Manuals+

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FS S3240C Series Switches 24-Port Gigabit Ethernet User Guide 📄
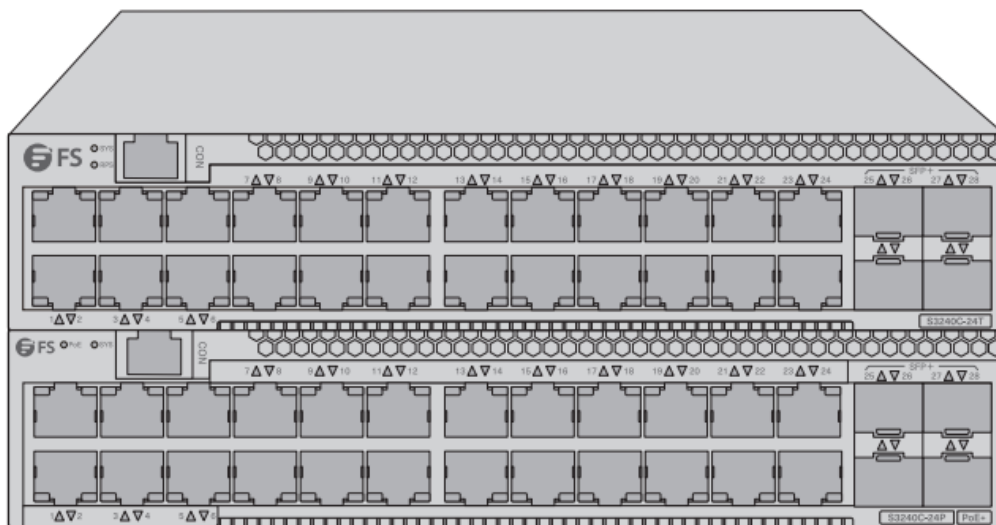
Contents [hide]

FS

FS S3240C Series Switches 24-Port Gigabit Ethernet
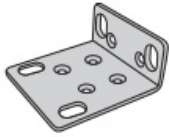
Introduction

Thank you for choosing the Enterprise Switches. This guide is designed to familiarize you with the layout of the switches and describes how to deploy them in your network.
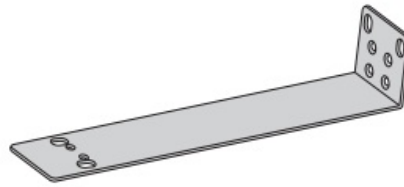

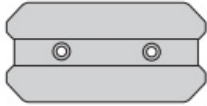S3240C-24T

S3240C-24P

Accessories

Short Mounting Bracket x1

Long Mounting Bracket x1

Middle Mount (a) x1

Middle Mount (b) x1

Grounding Cable x1

Power Cord x1

Console Cable x1

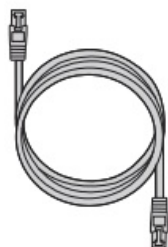M4 Screw x16

M3 Screw x4

Front Stacking Bracket x2

Rear Stacking Bracket x2

M6 Screw x4

M6 Cage Nut x4

Network Cable x1

RPS Power Cord x1
(only supplied with S3240C-24T)

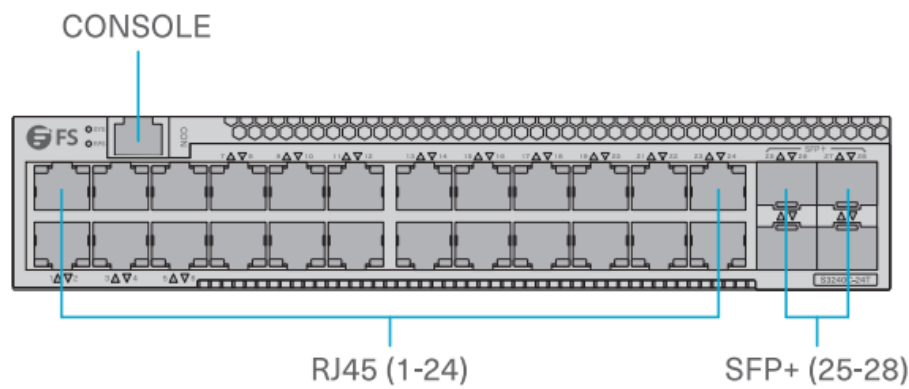**NOTE:** The accessories may vary from illustration. Please prevail in kind.

NOTE: This power cord cannot be used with other devices, and other power cords

should not be used with this device.

Hardware Overview

Front Panel Ports

S3240C-24T

CONSOLE

RJ45 (1-24)   SFP+ (25-28)

S3240C-24P

CONSOLE
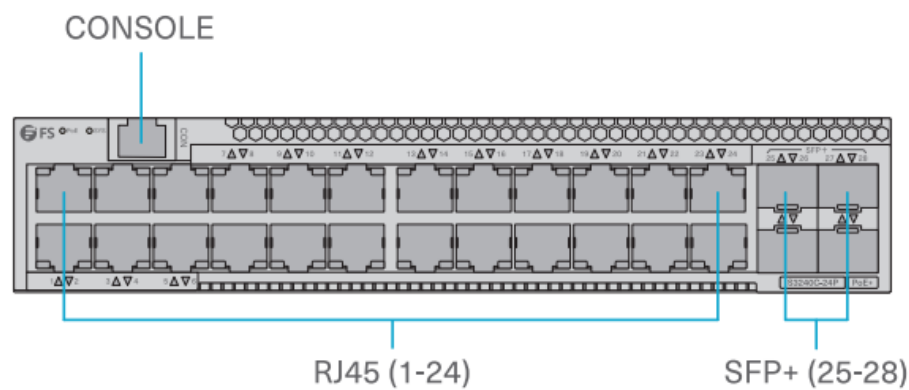
RJ45 (1-24)   SFP+ (25-28)

Ports	Description
RJ45 (1-24)	10M/100M/1000M ports for Ethernet connection, the RJ45 ports of S3240C-24P support PoE function
SFP+ (25-28)	SFP+ ports for 10G connection
Console	An RJ45 console port for serial management

Front Panel LEDs

S3240C-24T

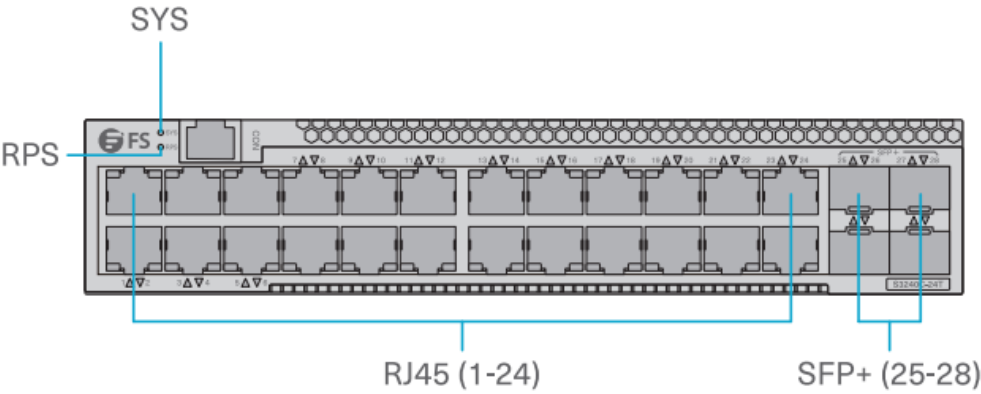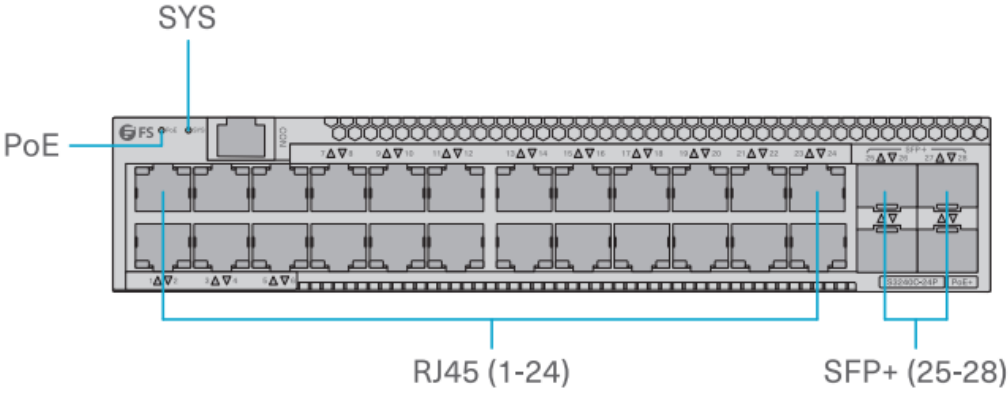RJ45 (1-24)   SFP+ (25-28)

S3240C-24P

RJ45 (1-24)   SFP+ (25-28)

SYS	Blinking Green	The system is normal.
	Solid Green	The system is running abnormally.
	Off	The system is not powered on or is running abnormally.
Left LED **(S3240C-24P only)**	Solid Green	The port is supplying power to the PD device.
	Off	The port isn't supplying power.

