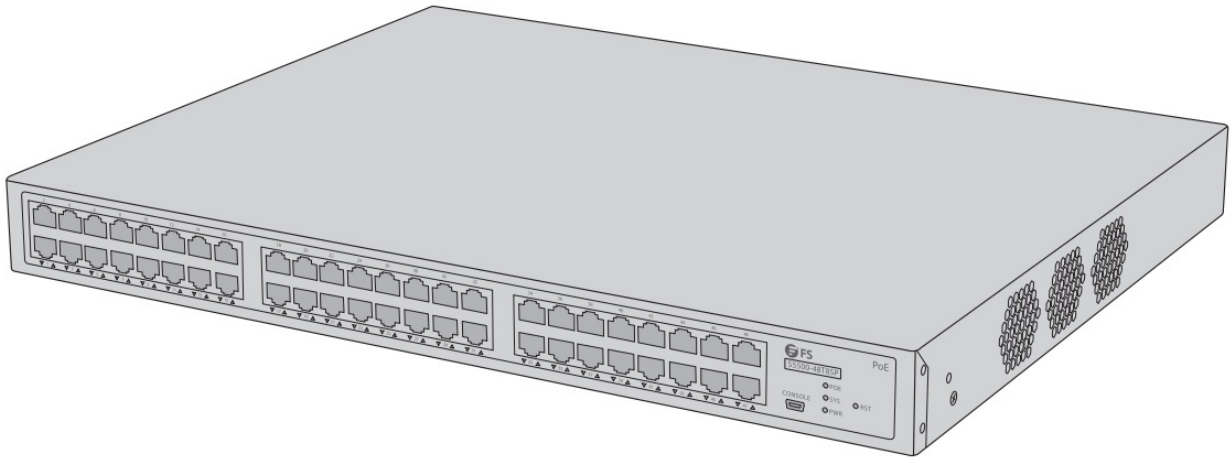
FS S5500-48T8SP 48-Port Gigabit Stackable L3 Poe+ Managed Switch User Guide

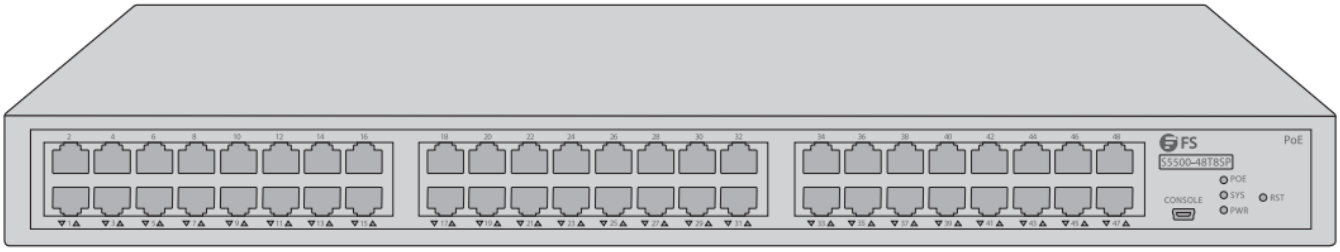


48-PORT GIGABIT STACKABLE L3 POE+ MANAGED SWITCH
Quick Start Guide VI .0

Contents

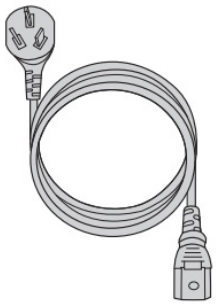
Introduction

Thank you for choosing FS S5500.48TI3SP PoE+ switch. This guide Is designed to familiarise you with the layout of the switch and describes how to deploy the switch in your network.

