Manuals+ — User Manuals Simplified.

FS COM S5500-48T6SP-R 48-Port Gigabit Ethernet L3 PoE+ Switch User Guide
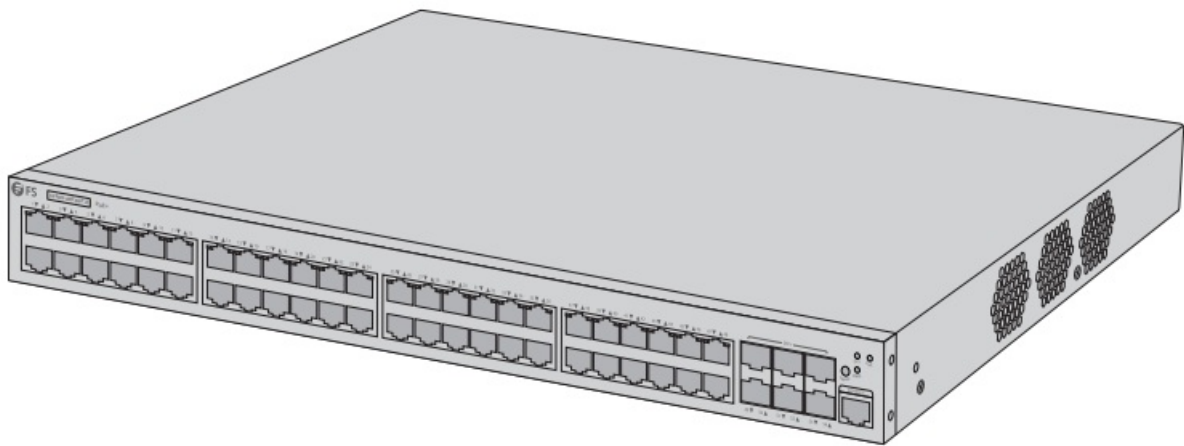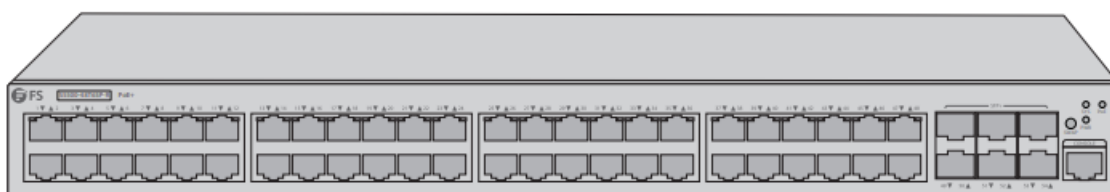
S5500-48T6SP-R
48-PORT GIGABIT STACKABLE L3
POE+ MANAGED SWITCH
STAPELBARER 48-PORT GIGABIT L3 POE+ MANAGED SWITCH
SWITCH MANAGEABLE L3 POE+ EMPILABLE GIGABIT 48 PORTS
Quick Start Guide V1.0

Contents

Introduction

Thank you for choosing FS S5500-48T6SP-R PoE+ Switch. This guide is designed to familiarize you with the layout of the switch and describes how to deploy the switch in your network.
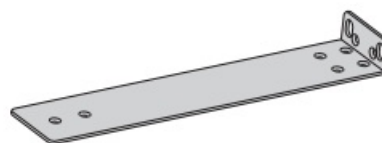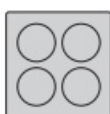

S5500-48T6SP-R

Accessories

Power Cord x2

Monitoring Cable x1

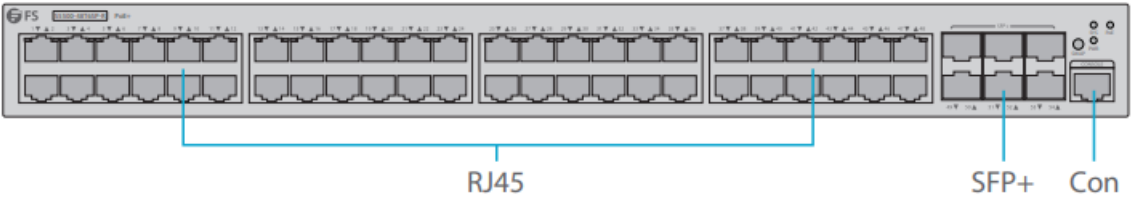
Mounting Bracket x2

Rubber Pad x4

M3 Screws x6

Grounding Cable x1

Hardware Overview

Front Panel Ports

Ports	Description
RJ45	10/100/1000BASE-T ports for Ethernet connection
SFP+	Hot swap SFP+ ports for 1/10G connection
CON	A baud rate of 9600bps

Front Panel Button
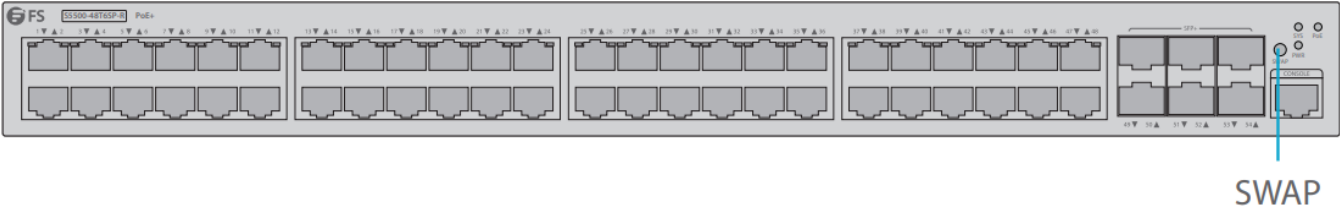
Buttons	Description
SWAP	Swap function, used to switch POE indication.