		Solid Green	The port is linked at 1 Gbps.
RJ45 (1-24)	**Right LED**	Blinking Green	The port is linked at 1 Gbps and there is data activity.
		Solid Amber	The port is linked at sub-1 Gbps.
		Blinking Amber	The port is linked at sub-1 Gbps and there is data activity.
		Off	The port isn't linked.
SFP+ (25-28)		Solid Green	The port is linked at 10 Gbps.
		Blingking Green	The port is linked at 10 Gbps and there is data activity.
		Solid Amber	The port is linked at sub-10 Gbps.
		Blinking Amber	The port is linked at sub-10 Gbps and there is data activity.
		Off	The port is not connected.
RPS (S3240C-24T only)		Solid Amber	The redundant power supply is not connected or failed.
		Off	The redundant power supply is connected.
PoE (S3240C-24P only)		Solid Green	The PoE power supply system is operating normally.
		Off	The PoE power supply system is operating abnormally.

Installation Requirements

Before installation, make sure that you have the following:

- Anti-static gloves
- Standard-sized, 19″ wide rack with a minimum of 1 U height available
- Phillips screwdriver

Site Environment

- Make sure that the temperature of the installation site is maintained at 0°C-45°C.
- Make sure that the relative humidity of the installation site is maintained at 10%-90%.
- The installation site must be well-ventilated, with an operating temperature range of -40°C to 70°C.
- Keep the installation site away from humid and high-temperature environments.
- Do not operate the switch in environments with corrosive gases or chemicals.
- For rack installation, ensure that there is adequate airflow around the switch.
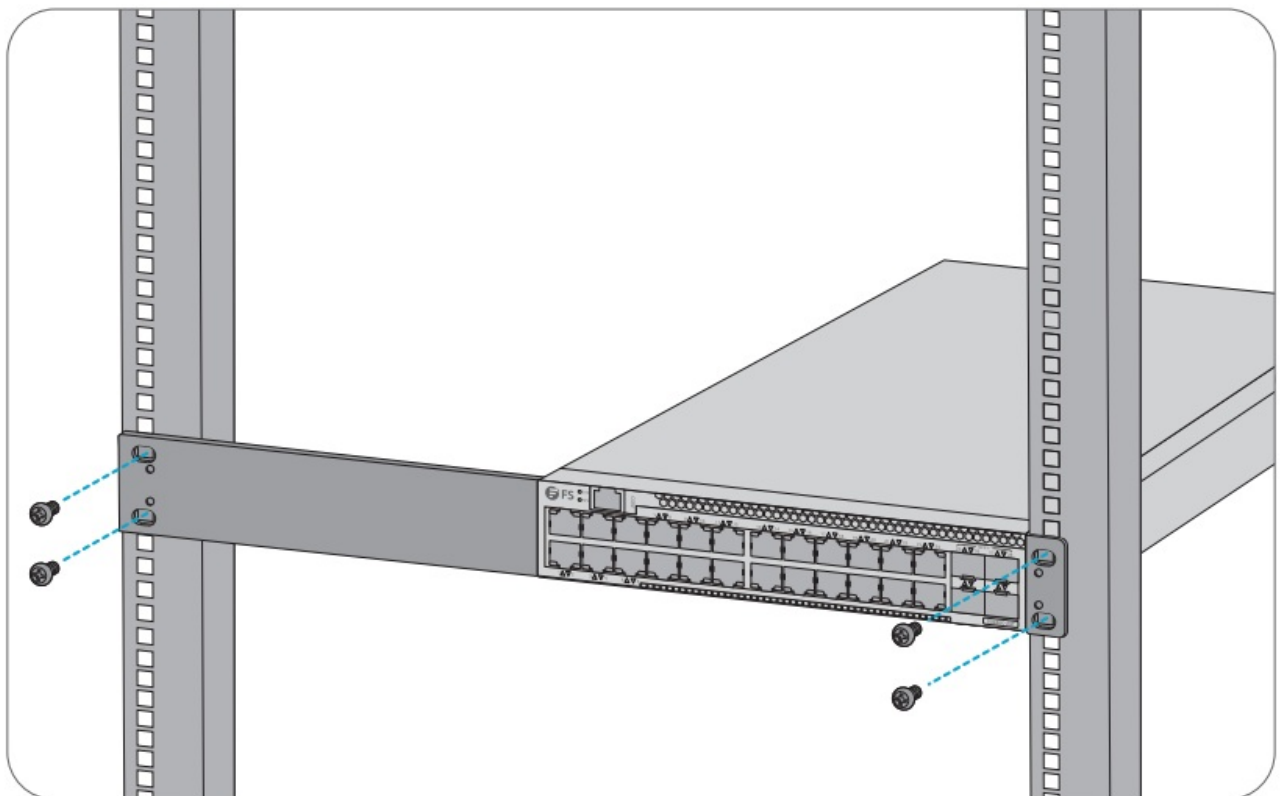
Mounting the Switch