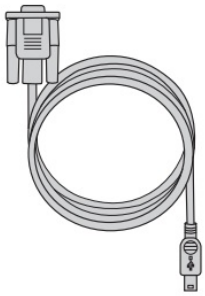


S5500-48T8SP

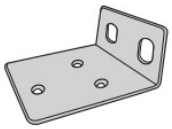
Accessories



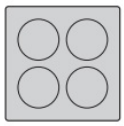
Power Cord x2



Console Cable x1



Rack Mount Bracket x2

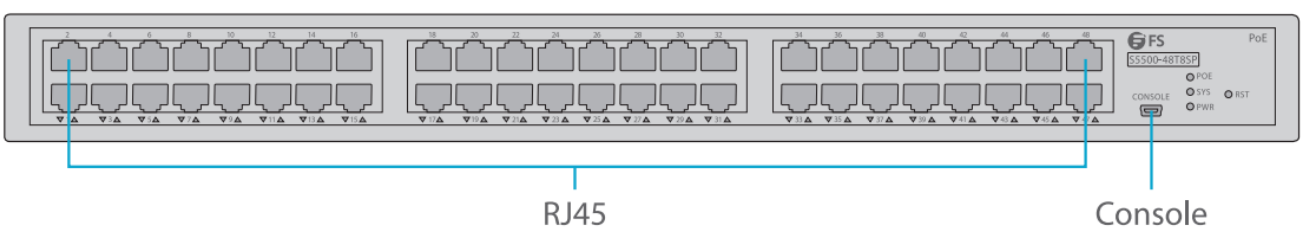


Rubber Pad x4

M3 Screw x6

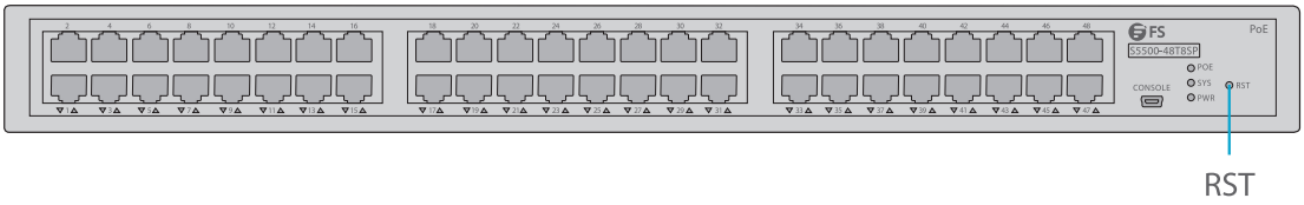
Hardware Overview

Front Panel Ports



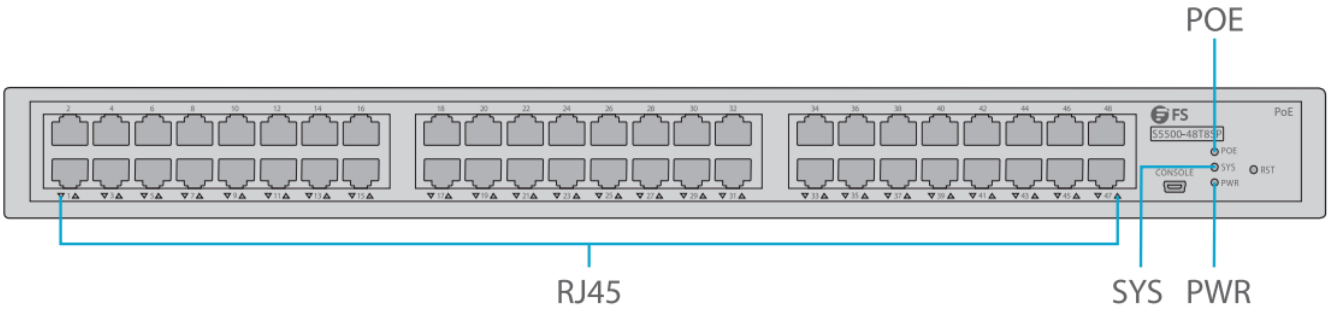
Ports	Description
RJ45	10/100/1000BASE-T ports for Ethernet connection
Console	A mini USB console for serial management

Front Panel Button



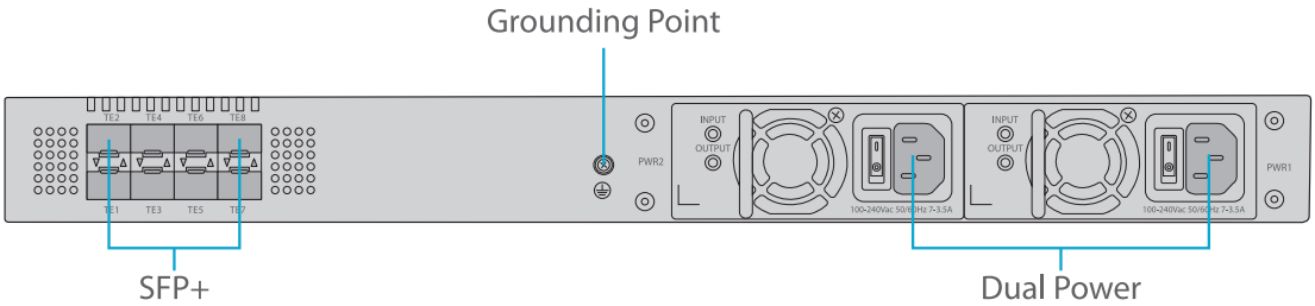
Button	Description
RST	With swap function. It can be used to switch POE indicators.

