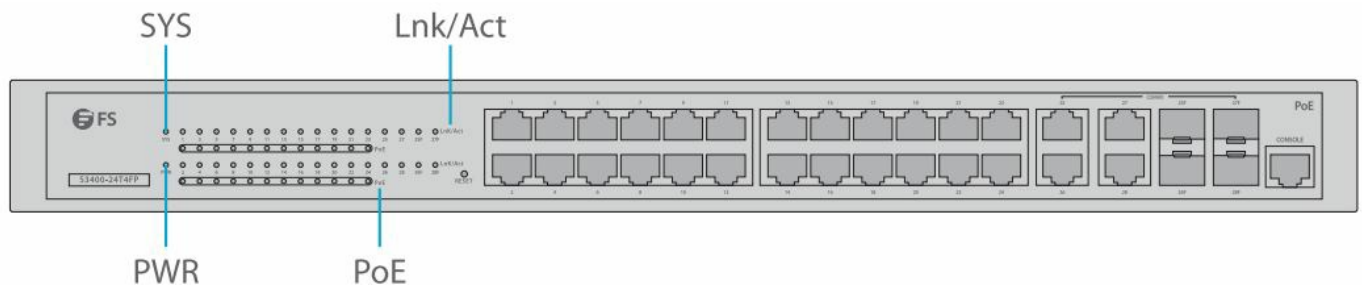


| LEDs | STATUS | DESCRIPTION |
|------|--------|-------------|
| **PWR** | ON | Switch is powered on. |
| **SYS** | Blinking Green | System is working properly. |
| | ON/OFF | System is working not properly. |
| Lnk/Act | Blinking Green | Data is being transmitted or received. |
| | ON/OFF | Connection is not connected. |
| PoE | ON | Connected PD device, working properly. |

**BACK PANEL**



Power ON/OFF

Power Supply (DC)　　　　　　　　　Grounding Point　　Power Supply (AC)
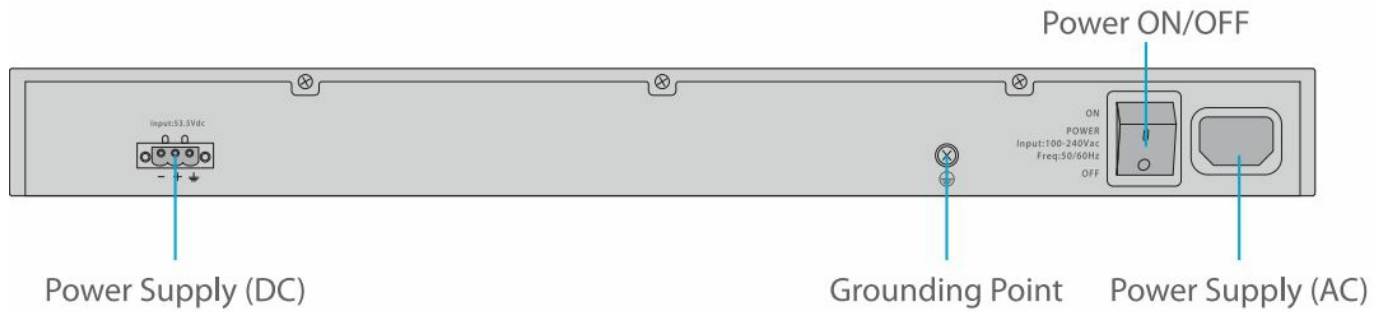
## Installation Requirements

Before you begin the installation, make sure that you have the following:

- Phillips screwdriver.
- 6 screws
- Standard-sized, 19″ wide rack with a minimum of 1U height available.
- Category 5e or higher RJ45 Ethernet cables for connecting the network devices.