Single Switch Rack Mounting

1. Secure the short and long mounting brackets to the two sides of the switch with supplied screws.
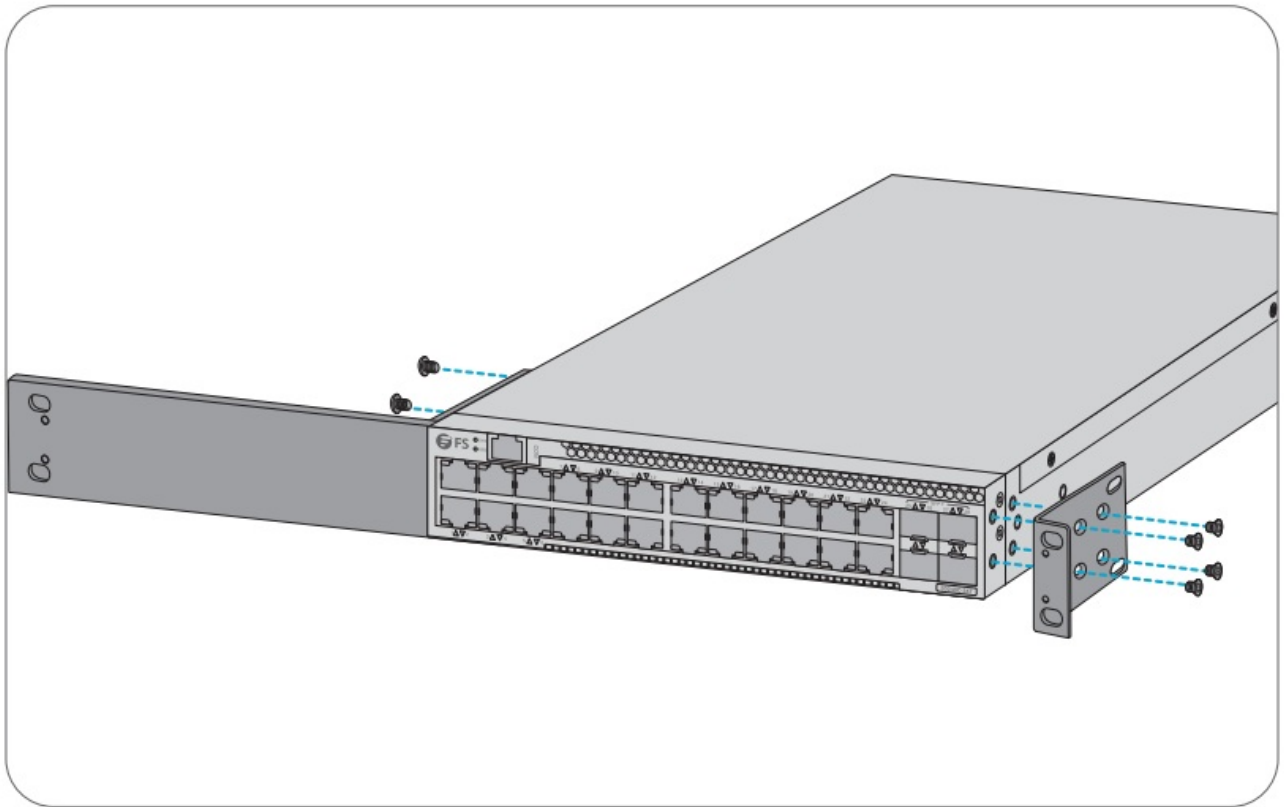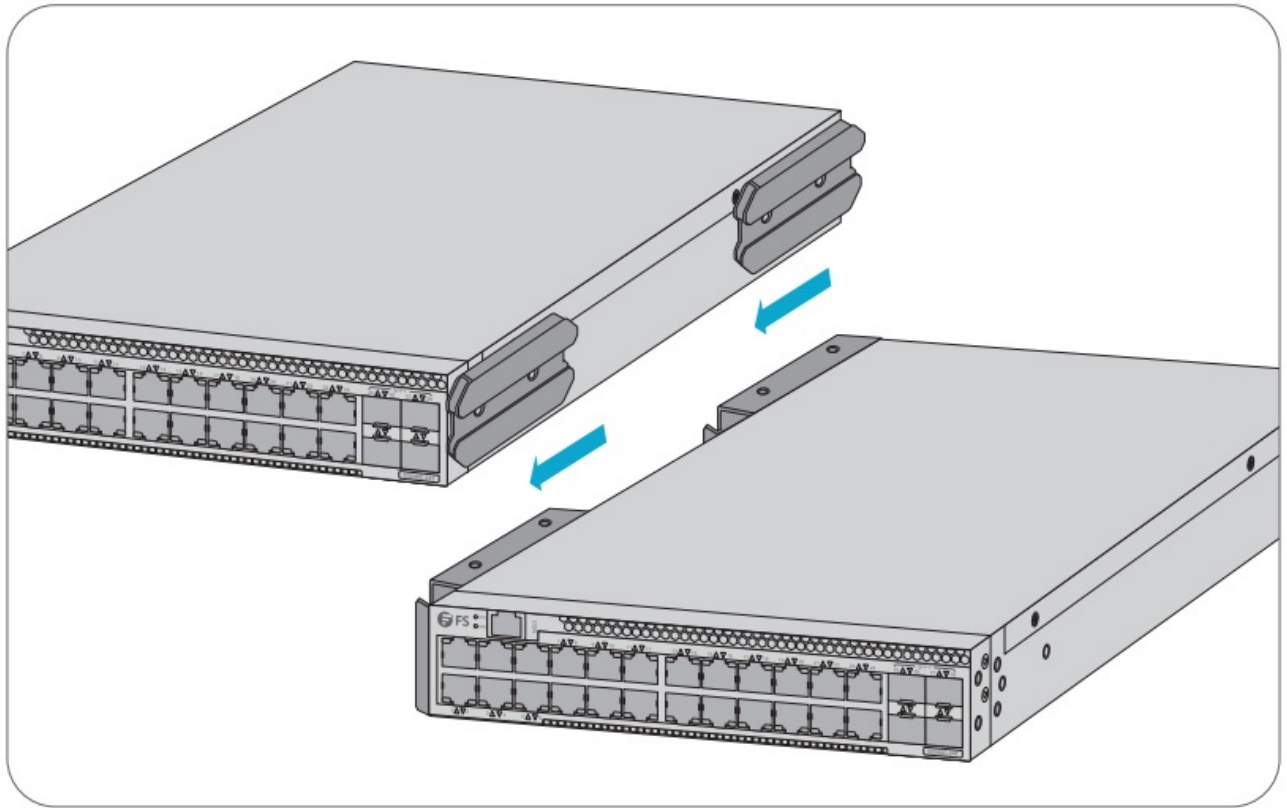
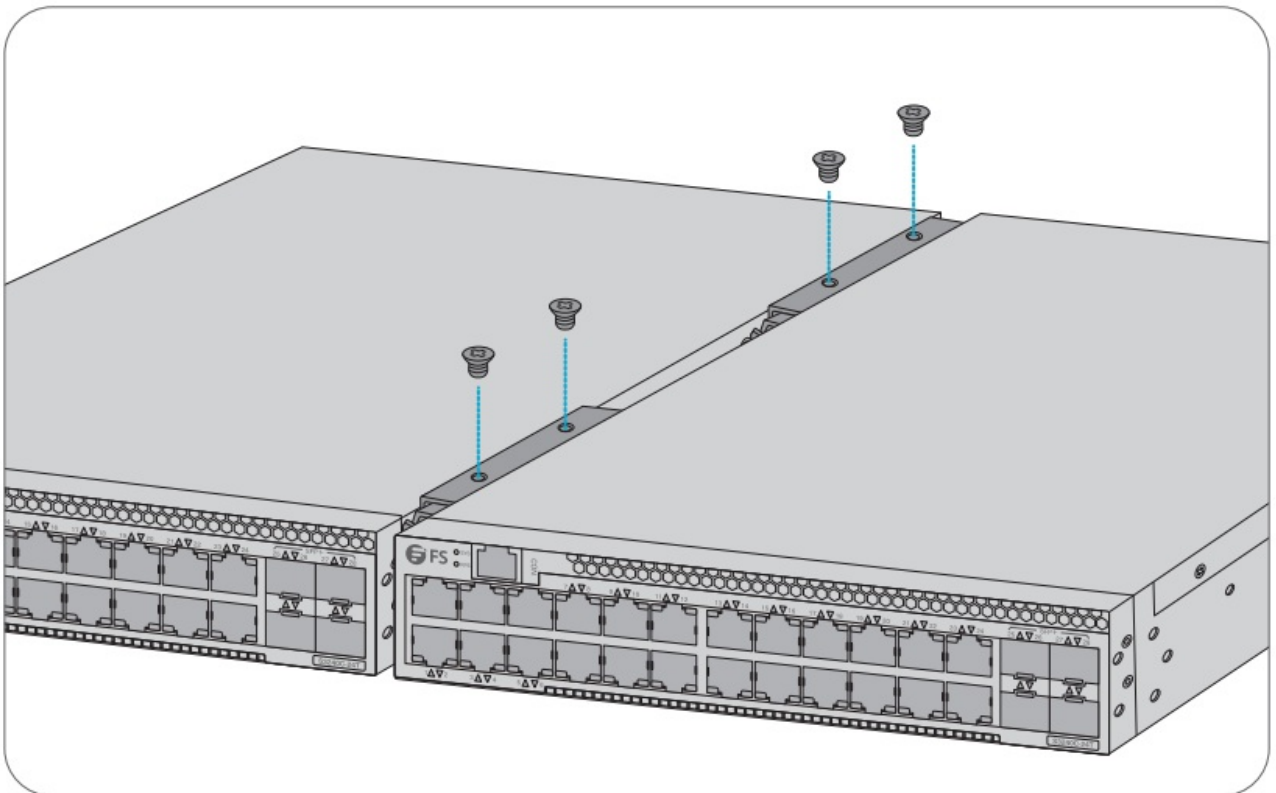2. Attach the switch to the rack using the M6 screws and cage nuts.
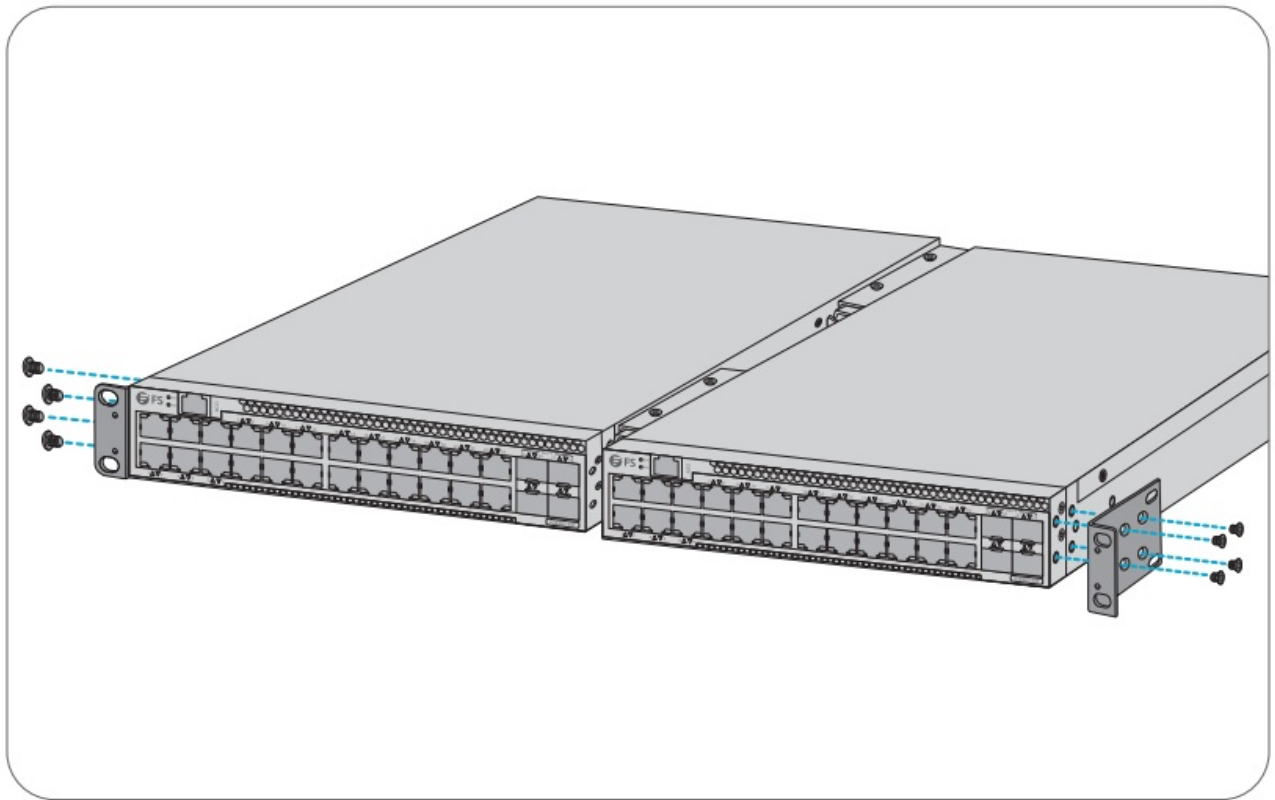