Front Panel LEDs
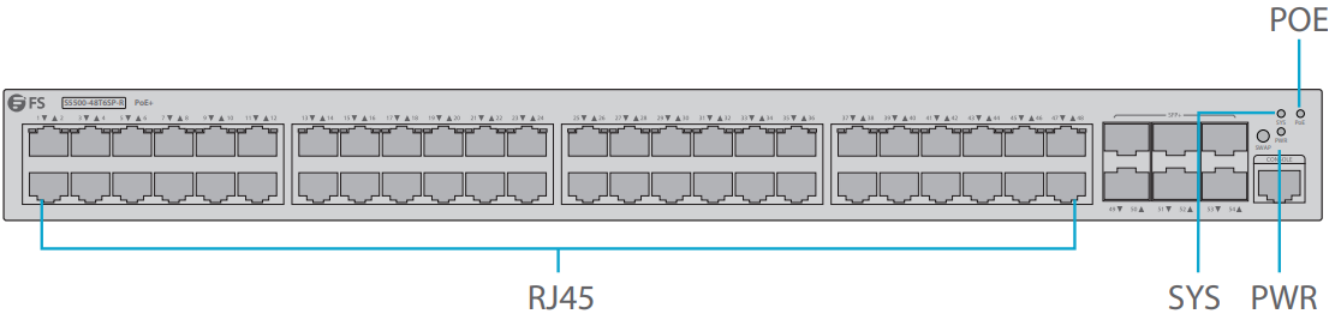
LEDs	Status	Description
PWR	On	The switch is powered on.
SYS	On	The system is being started up.
	Blink	The system works normally.
POE	On	The port is linked.
	Off	The port is not linked.

Back Panel
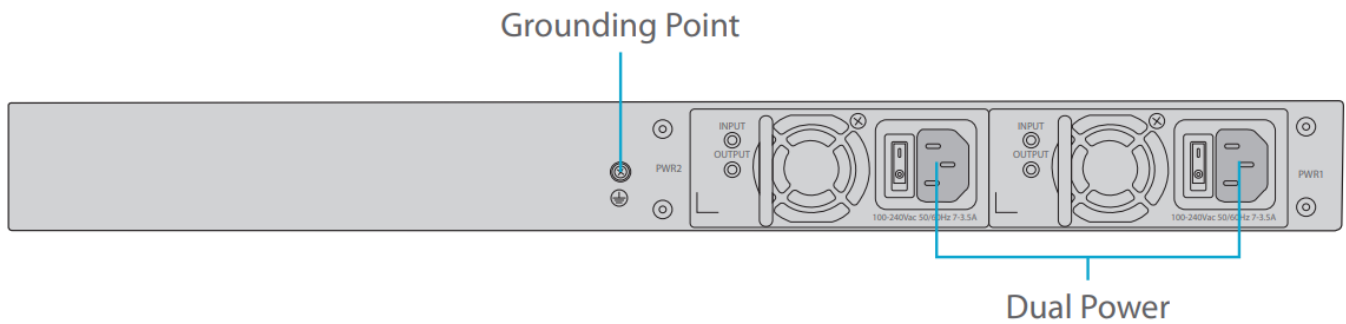
Site Environment

Make sure that the site environment is well-ventilated, the heat of electrical devices is well-discharged and sufficient air circulation is provided for device cooling.
Avoid to damage devices by following the electrostatic discharge prevention procedure.
Ensure that there is adequate air flow around the switch. Make sure the machine box is sealed because the opened machine box will reverse the cool air flow.

Mounting the Switch

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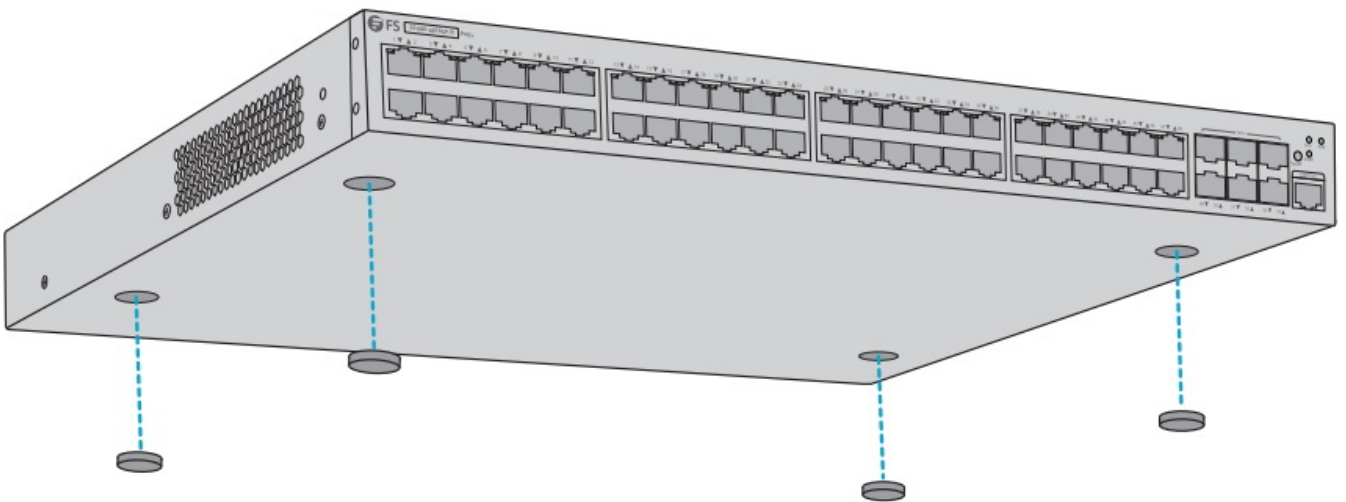
1. Attach four rubber pads to the bottom.
2. Place the chassis on a desk.