### Site Environment

1. Do not opera min an area mar exceeds an ambient temperature o so″c
2. The installation site must be well-ventilated. Ensure that there is adequate air tow around the be sure char the switch is level and stable to avoid any hazardous conditions
3. Do not install he European a gus environment tree from leaking or dripping water, heavy dew, and humidity.
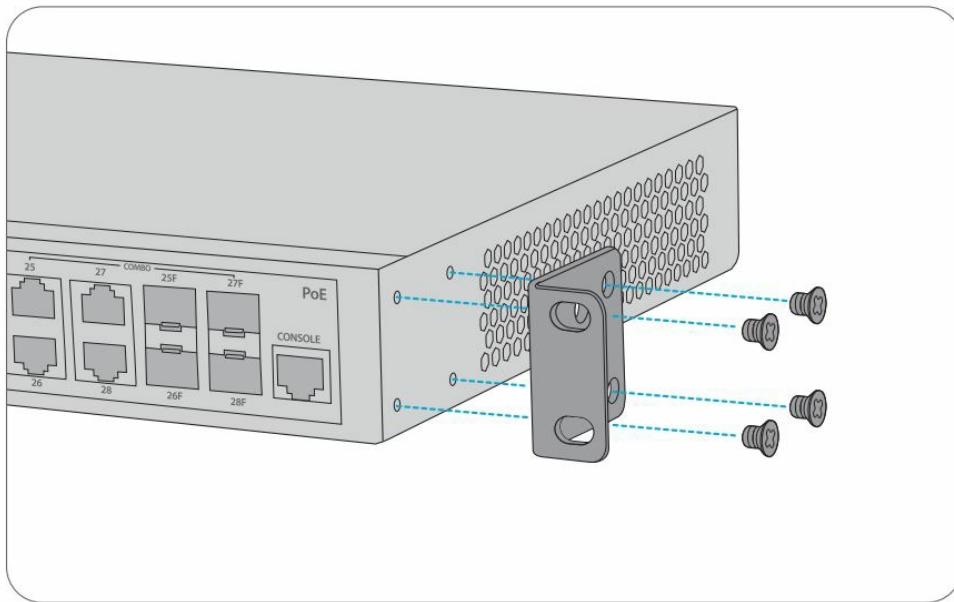4. Ensure rack and working platforms are wen earned

## Mounting the Switch
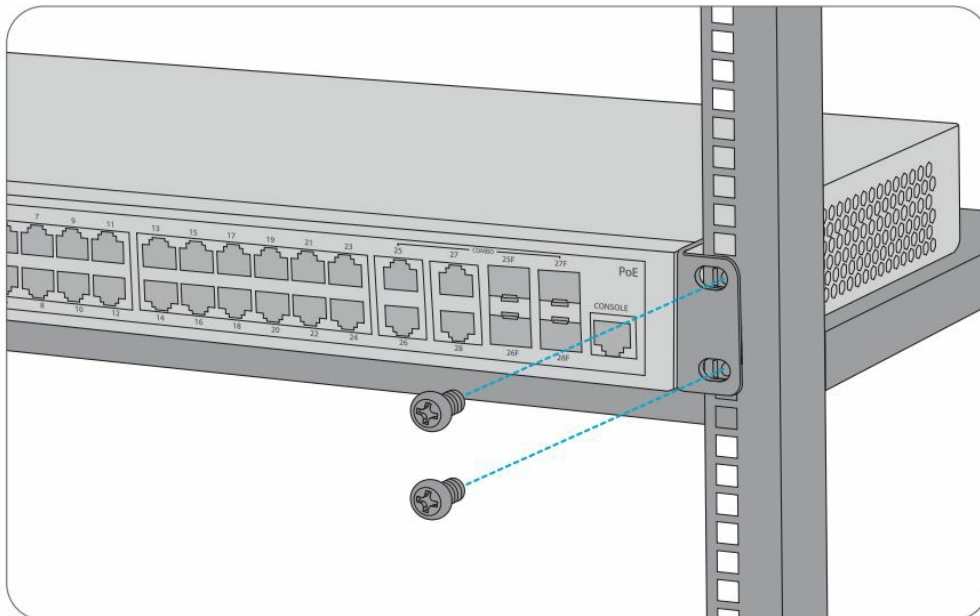
### Desk Mounting
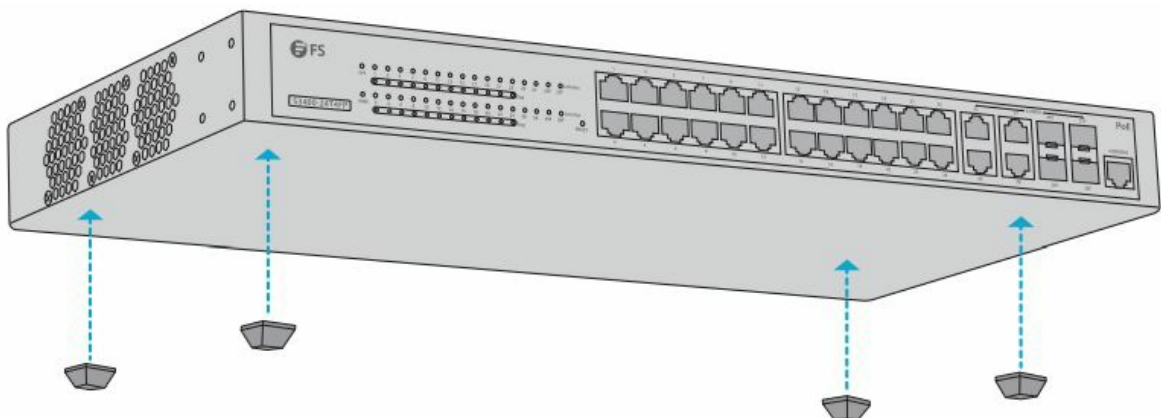