Two-In-1 U Rack Mounting

1. Fix two middle mounts (a) to one switch with four screws.
2. Fix two middle mounts (bl to the other switch with four screws.
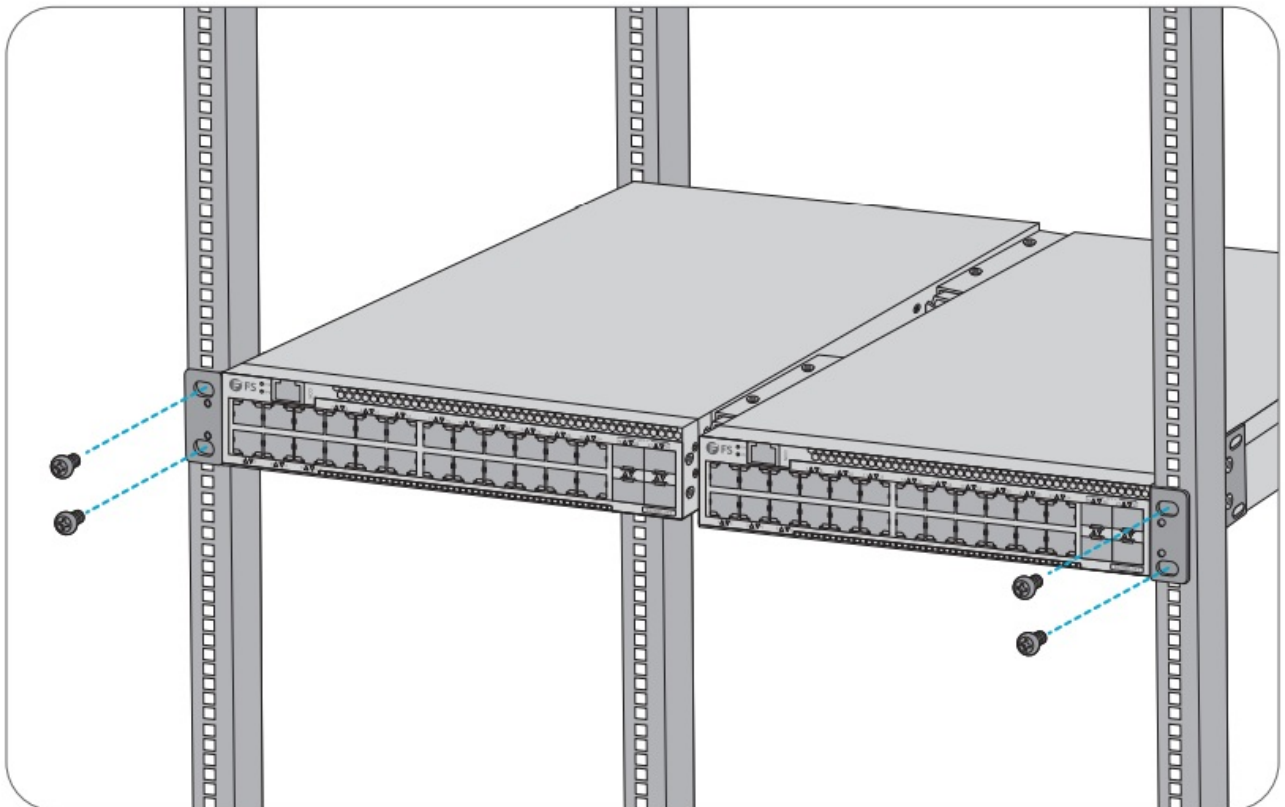
3. Combine two switches, and fix the combined middle mount kits with four screws.

4. Fix the two short mounting brackets to the two sides of the switches with eight screws.
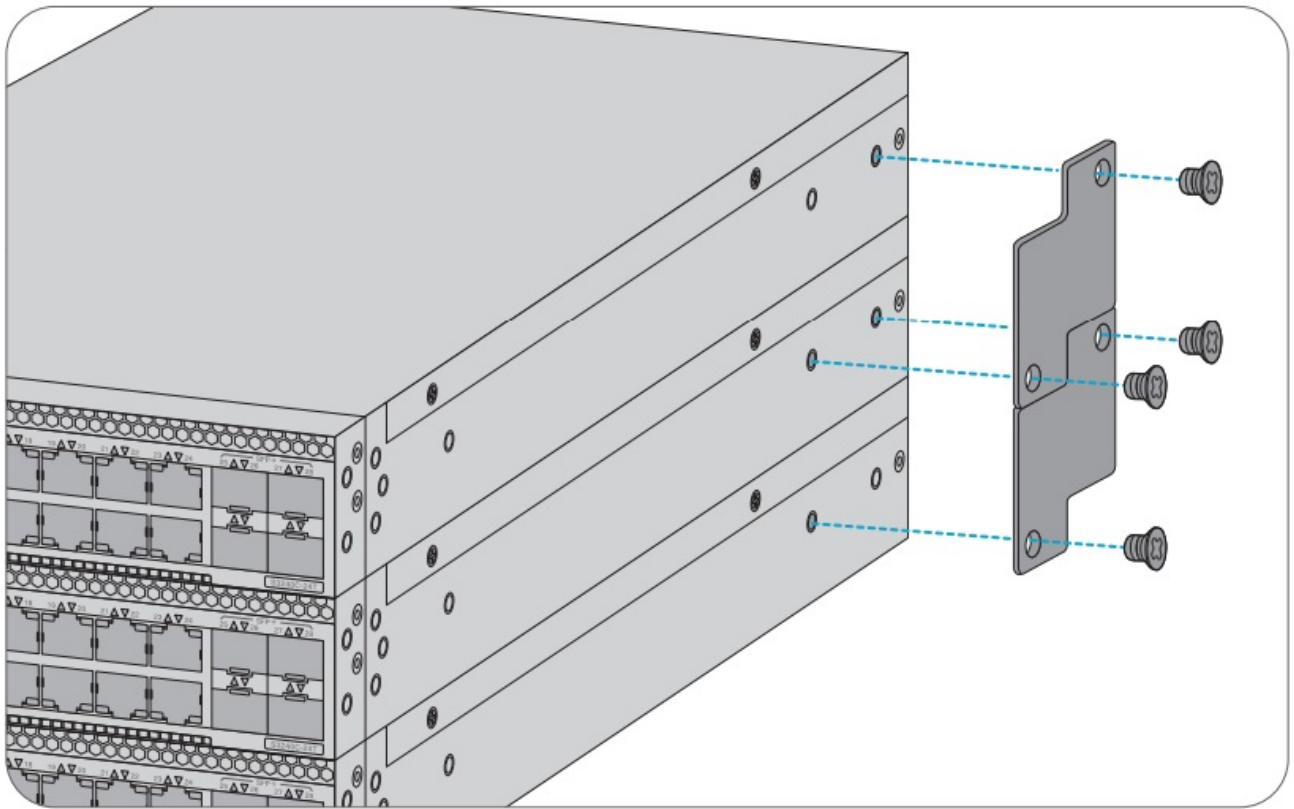
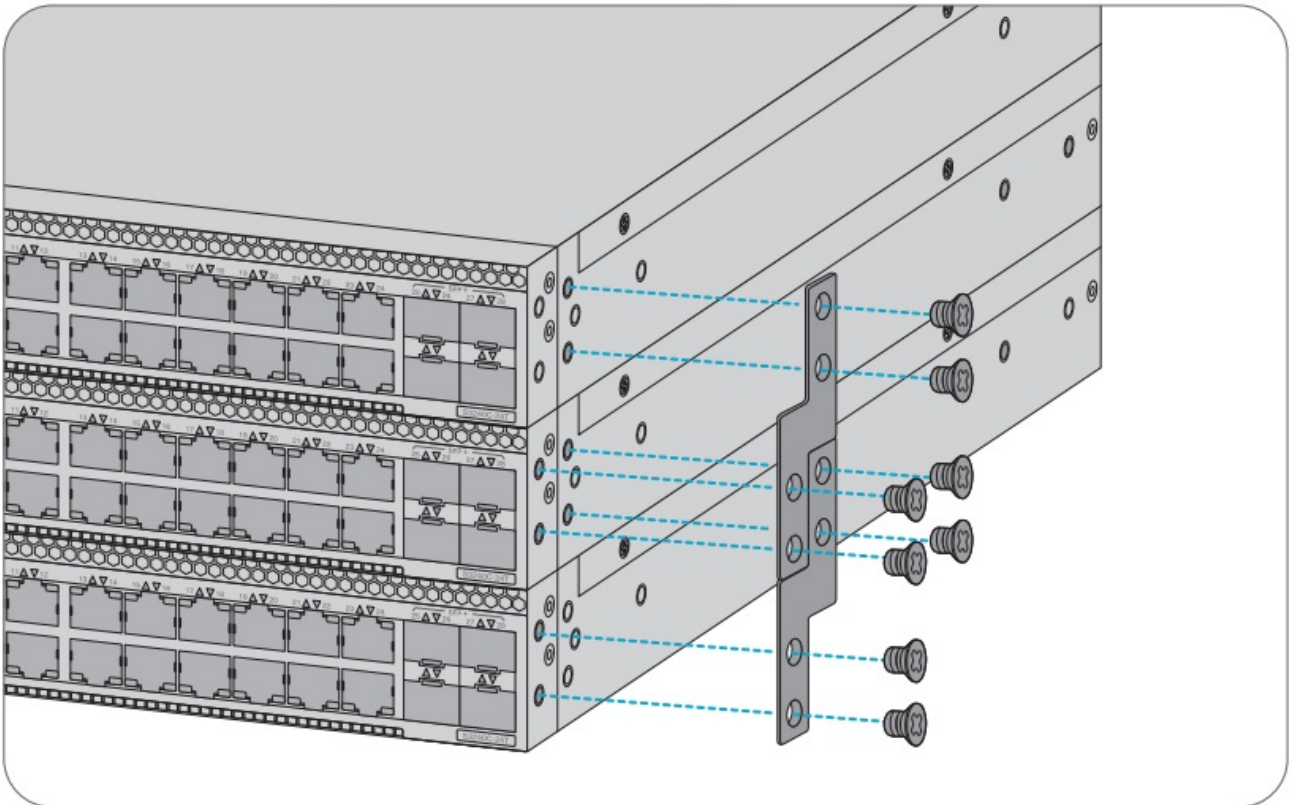5. Fix the switches to the rack with M6 screws and cage nuts.