Rack Mounting

1. Fix the mounting brackets to the two sides of the switch with six M3 screws.
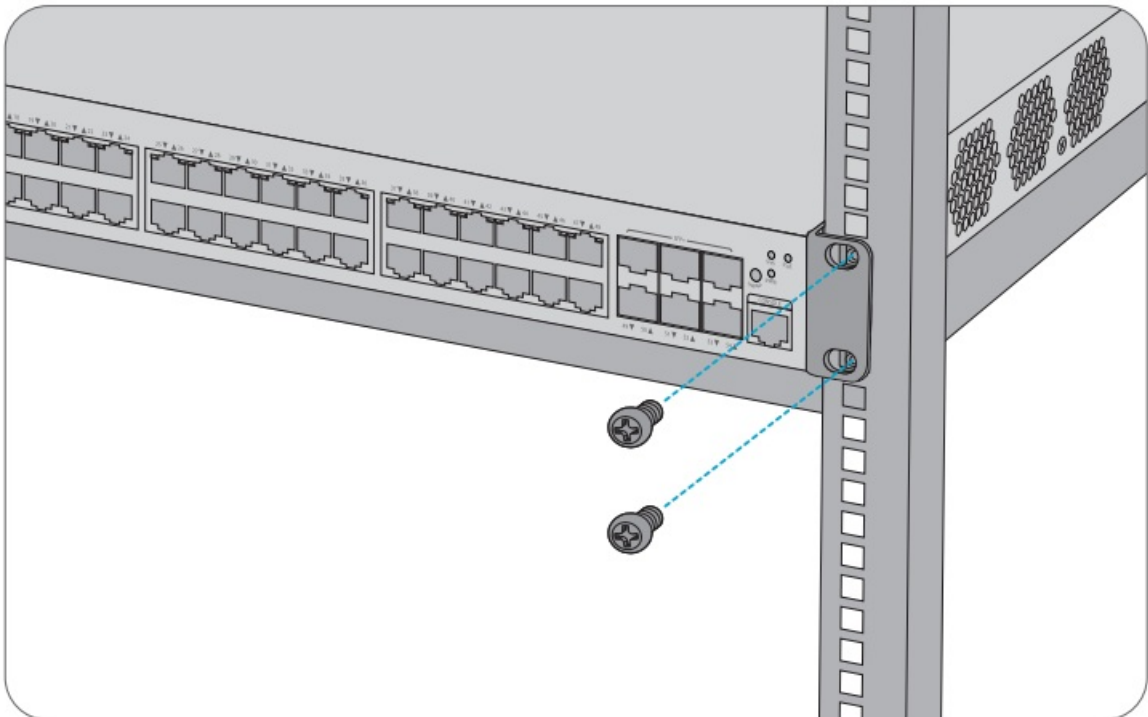
2. Attach the switch to the rack with four M6 screws and cage nuts.