Front Panel LEDs



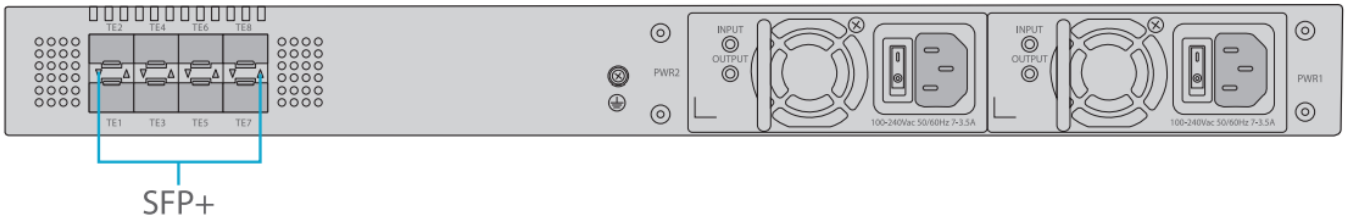
LEDs	Status	Descripti
PWR	On	The switch is powered on.
SYS	On	The system is being started up.
	Blink	The system works properly.
POE	ON	Indicated whether the RJ45 port is powered on properly.
	OFF	Indicated whether the LINK function is properly.
RJ45	ON	Data is being transmitted or received.
	OFF	No device is connected to the corresponding port.

Back Panel Ports



Ports	Description
SFP+	Hot swappable SFP+ ports for 1/10G connection

Back Panel LEDs



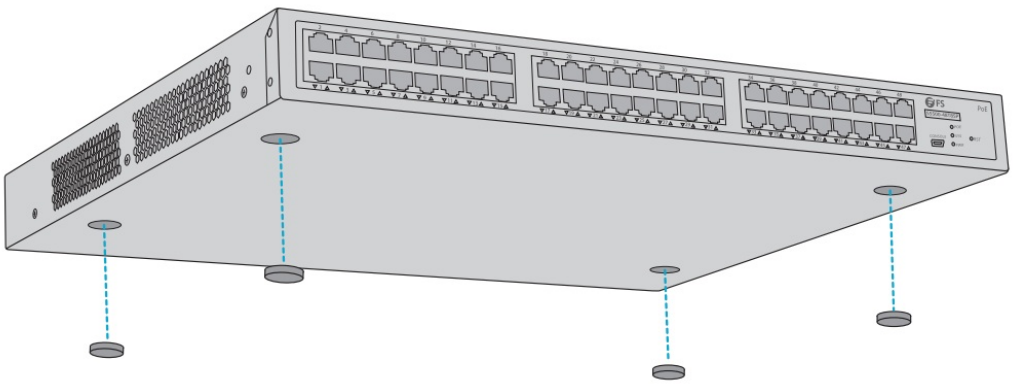
LEDs	Status	Description
SEP+	On	Data is being transmitted or received.
	Off	No device is connected to the corresponding port.

Site Environment

- Do not operate it in an area that exceeds an ambient temperature of 50°C.
- The installation site must be well ventilated. Ensure that there is adequate airflow around the switch.
- Be sure that the switch is level and stable to avoid any hazardous conditions.
- Do not install the equipment in a dusty environment
- The installation site must be free from leaking or dripping water, heavy dew, and humidity.