Single-Row Stacking

1. Install the rear stacking brackets on the two sides of the switches with the supplied screws.
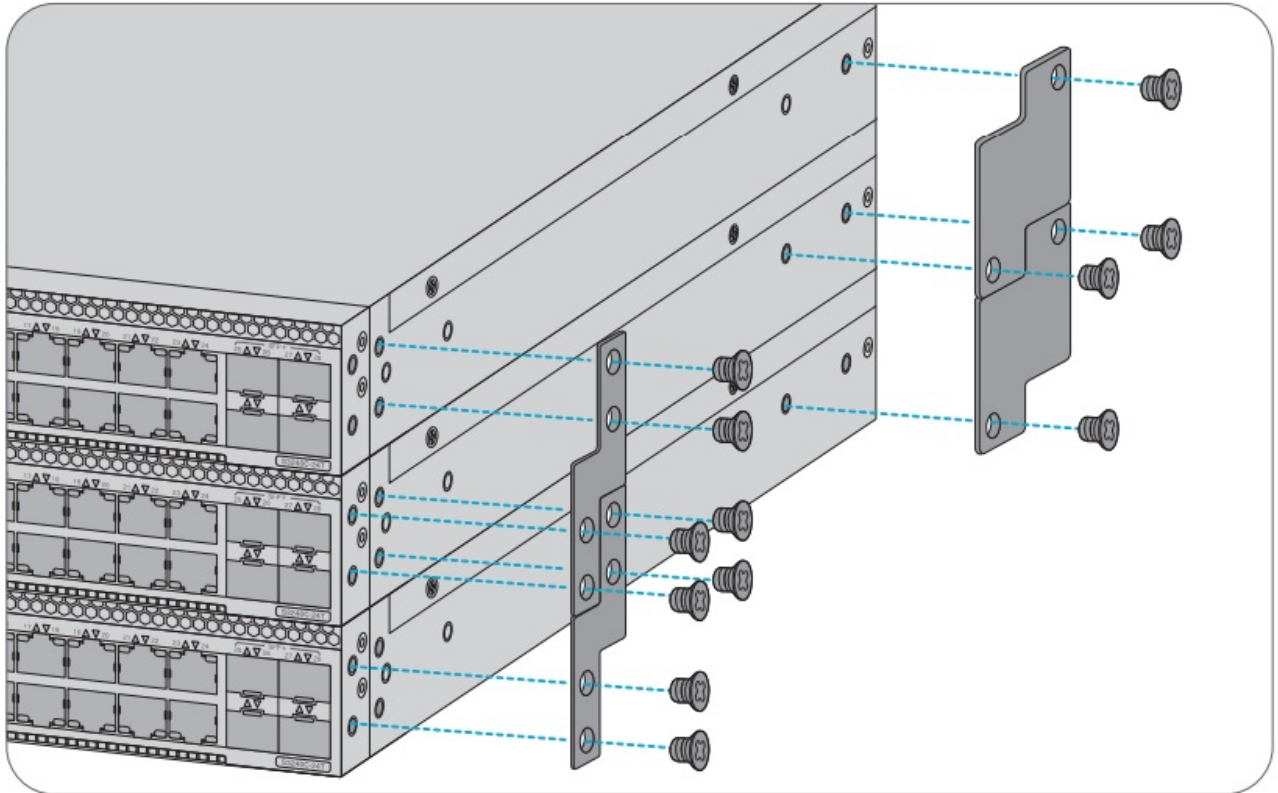
2. Install the front stacking brackets on the two sides of the switches with the screws.


Double-Row Stacking

1. Fix the middle mount kits and combine two switches with screws as the rack mounting.

2. Install the front and rear stacking brackets on the two sides of the switches with the

supplied screws.