Grounding the Switch

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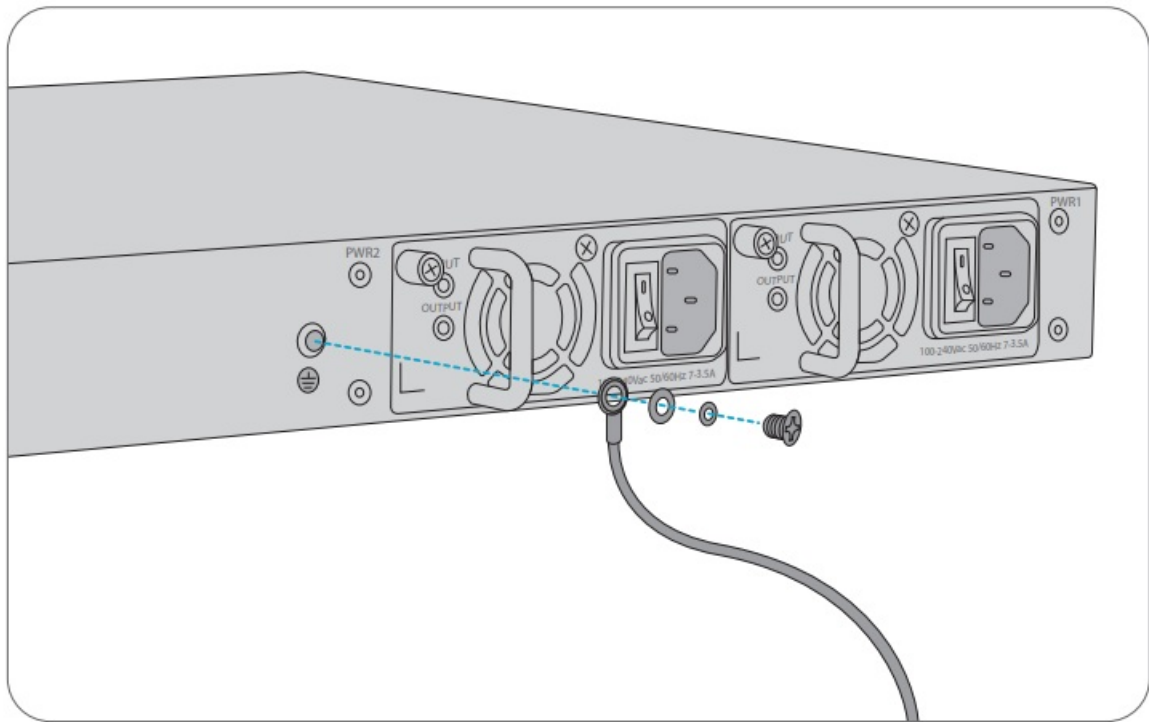
Connect one end of the grounding cable to a proper earth ground, such as the rack in which the switch is mounted.
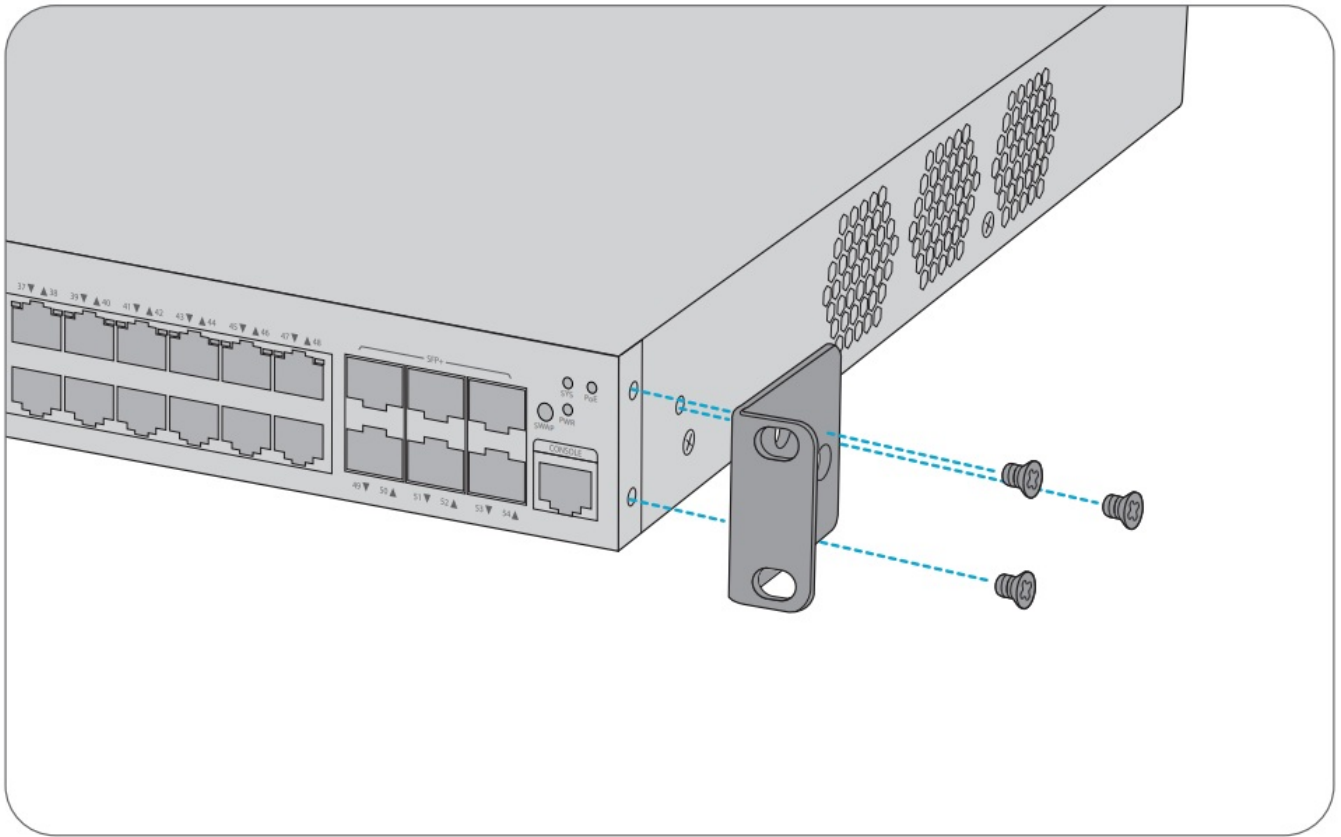
2. Fix the grounding lug to the grounding point on the back panel of the switch with washers and screws.

⚠️ **CAUTION:** The earth connection cannot be removed unless all supply onnections have been disconnected.