1. Attach four rubber pads to the bottom.
2. Place the chassis on a desk.
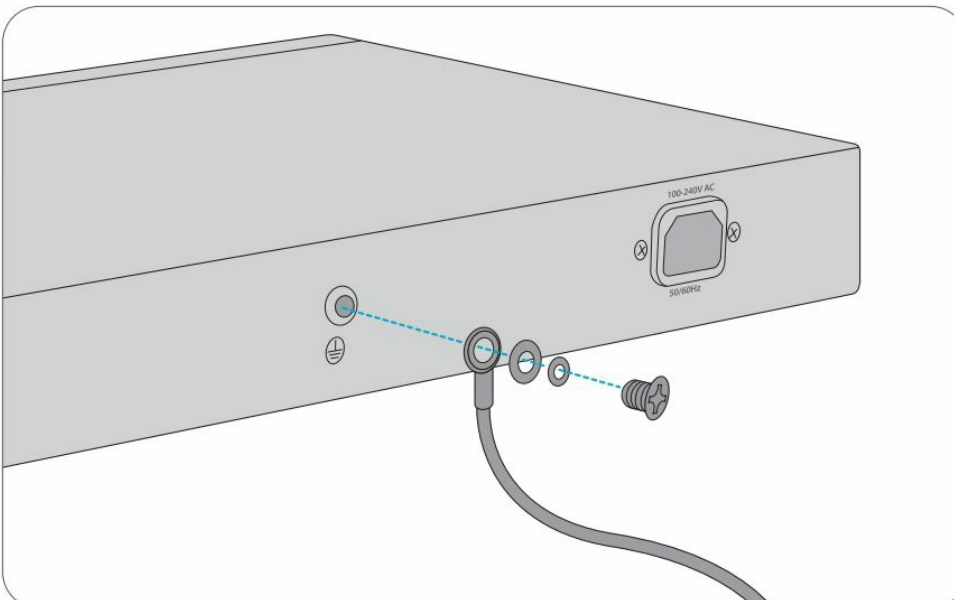
### Rack Mounting

1. Secure the mounting brackets to the two sides of the switch with eight M3 screws.



2. Attach the switch to the rack using four M6 screws and cage nuts.

**Grounding the Switch**

1. Connect one end of the grounding cable to a proper earth ground, such as the rack in which the switch is mounted.
2. Secure the grounding lug to the grounding point on the switch back panel with the washers and screws.