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 back panel of the switch with the washers and the screw.
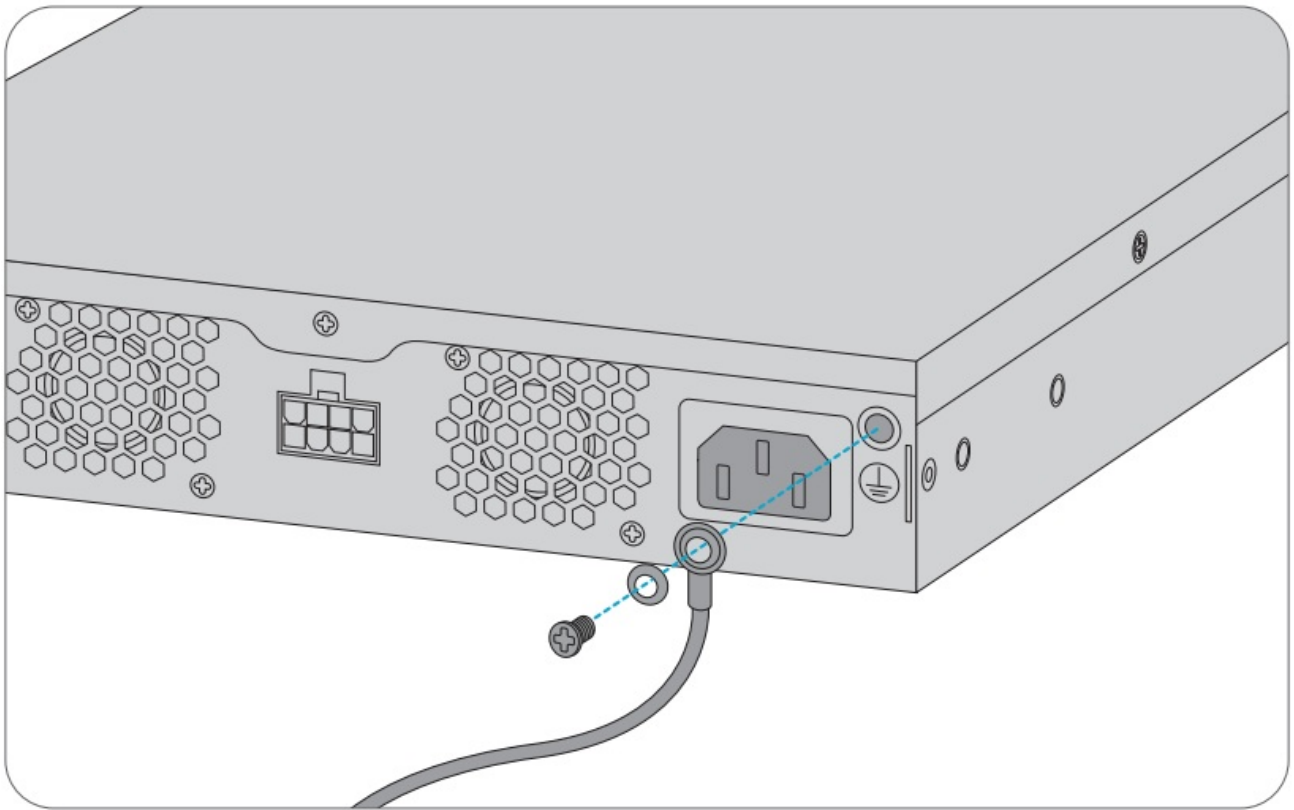
CAUTION: The earth connection cannot be removed unless all connections are disconnected.
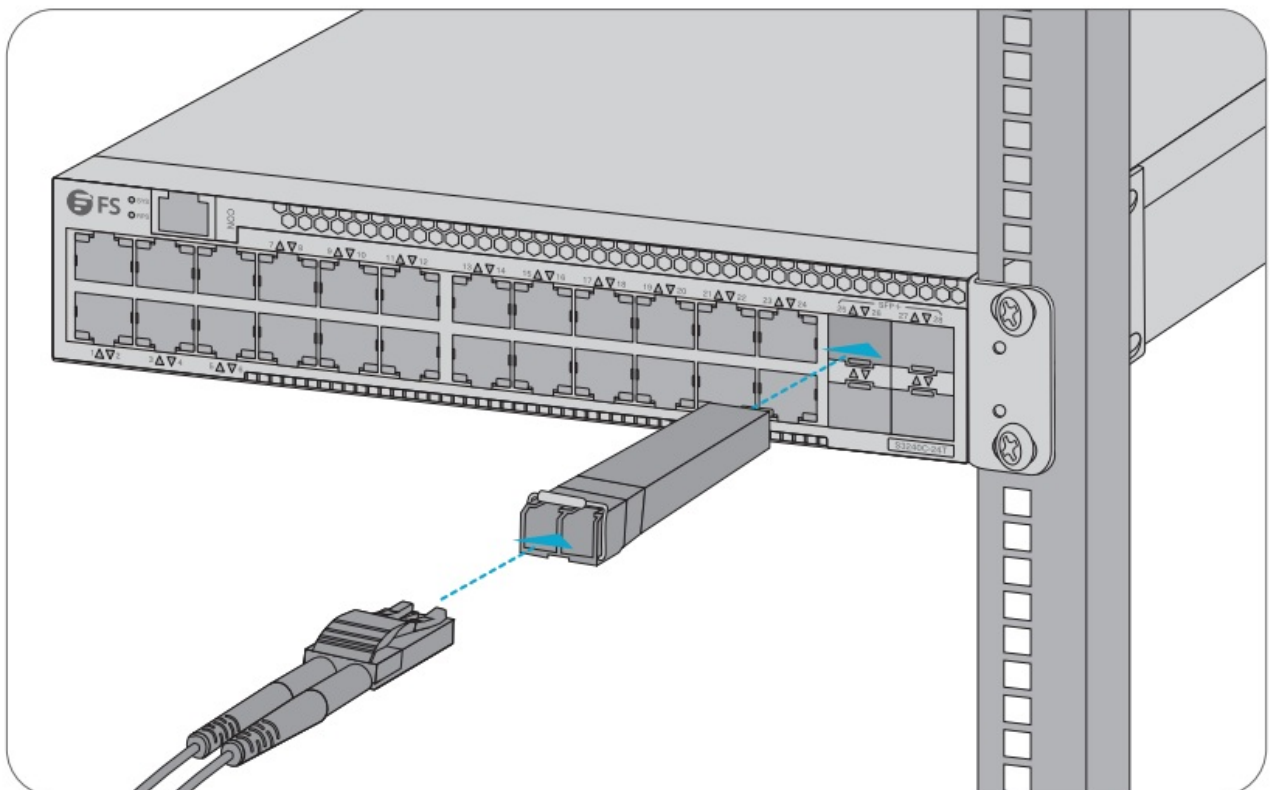
Connecting the RJ45 Ports

1. Connect an Ethernet cable to the RJ45 port of a network device.
2. Connect the other end of the Ethernet cable to the RJ45 port of the switch.
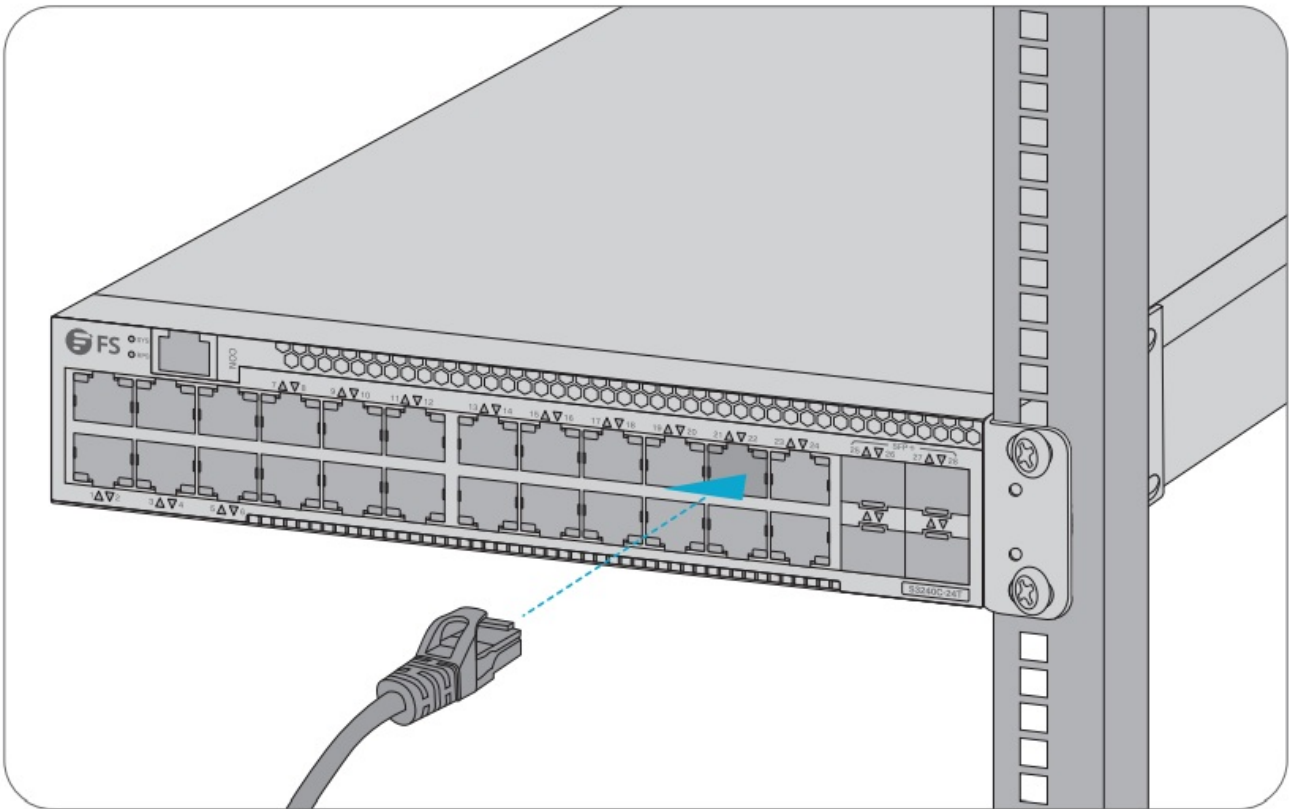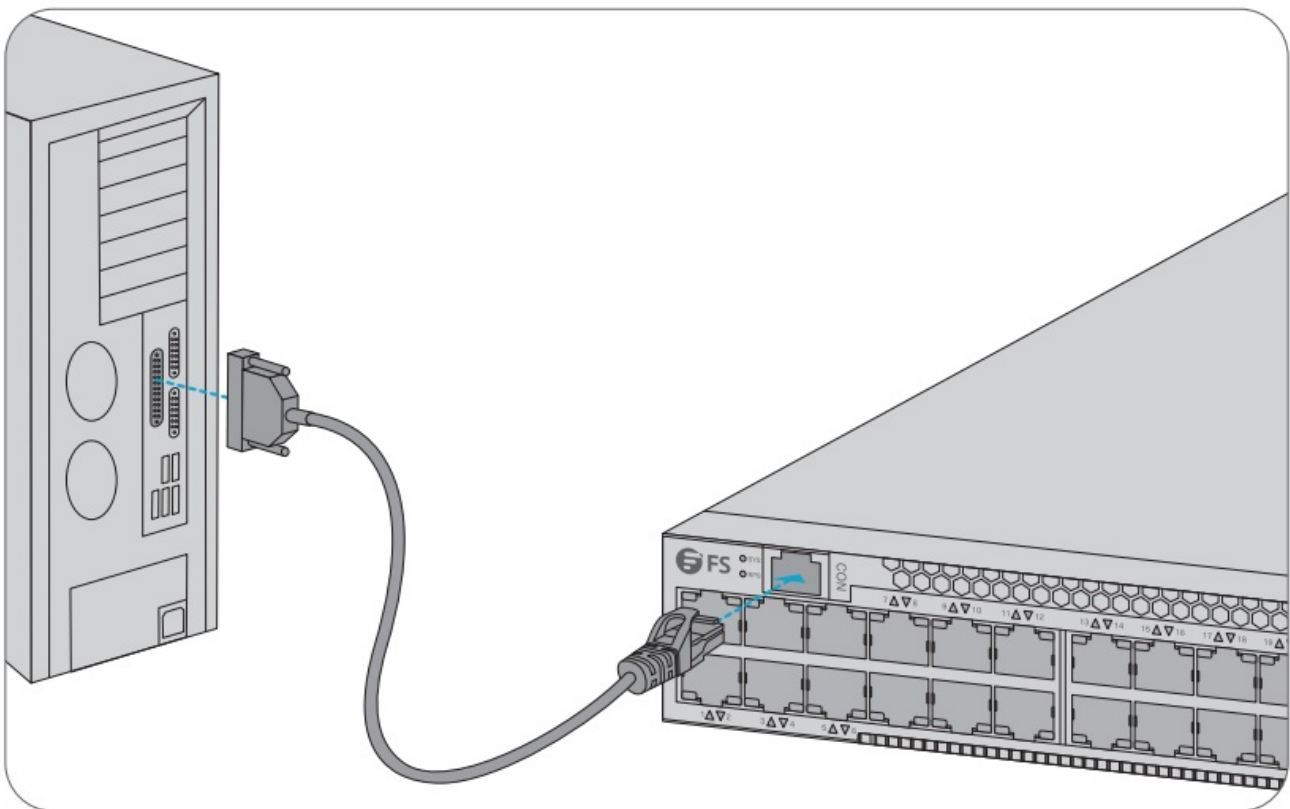
Connecting the SFP+ Ports