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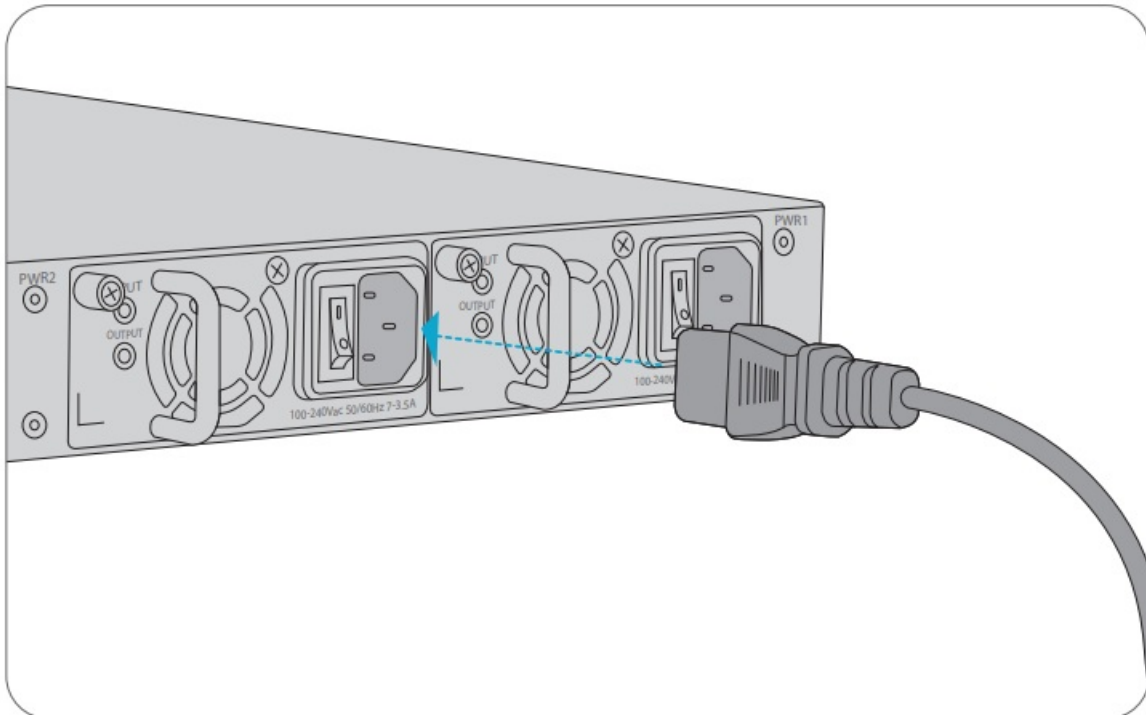
1. Plug the AC power cord into the power port on the back panel of the switch.
2. Connect the other end of the power cord to an AC power source.

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

Connecting the Console Port
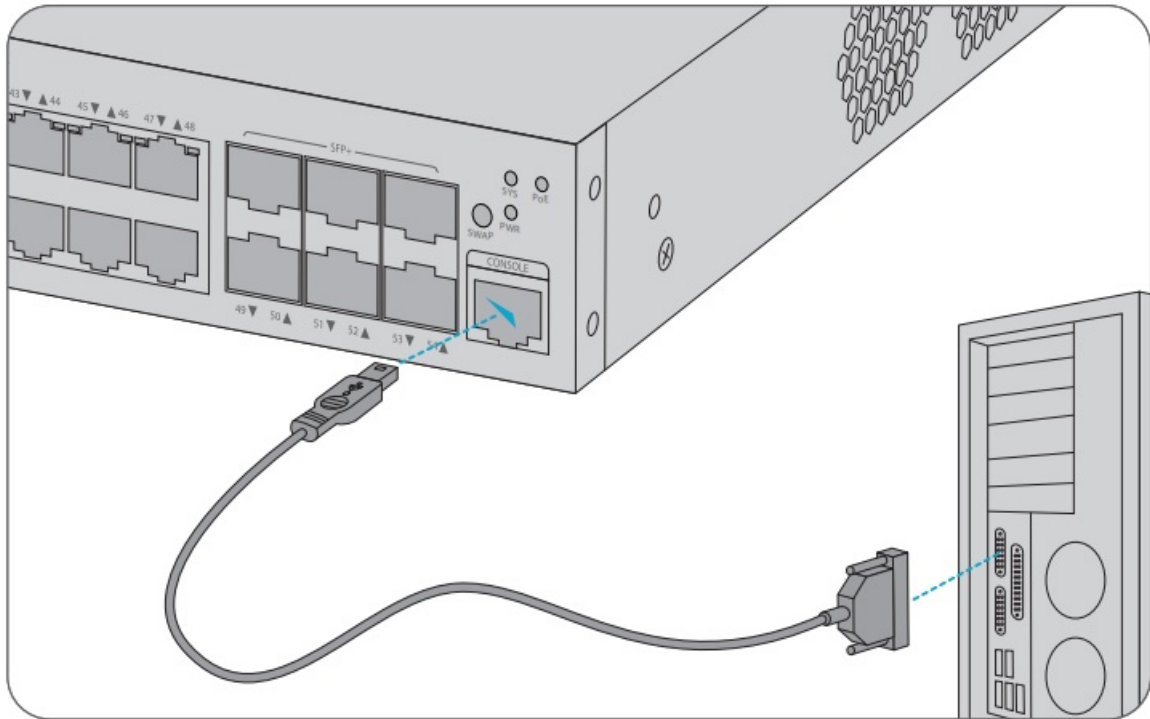
1. Connect the console port and the terminal or PC's serial port through specific console cable.
2. Run terminal emulation software, such as super Windows terminal.

