

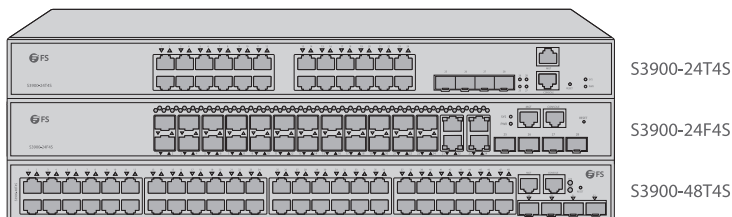
S3900 Series Switches

MANAGED L2+ GIGABIT SWITCHES

Quick Start Guide **V1.0**

Introduction

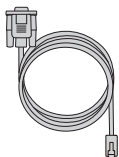
Thank you for choosing FS S3900 Series Stackable Managed Switches. This guide is designed to familiarize you with the layout of the switch and describes how to deploy the switch in your network.



Accessories



Power Cord x2



Console Cable x1



Mounting Bracket x2



Grounding Cable x1



Rubber Pad x4



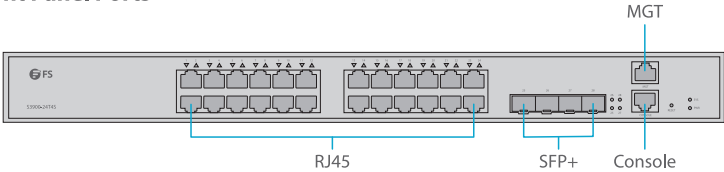
M4 Screw x6



NOTE: S3900 series switches have dust plugs delivered with them. Keep the dust plugs properly and use them to protect idle optical ports.

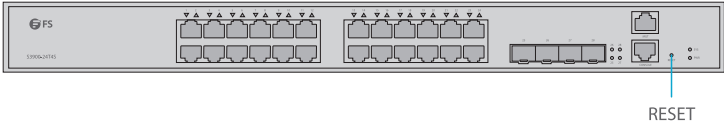
Hardware Overview

Front Panel Ports



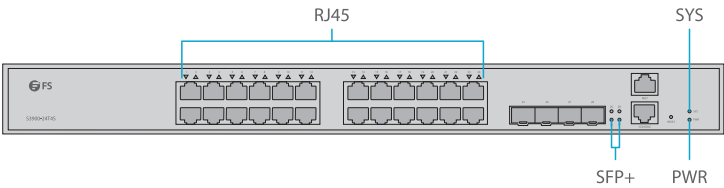
Ports	Description
RJ45	10/100/1000BASE-T ports for Ethernet connection
SFP+	Hot swappable SFP+ ports for 1/10G connection
MGT	An Out-Of-Band Ethernet management port
Console	An RJ45 console port for serial management

Front Panel Button



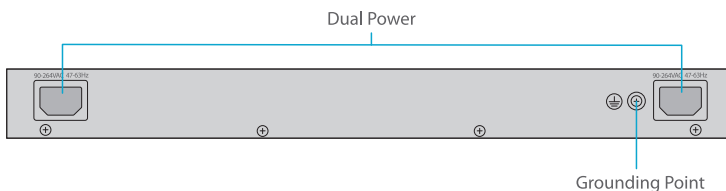
Button	Description
Reset	Restart: Press and release the Reset button quickly.
	Restore to Factory Default Settings: Press and hold the Reset button for more than five seconds.

Front Panel LEDs



LED	Status	Description
PWR	Green	Switch is powered on.
SYS	Green	System is working properly.
	Off	System is not working properly.
RJ45/SFP+	Green	A device is connected to the corresponding port, but no activity.
	Blinking Green	Data is being transmitted or received.
	Off	No device is connected to the corresponding port.

Back Panel

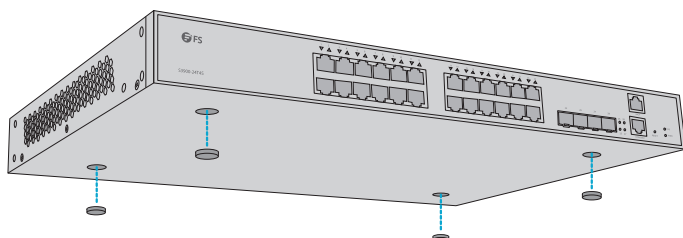


Site Environment

- Do not operate it in an area that exceeds an ambient temperature of 40°C.
- The installation site must be well ventilated. Ensure that there is adequate air flow 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.