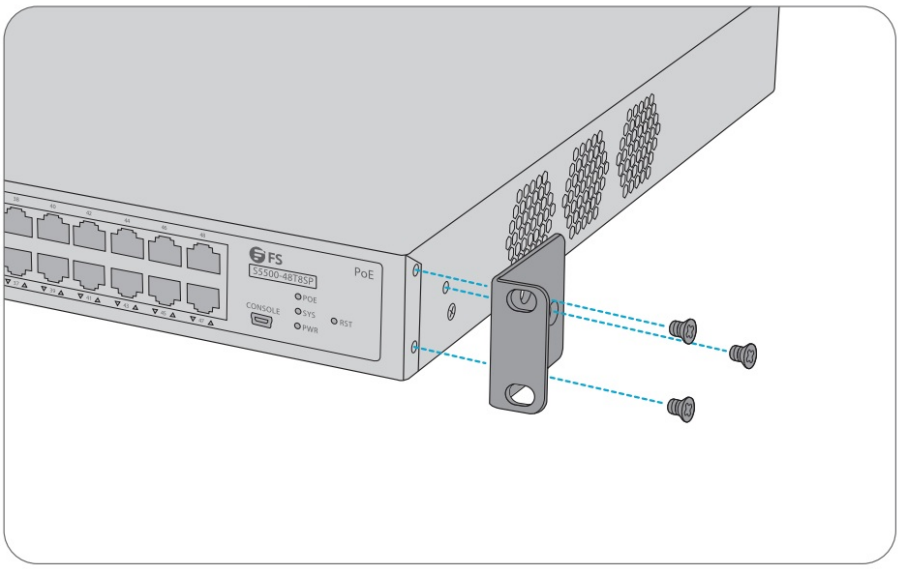
Installing

Desk Mounting

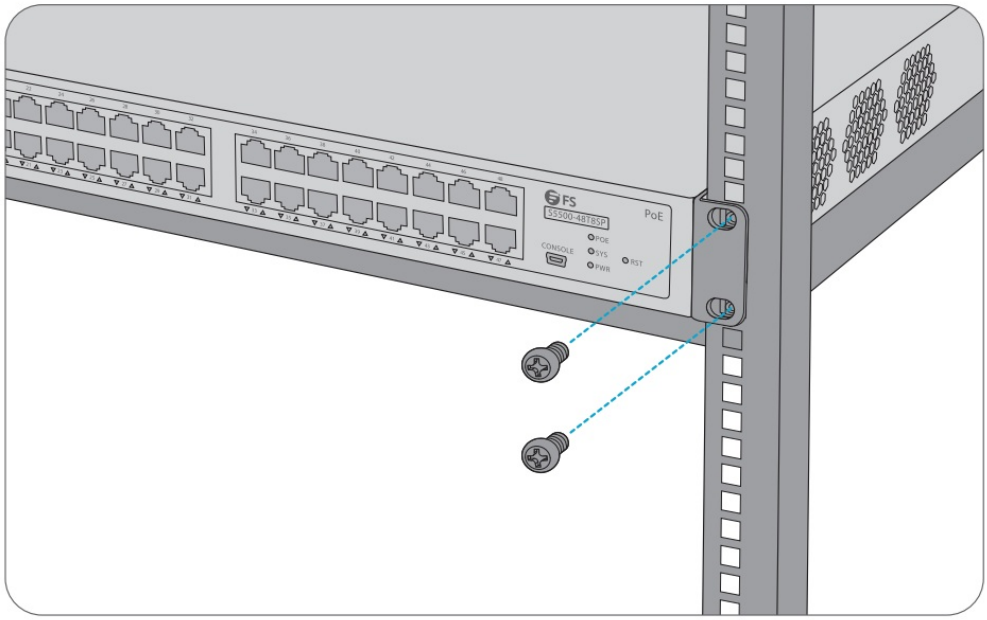


1. Tear off the sticker from the rubber pad.
2. Press the sticky side of the pad to the right-angle die-pressed mark on the bottom panel of the chassis.

Rack Mounting

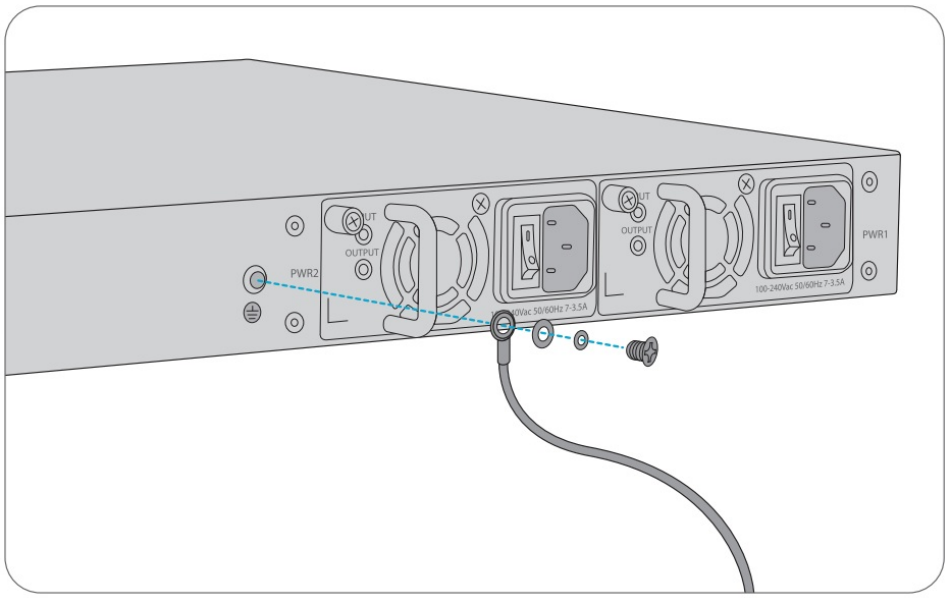


Secure the mounting brackets to the two sides of the switch with six M3 screws.