Connecting the RJ45 Port

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 SFP+ Ports

1.
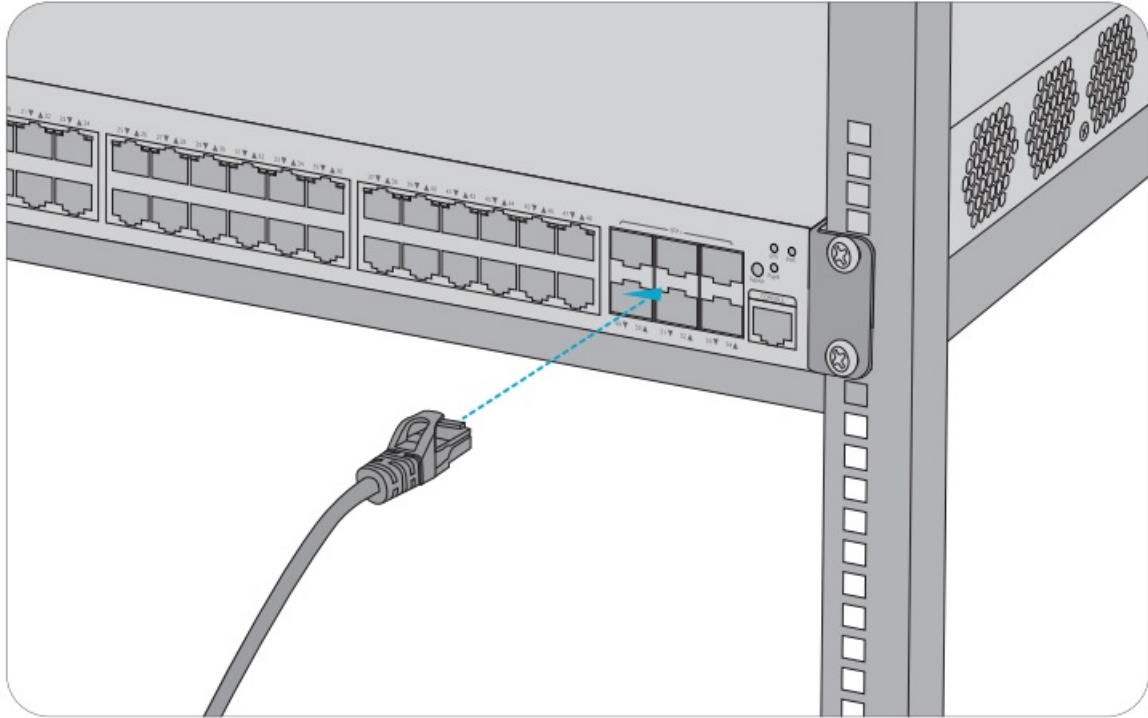
Plug the compatible SFP+ transceiver into the SFP+ port.
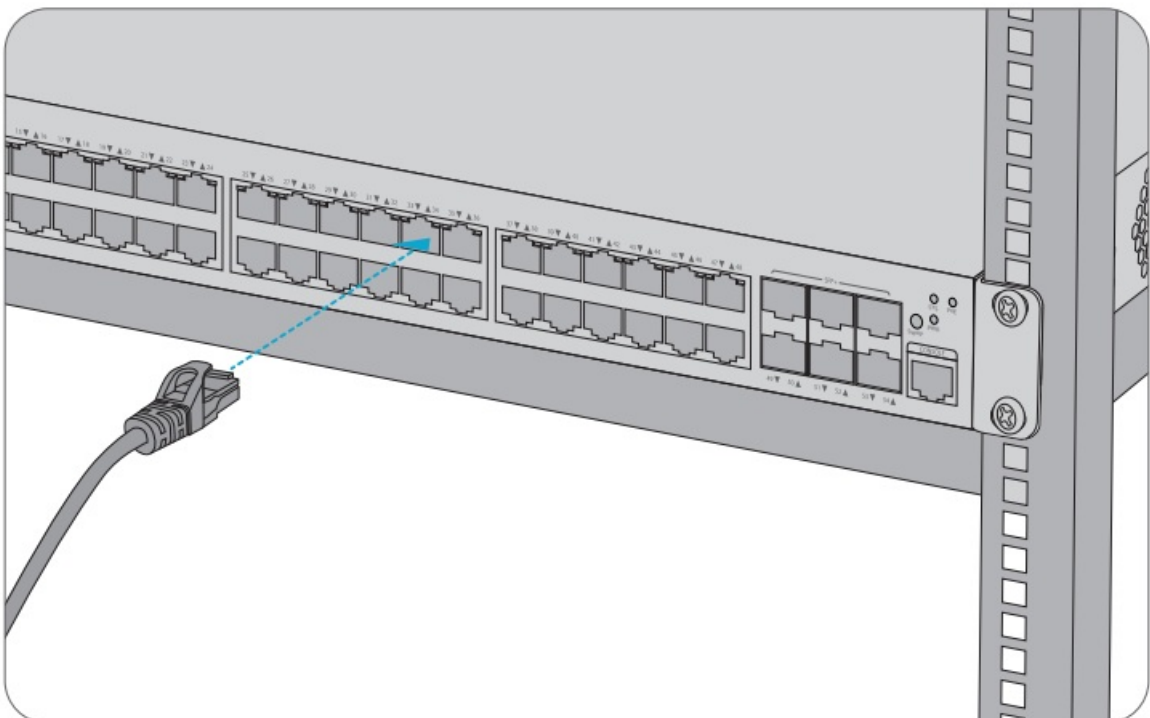2. Connect a fiber cable to the fiber transceivers. Then connect the other end of the cable to network routers or other fiber devices.