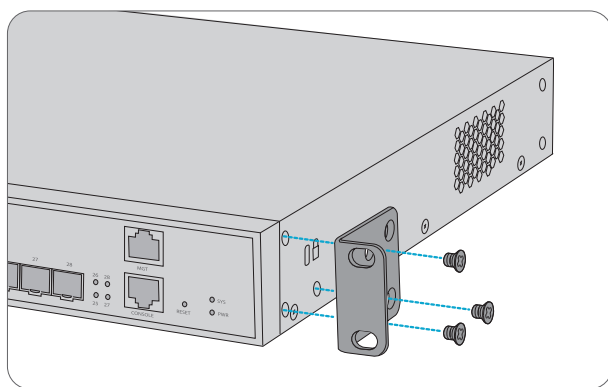
Installing

Desk Mounting

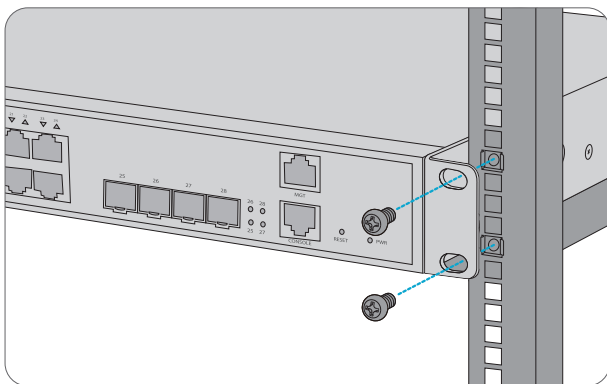


1. Attach four rubber pads to the bottom.
2. Place the chassis on a desk.

Rack Mounting

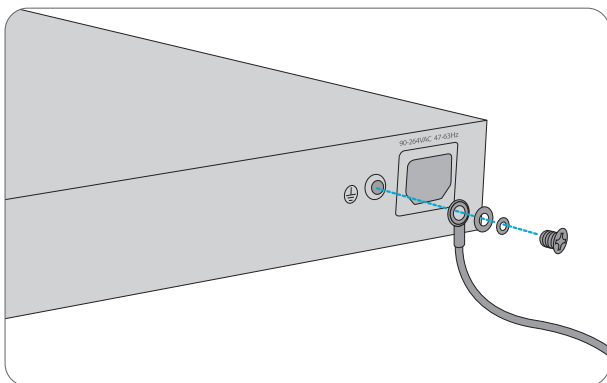


1. Secure the mounting brackets to the two sides of the switch with six M4 screws.



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

Grounding the Switch

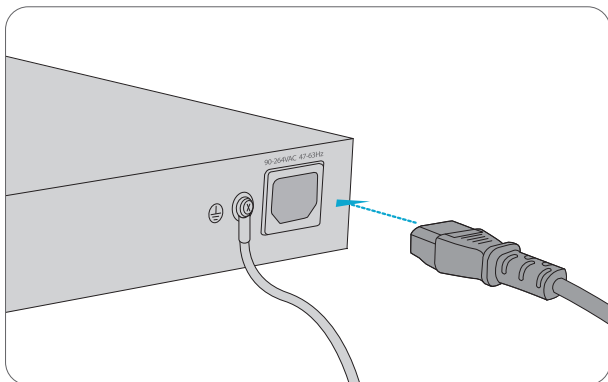


1. Connect one end of the grounding cable to a proper earth ground, such as the rack in which the switch is mounted.
2. Secure the grounding lug to the grounding point on the switch back panel with the washers and screws.



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

Connecting to the Power

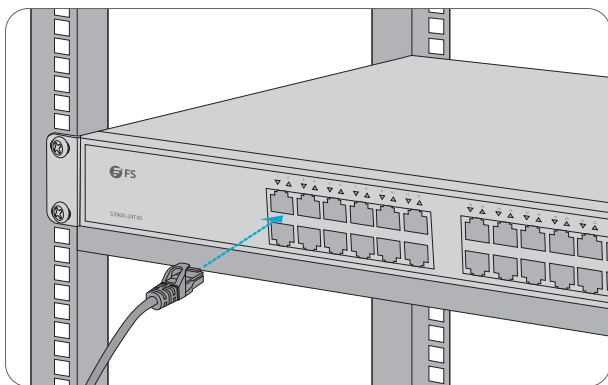


1. Plug the AC power cord into the power port on the back of the switch.
2. Connect the other end of the power cord to an AC power source.



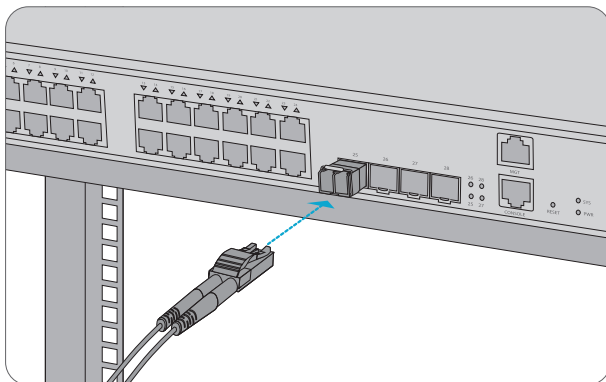
WARNING: Do not install power cables while the power is on.