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

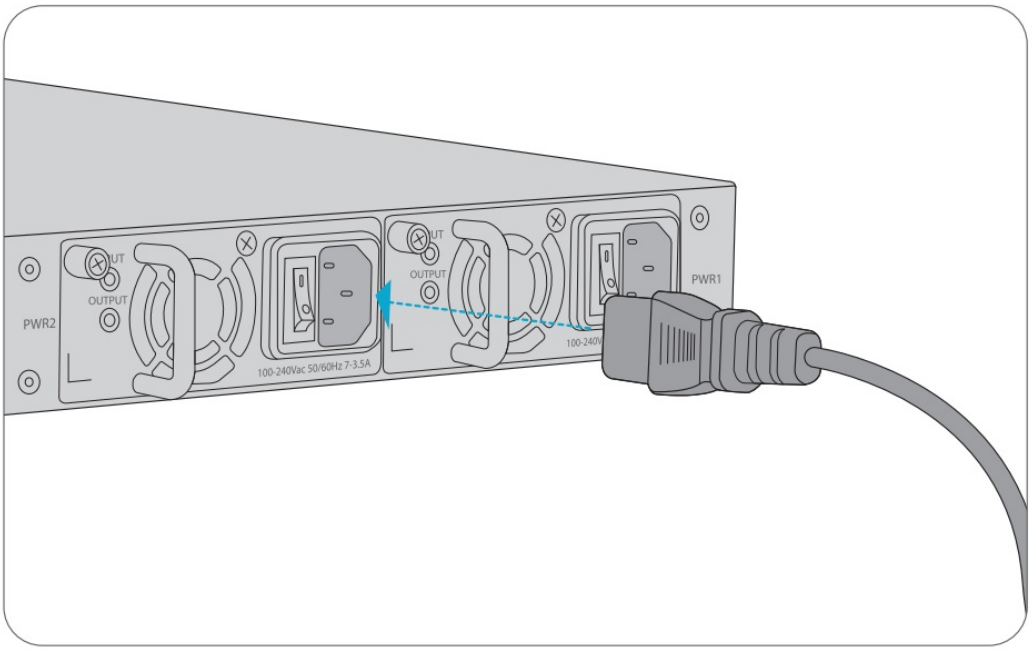
Grounding the Switch



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

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

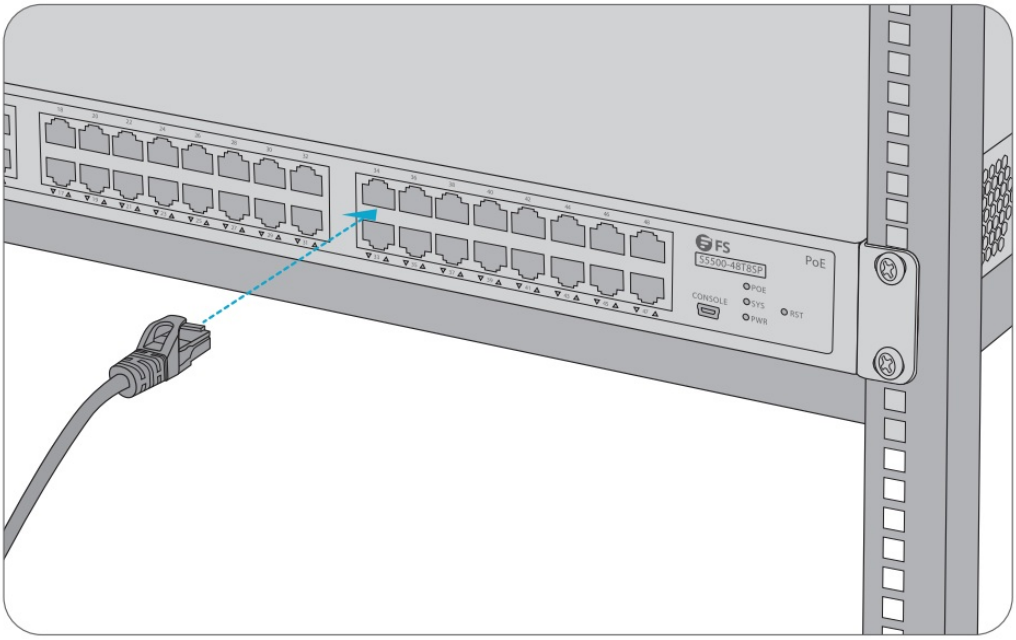
Connecting to the Power



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.