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

Stacking the S5500-48T6SP-R PoE+ Switch

The S5500-48T6SP-R PoE+ switch support stacking up to 8 units between the same model together. It can be physically stacked using optical fiber cables connected to SFP+ tranceivers, or 10G Direct Attach Cables(DAC). Any 2 SFP+ ports on rear panel of the switch can be used for physical stacking.
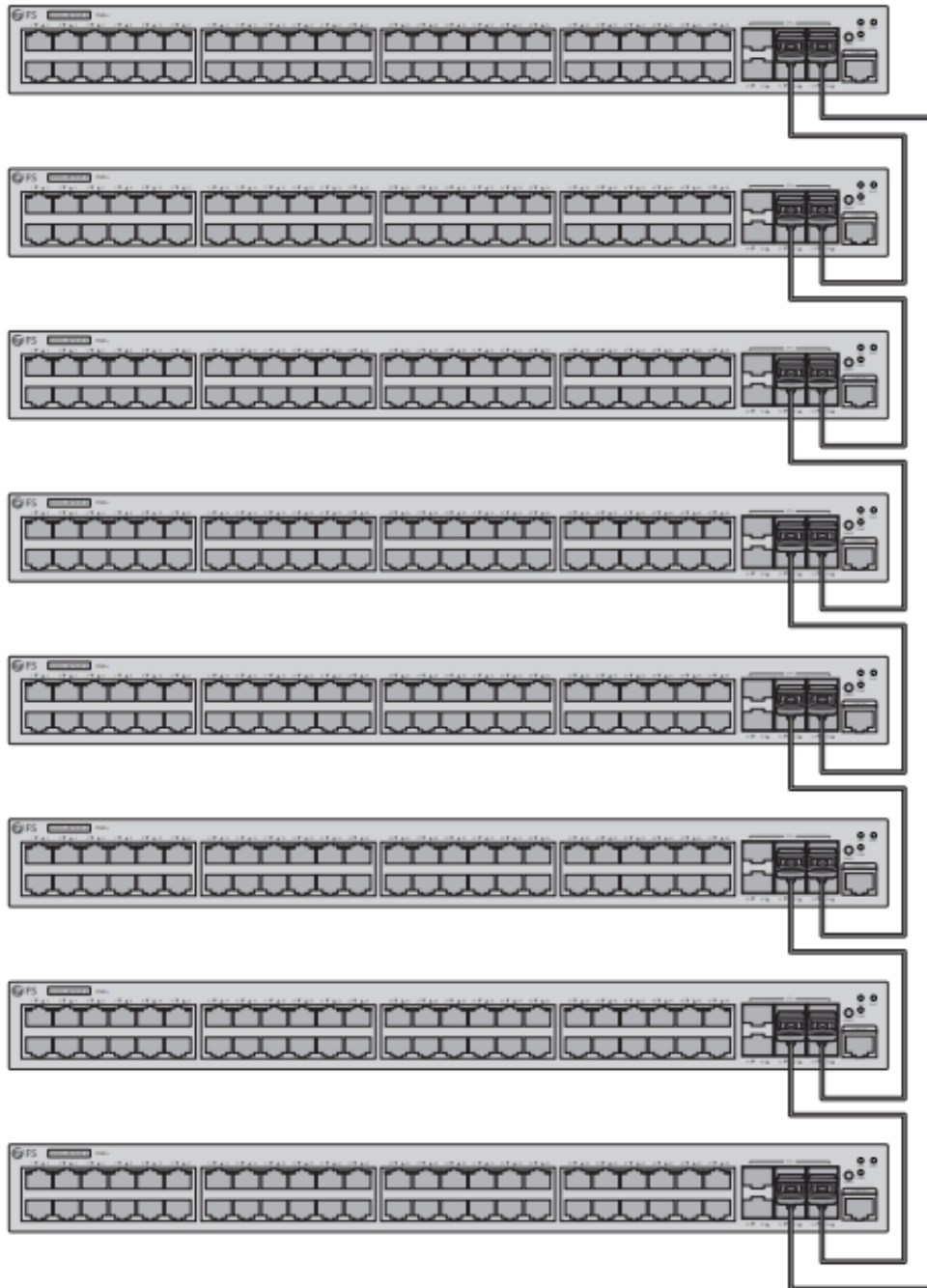
Configuring the Switch
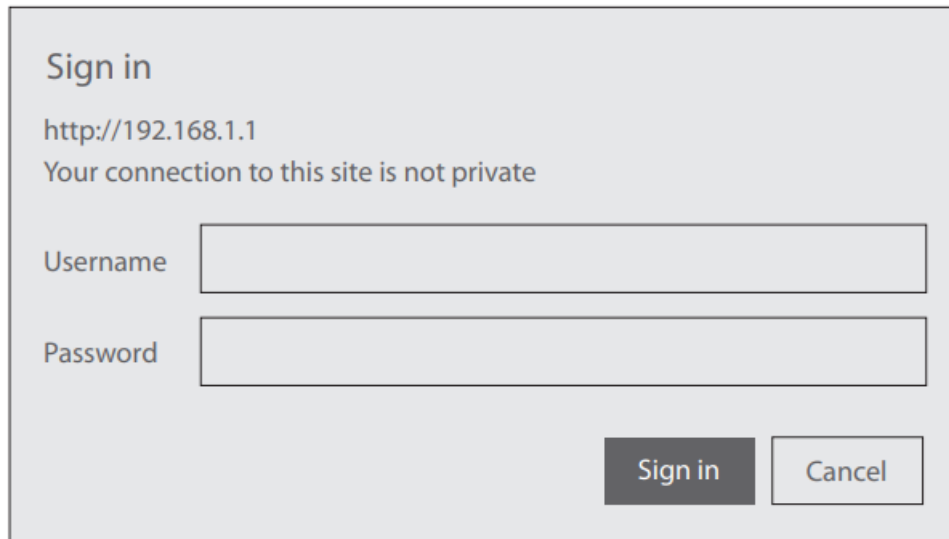
Configuring the Switch Using the Web-based Interface

Step 1: Connect your computer to any Ethernet port of the switch with the network cable.