1. Plug the compatible SFP+ transceiver into the SFP+ port.
2. Connect a fiber optic cable to the fiber transceiver. 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 M transceivers or optical fibers without eye protection.
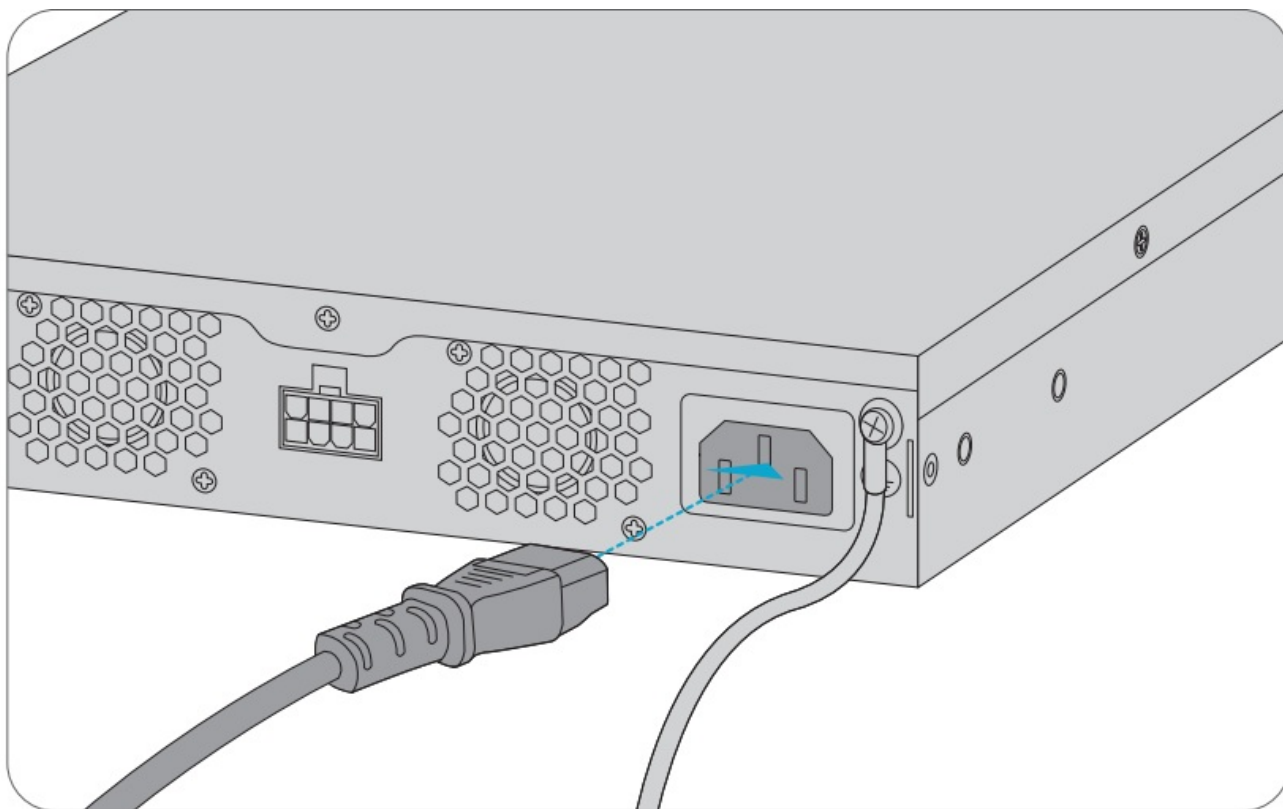
Connecting the Console Port

1. Insert the RJ45 connector of the console cable into the RJ45 console port of the switch.
2. Connect the D89 female connector of the console cable to the serial port of the computer.
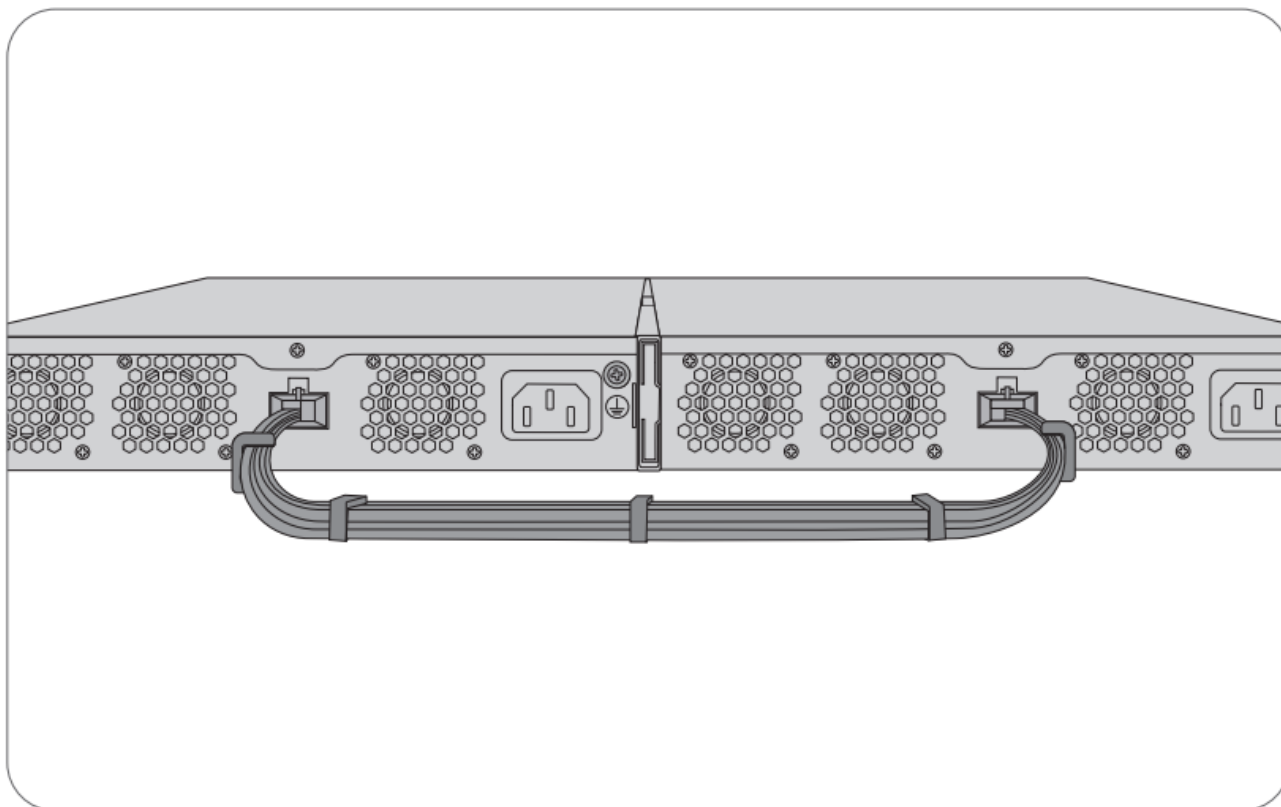

Connecting the Power

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.