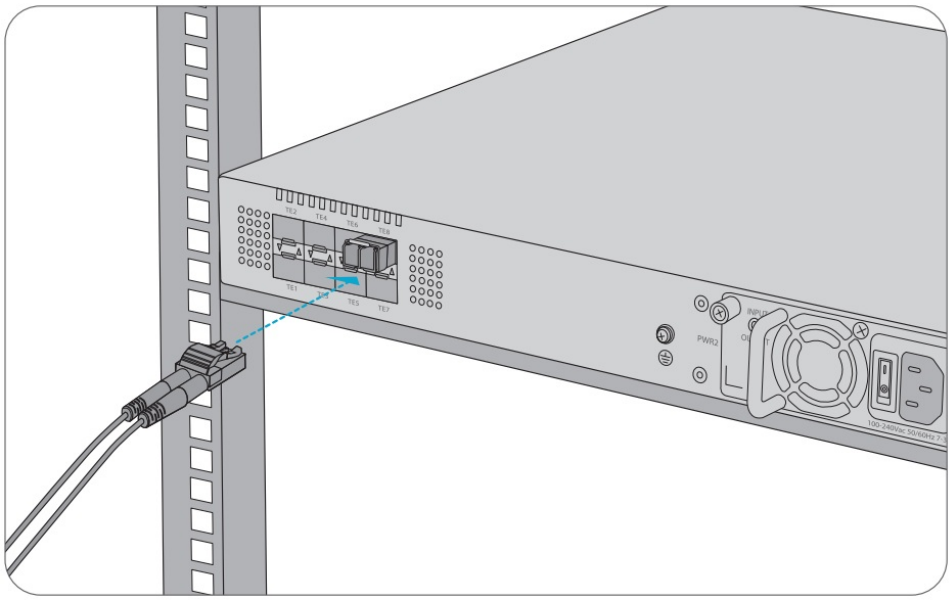
WARNING: Do not install power cables while the power is on.

Connecting to the 8ll45 Ports



1. Connect an Ethernet cable to the R145 port of IP cameras, IP telephones, Access Points (AP), or other network devices.
2. Connect the other end of the Ethernet cable to the R145 port of the switch.

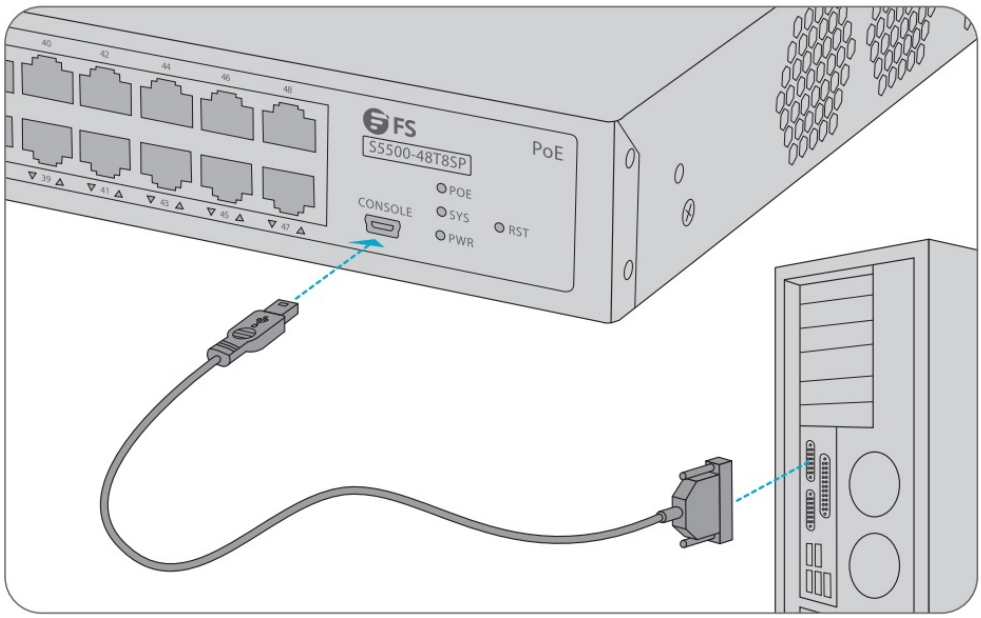
Connecting to the SFP+ Ports



1. Plug the compatible SFP+ transceiver into the SFP+ port.
2. Connect a fiber optic 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.