Step 2: Set up the IP confguration on your computer. The IP address of your computer should be set in the same subnet addresses of the switch. The IP address is 192.168.1.x ("x" is any number from 2 to 254).

Step 3: Open a browser. Enter the default IP address of the switch **http://192.168.1.1**.

Step 4: When the login page appears, choose the language you need and enter the username and password(admin/admin).

You are now ready to configure the switch. Refer to the S5500-48T6SP-R PoE+ switch Configuration Guide online for further information.

Configuring the Switch Using the Console Port

Step 1: Connect a computer to the switch's console port with the supplied console cable.

Step 2: Start the terminal simulation software such as HyperTerminal on the computer.

Step 3: Configure the terminal simulation with the following parameters:

- 9600 bits per second
- 8 data bits
- 1 stop bit
- no sum check bit
- no traffic control

Step 4: Enter the username and password(admin/admin).

⚠️ **CAUTION:** Be sure to save settings before exiting the software.

Troubleshooting

Power LED Working Abnormally

1. Check the power cable connections at the switch and the power outlet and whether the power on-off is at "ON" location.
2. Make sure that all cables are used correctly and comply with the Ethernet specifications.

HyperTerminal Displaying Abnormally

1. Make sure the power supply is normal and the console cable is properly connected.
2. Check whether the console cable is the right type.
3. Check whether the control cable driver is properly installed on the computer.
4. Ensure the parameters of the HyperTerminal are correct.

Accessing the Web-based Configuration Page Unsuccessfully

1. Check every port and LED on the switch and make sure the Ethernet cable is connected properly.
2. Try another port on the switch and make sure the Ethernet cable is suitable and works normally.
3. Power off the switch for a while, then power it on again.
4. Make sure the IP address of your PC is set within the subnet of the switch.
5. If you still cannot access the configuration page, please restore the switch to its factory defaults.

   Then the IP address of your PC should be set as 192.168.1.x ("x" is any number from 2 to 254) and Subnet Mask as 255.255.255.0.

Online 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 if there are any damage or faulty items due to our workmanship, we will offer a free return within 3 months from the day you receive your goods. This excludes any custom made items or tailored solutions.

Warranty: This product enjoys 2 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 item(s), information on how to return can be found at
https://www.fs.com/policies/day_return_policy.html

Compliance Information

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.

CAUTION:
Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
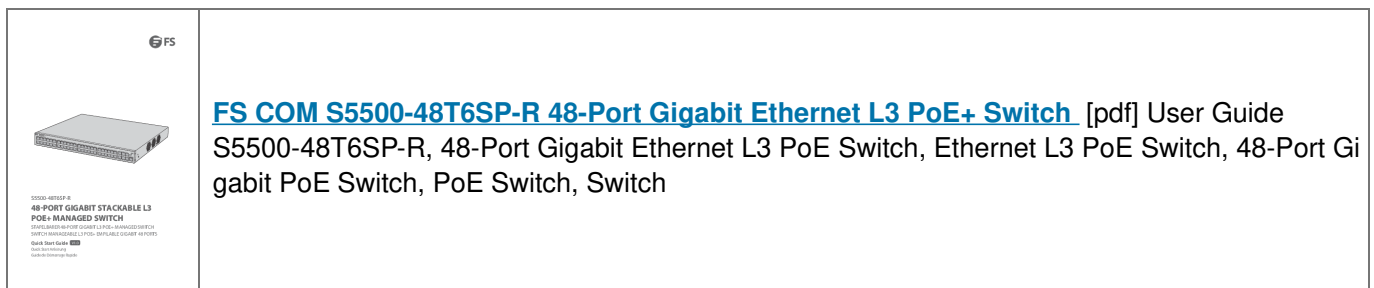
Responsible party (only for FCC matter)
FS.COM Inc.
380 Centerpoint Blvd, New Castle, DE 19720, United States
https://www.fs.com
CE
FS.COM GmbH hereby declares that this device is in compliance with the Directive 2014/30/EU and 2014/35/EU.
A copy of the EU Declaration of Conformity is available at **www.fs.com/company/quality_control.html**

Documents / Resources

⑤ FS S5500-48T6SP-R **48-PORT GIGABIT STACKABLE L3** **POE+ MANAGED SWITCH** STAPELBARER 48-PORT GIGABIT L3 POE+ MANAGED SWITCH SWITCH MANAGEABLE L3 POE+ EMPILABLE GIGABIT 48 PORTS Quick Start Guide Quick Start Anleitung Guide de Démarrage Rapide	**FS COM S5500-48T6SP-R 48-Port Gigabit Ethernet L3 PoE+ Switch** [pdf] User Guide S5500-48T6SP-R, 48-Port Gigabit Ethernet L3 PoE Switch, Ethernet L3 PoE Switch, 48-Port Gigabit PoE Switch, PoE Switch, Switch

References

- ⑤ **FS.com - Data Center, Enterprise, Telecom**
- ⑤ **Quality Certification - FS.com**
- ⑤ **Ein weltweit führender Anbieter von Hochgeschwindigkeits-Konnektivitätsgeräten und -lösungen. - FS.com Deutschland**
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