**CAUTION**: The earth connection must not be removed unless all supply connections have been disconnected

**Connecting the Power**
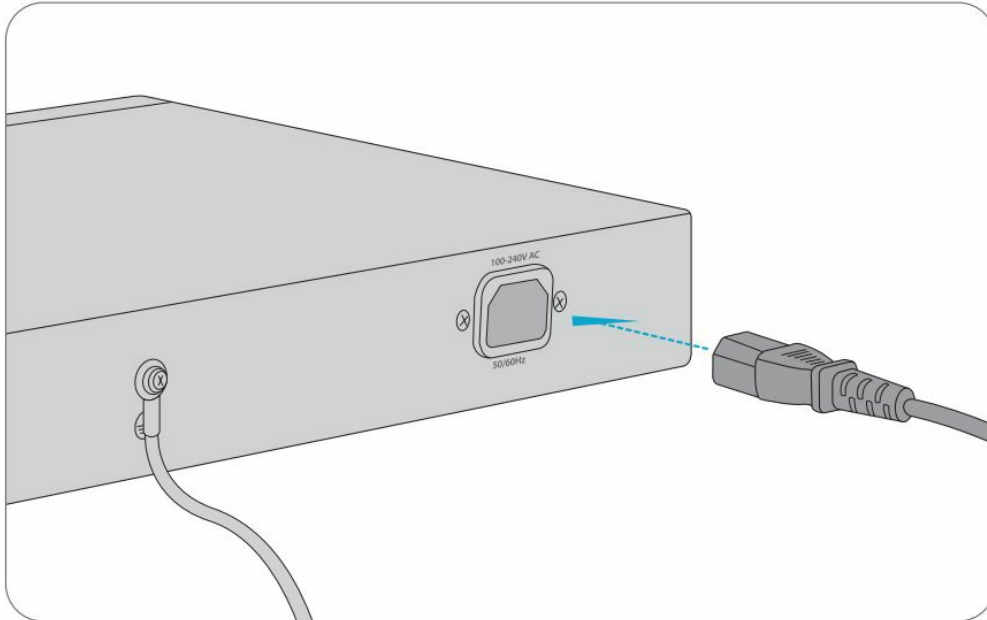


1. Plug the AC power cord into the power port on the back of the switch.
2. Connect the other end of the power cord to an AC power source.

**WARNING**: Do not install power cables while the power is on.

**Connecting the RJ45 Ports**
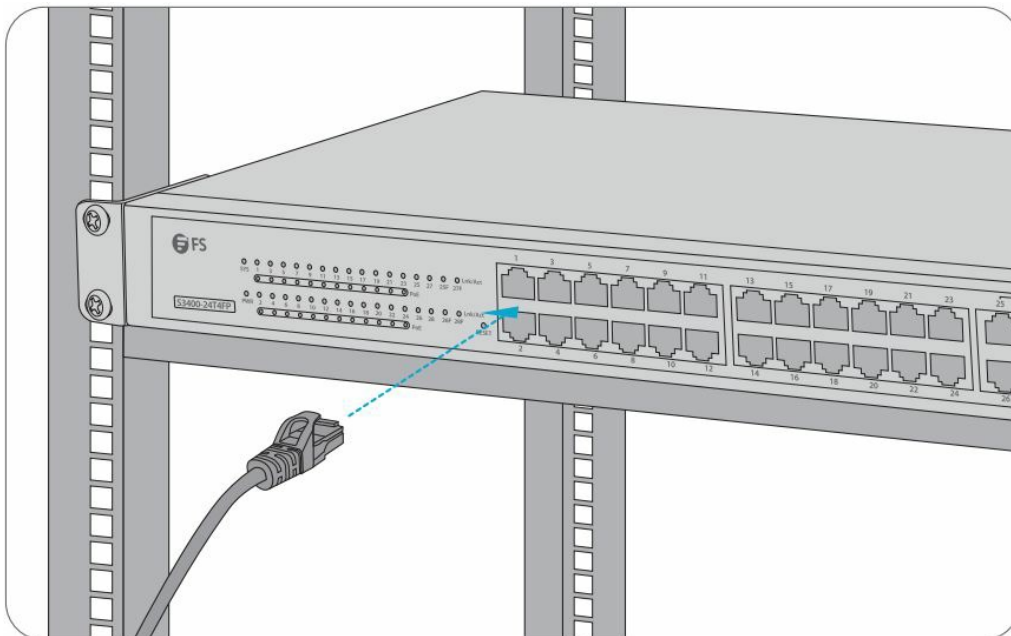


1. Connect an Ethernet cable to the RJ45 port of IP cameras, IP telephones, Access Points (AP), or other network devices.
2. Connect the other end of the Ethernet cable to the RJ45 port of the switch.