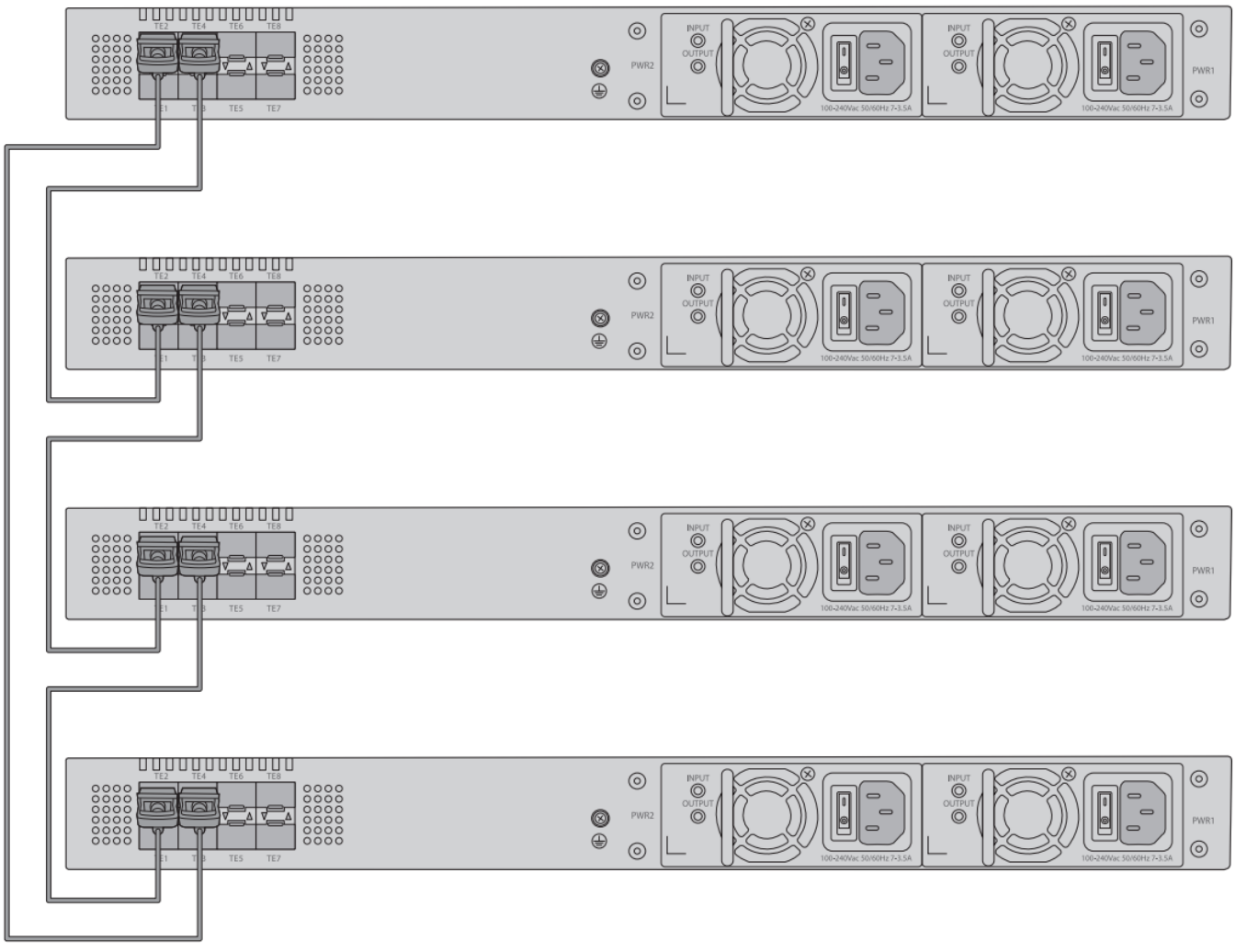
Connecting to the Console Port



1. Connect the D89 female connector of the console cable to the RS-232 serial port on the computer.
2. Insert the Mini USB plug connector into the USB console port on the front of the switch.

Stacking the S5500-48T8SP PoE+ Switch

The S5500-48T8SP PoE+ switch support stacking up to 4 units between the same model together. It can be physically stacked using optical fiber cables connected to SFP+ transceivers, or 10G Direct Attach Cables (DAC). Any 2 SFP+ ports on the rear panel of the switch can be used for physical stacking.