Connecting to the RJ45 Ports



1. Connect an Ethernet cable to the RJ45 port of a computer, printer, network storage, or other network devices.
2. Connect the other end of the Ethernet cable to the RJ45 port of the switch.

Connecting to the SFP+ Ports

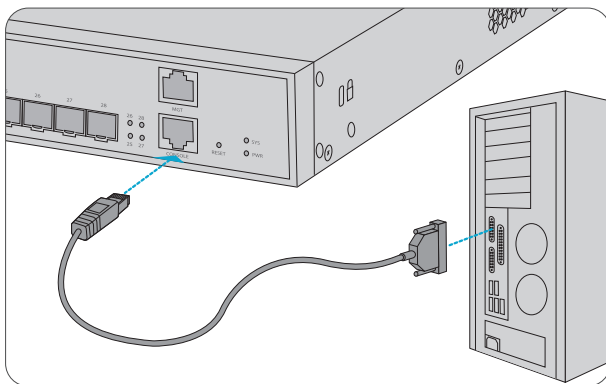


1. Plug the compatible SFP+ / SFP transceiver into the SFP+ port.
2. Connect a fiber optic cable to the fiber transceivers. Then connect the other end of the cable to another fiber device.



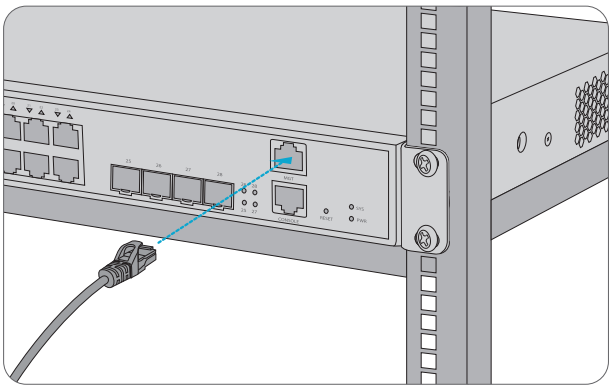
WARNING: Laser beams will cause eye damage. Do not look into bores of optical modules or optical fibers without eye protection.

Connecting to the Console Port



1. Connect the DB9 female connector of the console cable to RS-232 serial port on the computer.
2. Insert the RJ45 connector into the RJ45 console port on the front of the switch.

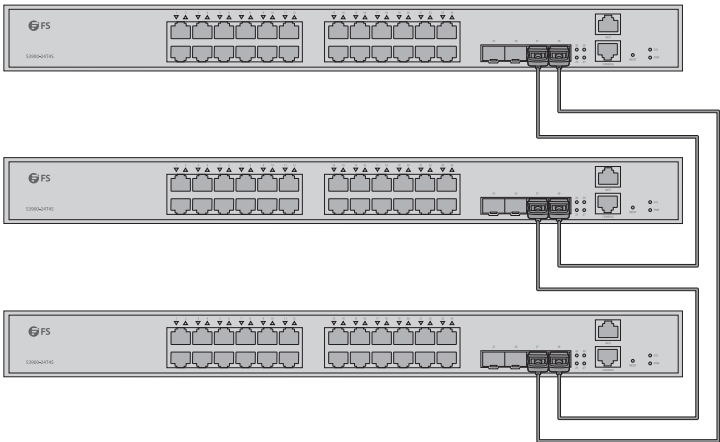
Connecting to the MGT Port



1. Connect one end of a standard RJ45 Ethernet cable to a computer.
2. Connect the other end of the cable to the MGT port on the front of the switch.

Stacking the S3900 Series Switches

The S3900 series switches support stacking up to 6 switches between the same models together. Switches in the series can be physically stacked using optical fiber cables connected to SFP+ transceivers, or 10G Direct Attach Cables (DAC). Only the last 2 ports on 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 ("x" 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.



Welcome to FS Ethernet Switch

 | admin

 | *****

English ▼

Sign in

You are now ready to configure the switch. Refer to the **S3900 Series Web Management Manual** 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
- no parity
- 1 stop bit
- no flow control

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

You are now ready to configure the switch. Refer to the **S3900 Series CLI Reference Guide** online for further information.



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 source.
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 ("x" is any number from 2 to 254) and Subnet Mask as 255.255.255.0.

Online Resources

- Download <https://www.fs.com/download.html>
- Help Center https://www.fs.com/service/help_center.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: FS S3900 Series Switches enjoys 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 item(s), information on how to return can be found at https://www.fs.com/policies/day_return_policy.html