**Connecting the SFP/SFP+ Ports**



1. Plug the compatible SFP/SP+ transceiver into the SFP/SFP+ port.
2. Connect a fiber optic cable to the fiber transceivers. Then connect the other end of the cable to other fher devices

**WARNING**: Laser beams will cause eye damage. Do not look into bores of optical modules or optical fibers without eve protection.

**Connecting the Console Port**



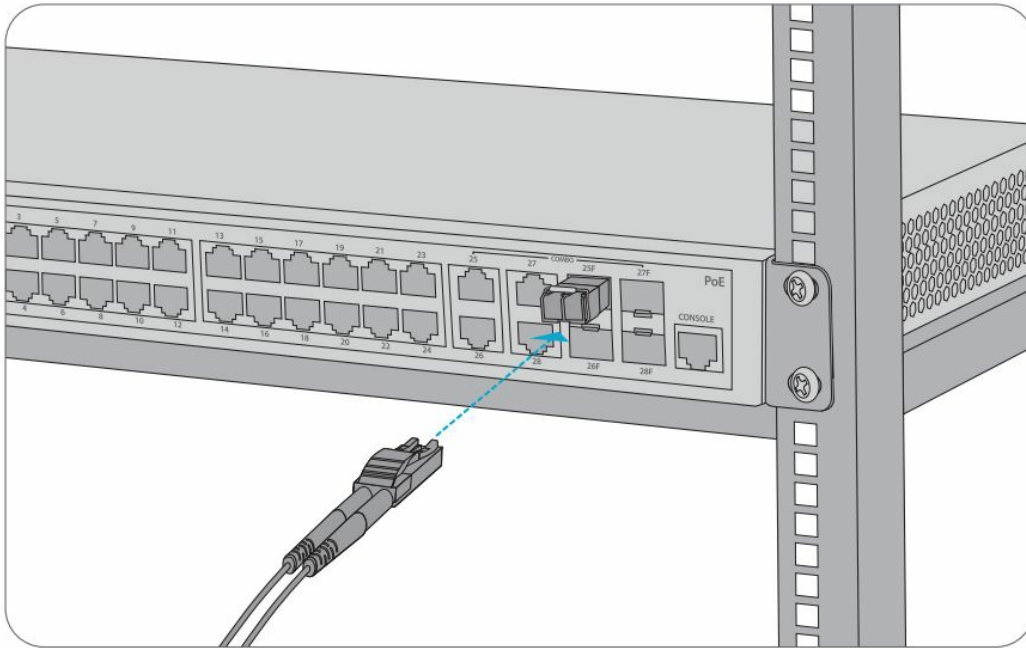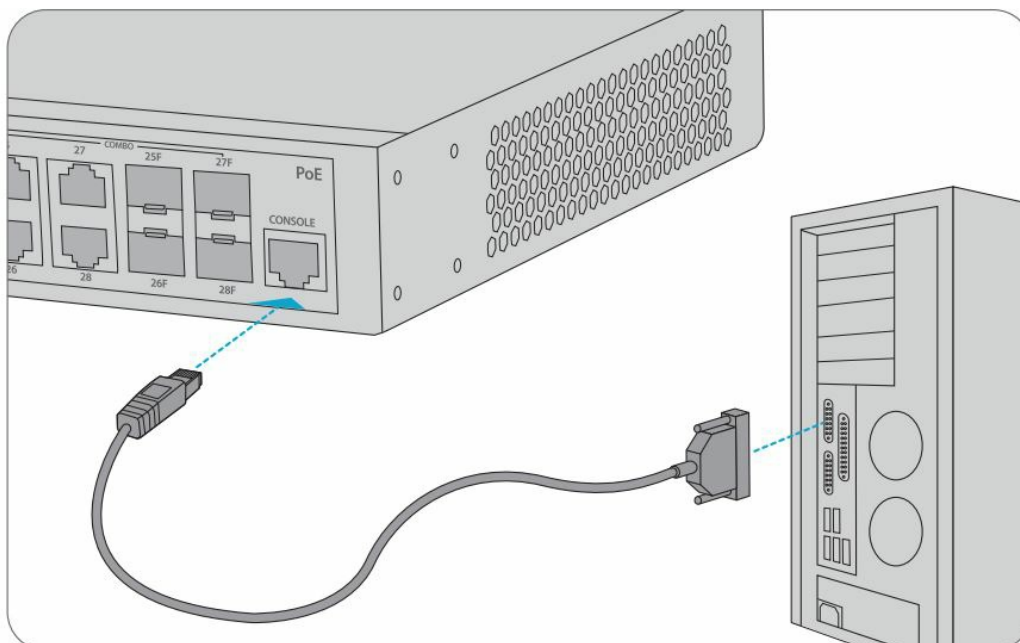1. Insert the RJ45 connector of the console cable into the RJ45 console port on the front of the switch.
2. Connect the other end of the console cable to the RS-232 serial port on the computer.