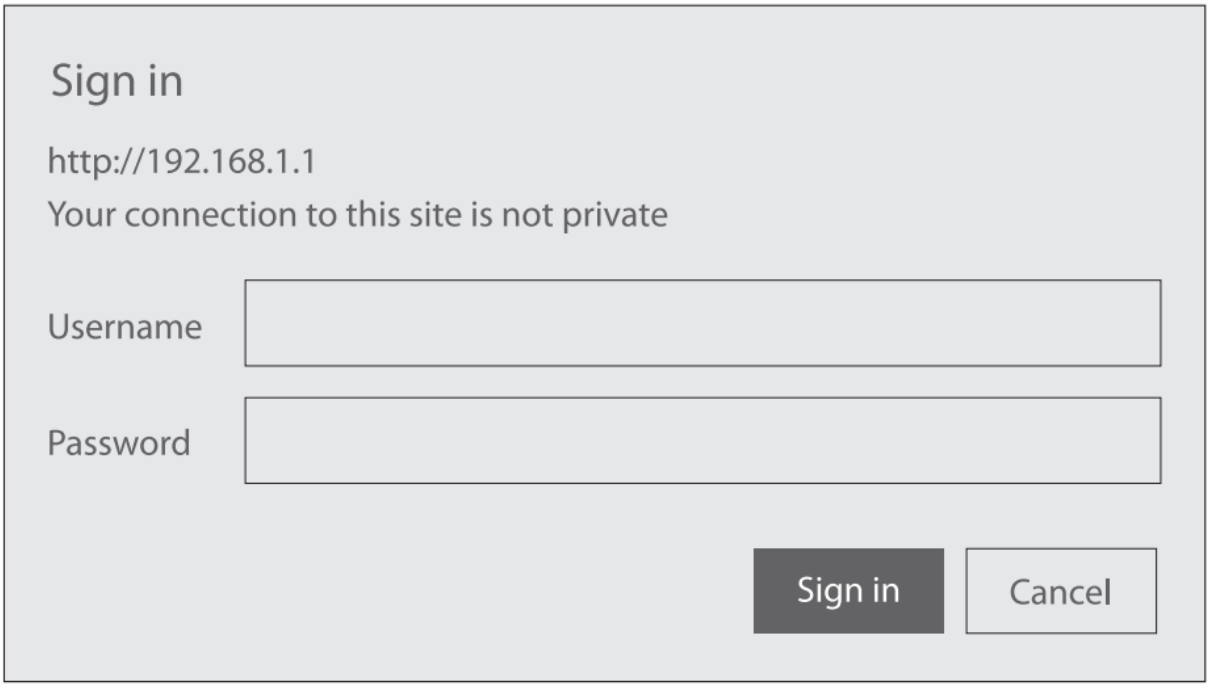


Configuring the Switch

Configuring the Switch Using the Web-based Interface

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

Step 2: Set up the IP configuration 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 re is any number from 2 to 254).
Step 3: Open a web browser window. Enter the default IP address of the switch **http://192.168.1.1** in the address bar and press Enter.
Step 4: When the login page appears choose the language that you prefer and enter the username and password. The default username is admin. The default password is admin. Step 5: Click Sign in to display the web-based configuration page.



You are now ready to configure the switch. Refer to the S5500-48T8SP PoE+ Switch Software Configuration Guide online for further information.
Configuring the Switch Using the Console Port
Step 1: Connect a computer to the switch's console port using 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:

- 115200 bits per second
- 8 data bits
- 1 stop bit
- no sum check bit
- no traffic control

Step 4: Enter the username and password. The default username is admin. The default password is admin.

⚠ **CAUTION:** Make sure that any configuration changes made are saved before exiting.

Troubleshooting

Power LED Working Abnormally

1. Check the power cable connections at the switch and the power outlet, if the power on-off Is at the 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 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.

Accessing the Web-based Configuration Page Unsuccessfully
1. Check every port 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. After a while, 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 re is any number from 2 to 254) and Subnet Mask as 255155.255.0.

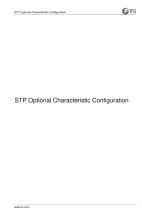
Online Resources

- Download **https://www.fs.com/download.html**
- Help Center **https://www.fs.com/servke/help_center.html**
- Contact Us **https://www.fs.com/contact_us.html**

Product Warranty

FS ensures our customers that any damage or faulty items are 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: FS 55500-48T8SP PoE+ switch enjoys 5 years limited warranty against defects in materials or workmanship.
For more details about the warranty, please check at **https://www.fs.com/policies/warranty.html**
Return: If you want to return the item(s), information on how to return can be found at **https://www.fs.com/policies/day_retum_policy.htm**

Documents / Resources

	**FS S5500-48T8SP 48-Port Gigabit Stackable L3 Poe+ Managed Switch** [pdf] User Guide S5500-48T8SP, 48-Port Gigabit Stackable L3 Poe Managed Switch
	**FS S5500-48T8SP 48-Port Gigabit Stackable** [pdf] User Guide S5500-48T8SP 48-Port Gigabit Stackable, S5500-48T8SP, 48-Port Gigabit Stackable, Gigabit Stackable, Stackable, S5500-48T8SP 48-Port Gigabit Stackable

References

- **FS.com - Data Center, Enterprise, Telecom**