3. (Optional) Use the RPS power cord to connect two S3240C-24T switches and realize the power redundancy between the two switches. If Switch A's power fails, the power supply from the other Switch B can supply power to Switch A and itself at the same time.
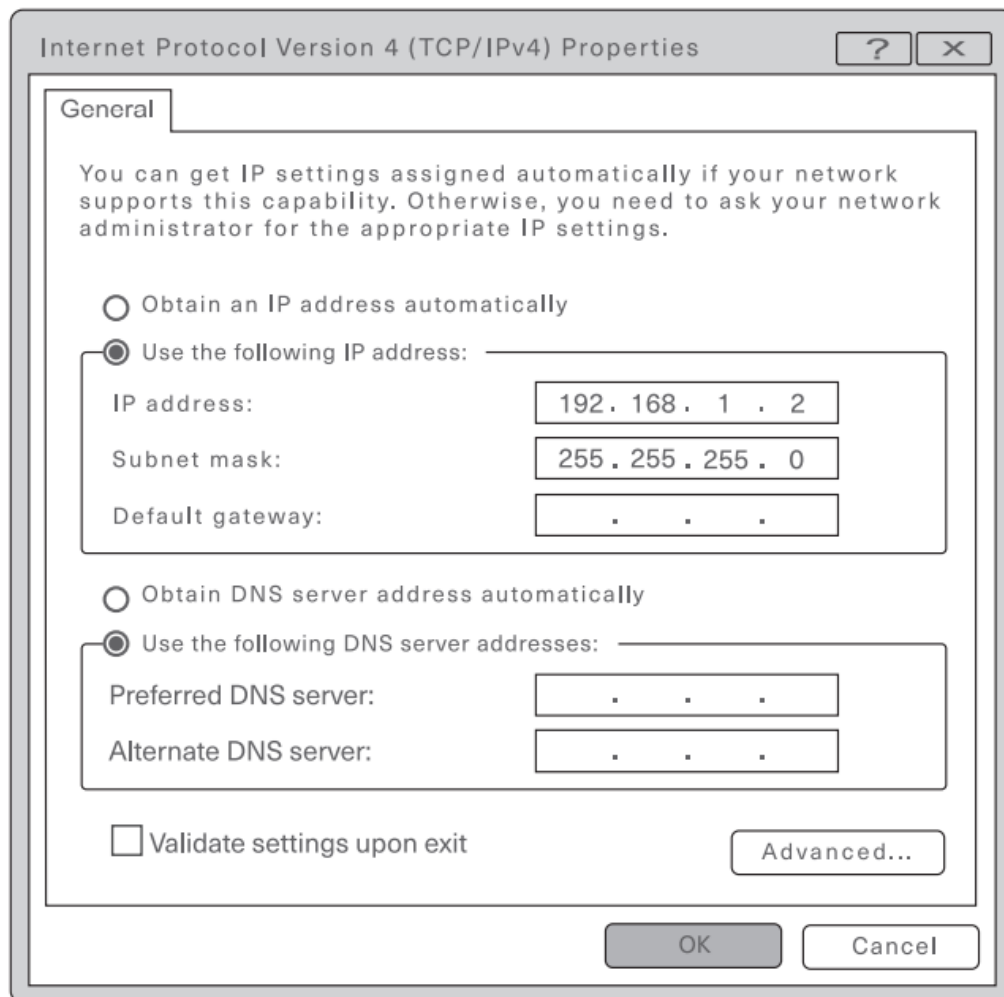

WARNING: Do not install the power cord while the power is on.

Configuring the Switch

Configuring the Switch Using the Web-Based Interface

1. **Step 1**: Connect a computer to the Ethernet port of the switch using the network cable.
2. **Step 2**: Set the IP address of the computer to 192.168.1.x ("x" is any number from 2 to 254).
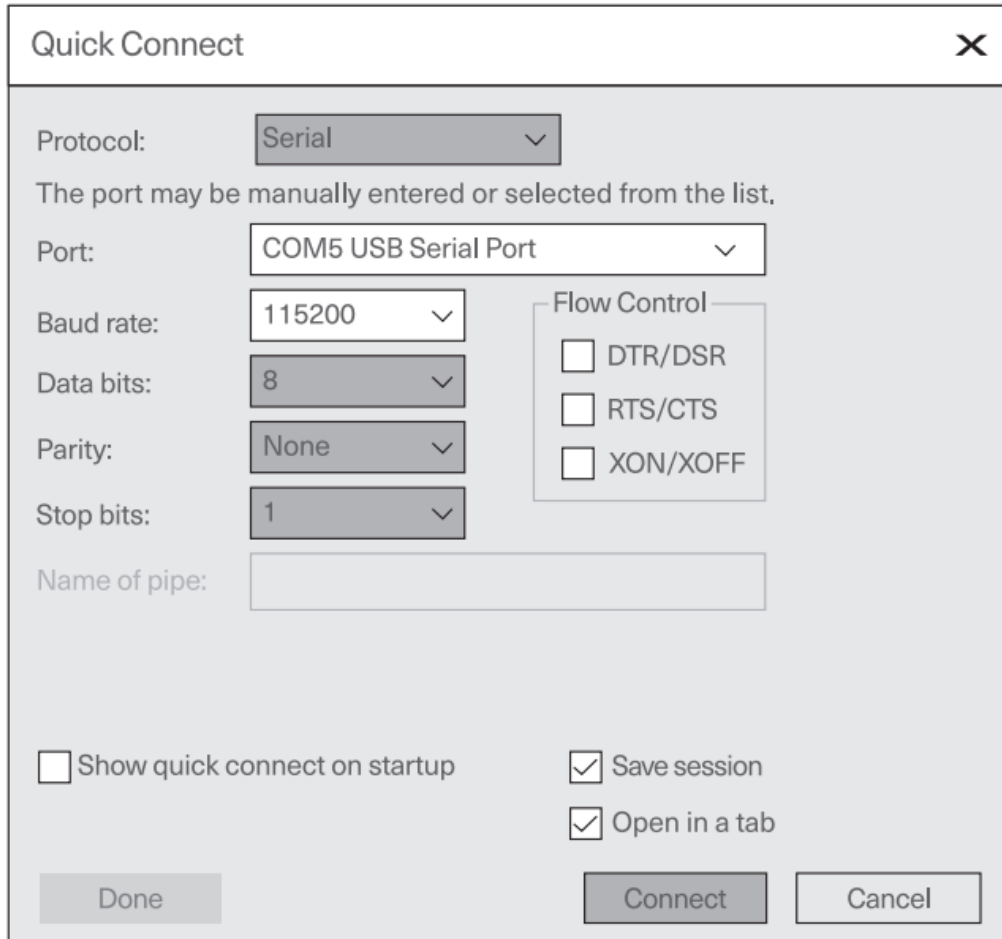

3. **Step 3**: Open a browser, type htlp://192.168.1.1 and enter the default username and password, admin/admin.
4. **Step 4**: Click Login to display the web-based configuration page.

Configuring the Switch Using the Console Port

1. **Step** 1: Connect a computer to the console port of the switch with the 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: Baud rate to 115200, Data bits to 8,

Parity to None, and Stop bits to 1.

4. **Step** 4: After setting the parameters, click Connect to enter.

Troubleshooting

The Power Module Cannot Supply Power

All LEDs on the front panel of the switch, the fan module and the panel of the power module are off. The fan does not work. First disconnect the power cord of the power module, then check the following:

1. Whether the cable connections of the rack are correct.
2. Whether the connection between the power socket and the power cord is loose.
3. Whether the connection between the power module and the power cord is loose.
4. Whether the power module inserts into place.

Connecting the Switch Remotely Unsuccessfully

1. Test network connectivity through ping.
2. If the network is reachable, try restarting the switch.

3. Check whether the corresponding service is enabled.

The Optical Port Cannot Link Up

1. Check whether the receiving and delivering ends of the fiber optical cable connect correctly.
2. Check whether the wavelengths of transceivers of the interconnection are the same.
3. Check whether the distance of the interconnection is within the distance marked by the transceiver.
4. Check whether the rates of the interconnection are the same or whether the mode of the port rate is configured correctly for ports that support different rates.
5. Check whether the optical fiber type meets the requirements.

No Characters/Distorted Characters are Displayed on the Screen of the Terminal Device

1. Check whether the console cable is correctly connected.
2. Check whether the console cable is broken.
3. Check whether the console port of the switch is the same as the port of the terminal device.
4. Check whether the console port conguration of the terminal device is correct.

Product Warranty

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 Warranty: The products enjoy a 5-year limited warranty against defects 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

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Documents / Resources

FS S3240C Series Switches 24-Port Gigabit Ethernet [pdf] User Guide S3240C Series Switches 24-Port Gigabit Ethernet, S3240C Series, Switches 24-Port Gigabit Ethernet, 24-Port Gigabit Ethernet, Gigabit Ethernet, Ethernet

References

- [User Manual](#)

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🏷️ 24 Port Gigabit Ethernet, Ethernet, FS, Gigabit Ethernet, S3240C Series, S3240C Series Switches 24-Port Gigabit Ethernet, Switches 24-Port Gigabit Ethernet

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