**Configuring the Switch**
Configuring the Switch Using the Web-based Interface

1. Step 1: Connect the computer to any Ethernet port of the switch using the network cable.
2. Step 2: Set the IP address of the computer to 192.168.1.. ("x" is any number from 2 to 254.). Set the sure mask ofte comruter 255 0
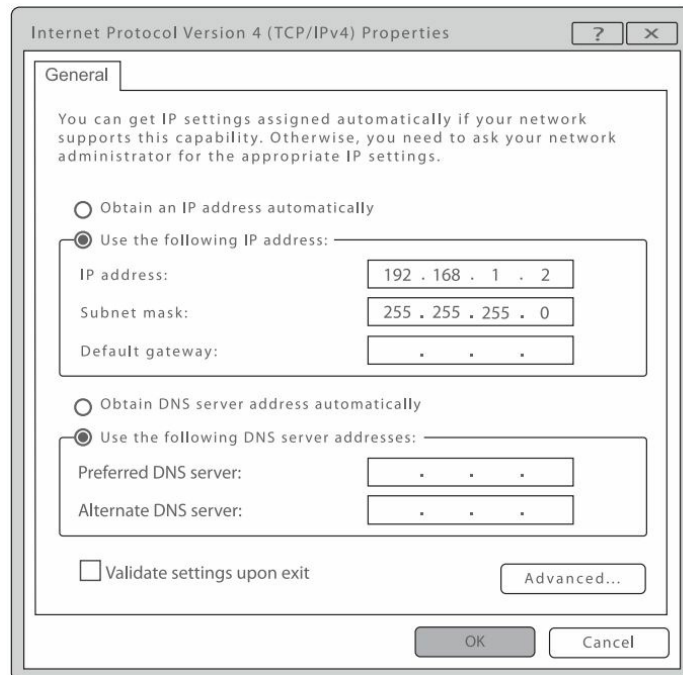


3. Step 3: Open a browser, type http://192.168.1.1, and enter the default username and password, admin/admin.
4. Step 4: Click sign in to display the web-based configuration page.

**Configuring the Switch Using the Console Port**

1. Step 1: Connect a computer to the switch's console port using the supplied console cable.
2. Step 2: Start the terminal simulation software such as HyperTerminal on the computer.
3. Step 3: Set the parameters of the HyperTerminal: 115200 bits per second, 8 data bits, no parity, 1 stop hit and no few control
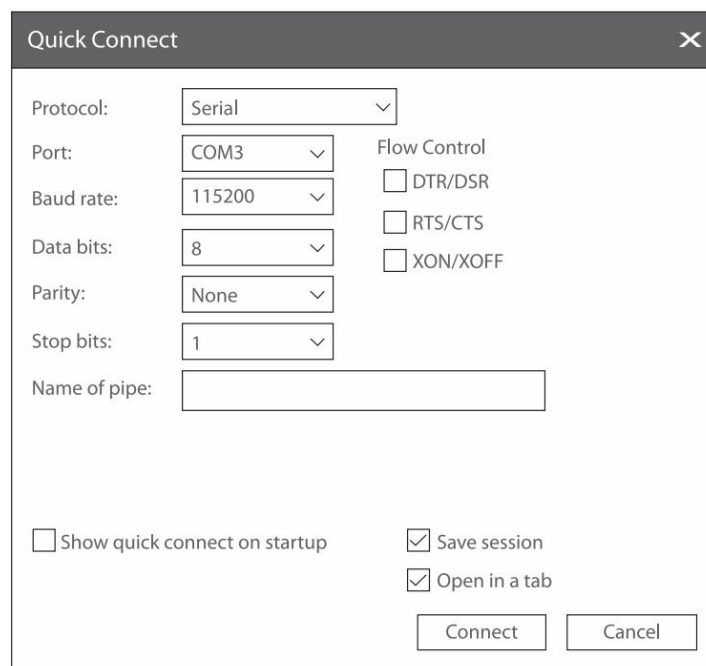


4. Step 4: Enter the default username and password, admin/admin.

**Troubleshooting**

**Loading Failure Troubleshooting**

After loading fails, the system will keep running in the original version. At this time, users should re-check if physical port connections are good firstly. If some ports are not connected, then reconnect them to ensure that physical connections are correct, and begin re-loading. If physical connections are correct, then check the loading process information displayed on the super terminal to verify if there are input errors. If there are input errors, correct them and re-load.

**User Password Lost Troubleshooting**

If the system password is lost or forgotten, the following method can be used to reset the password:

1. Connect the console port of the switch to the computer through the console cable.

2. Press ctrl + p to enter the Monitor# interface.

3. Delete the configuration file to achieve reset. monitor#delete startup-config this file will be erased, are you

   sure?(y/n)y, monitor#reboot Do you want to reboot the Switch(y/n)?y

**NOTE**: Forgetting your username and password and restoring them through console port may cause configuration loss and business interruption. Please remember your username and password.

**Configuration System Troubleshooting**

1. Make sure the power supply is normal and the console cable is properly connected.

2. Check if the console cable is the right type.

3. Check if the control cable driver is properly installed on the computer.

4. Ensure the parameters of the HyperTerminal are correct.

**Support and Other Resources**

- **Download**: **https://www.fs.com/products_support.html**
- **Help Center**: **https://www.fs.com/service/fs_support.html**
- **Contact Us**: **https://www.fs.com/contact_us.html**

**Product Warranty**

FS ensures our customers that any damage or faulty items due to our workmanship, we will offer a free return within 30 days from the day you receive your goods. This excludes any custom made items or tailored solutions.

**Warranty**: Pot+ Series Switches enjoy 4 years limited warranty against defect in materials or workmanship. For more details about warranty, please check at https://www.fs.com/policies/warranty.html

**Return**: If you want to return items), information on how to return can be found at https://www.fs.com/policies/day_return_policy.html

**Compliance Information**

S3150-8T2P/S3260-8T2FP/S3260-16T4FP/S3400-24T4FP/S3400-48T4SP

## FCC

**Note**: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

## CE

The device is in compliance with the following directives:

- Directive 2014/30/EU
- Directive 2014/35/EU
- Directive 2011/65/EU
- (EU)2015/863

A copy of the EU Declaration of Conformity is available at

**www.fs.com/company/quality_control.html**

## UKCA

Hereby, FS.COM Innovation Ltd declares that this device is in compliance with Directive SI 2016 No. 1091, SI 2016 No. 1101and SI 2012 NO. 3032.

## FS. COMINNOVATION LTD

Unit 8, Urban Express Park, Union Way, Aston, Birmingham, B6 7FH, United Kingdom O.C. PASSED Convriaht © 2023 ES.COM All Rights Reserved.

## Documents / Resources

**FS 8, 16, 24, 48 Port Gigabit L2 plus POE plus Managed Switch** [pdf] User Guide
V6.0, 8 16 24 48 Port Gigabit L2 plus POE plus Managed Switch, 8 Port Gigabit L2 plus POE plus Managed Switch, 16 Port Gigabit L2 plus POE plus Managed Switch, 24 Port Gigabit L2 plus POE plus Managed Switch, 48 Port Gigabit L2 plus POE plus Managed Switch, Gigabit L2 plus POE plus Managed Switch, Gigabit L2 plus Managed Switch, L2 plus Managed Switch, POE plus Managed Switch, Gigabit Managed Switch, Switch, Gigabit Switch, Managed Switch

## References

**Manuals+**,