Sophos CS210-8FP

Sophos CS210-8FP Switch User Manual

Model: CS210-8FP

1. Product Overview

The Sophos CS210-8FP is an 8-port network switch designed for robust and efficient network connectivity. It features eight 2.5 Gigabit Ethernet ports with full Power over Ethernet (PoE) capabilities, providing both data and power to connected devices such as IP cameras, wireless access points, and VoIP phones. This switch is suitable for various network environments requiring high-speed data transfer and reliable power delivery.
Key features include:

- 8 x 2.5 Gigabit Ethernet ports for high-speed connections.
- Full Power over Ethernet (PoE) support on all 8 ports.
- Designed for reliable performance in various network setups.

2. Safety Information

Please read all safety instructions carefully before installing or operating the Sophos CS210-8FP Switch. Failure to follow these guidelines may result in injury, damage to the device, or property damage.

- **Power Source:** Use only the provided power cord and connect the device to a grounded power outlet. Ensure the voltage matches the device's requirements.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the device to prevent overheating.
- **Environment:** Operate the switch in a dry, well-ventilated area, away from direct sunlight, heat sources, and excessive moisture.
- **Handling:** Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- **Servicing:** Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.

3. Package Contents

Verify that all items are present in the package. If any item is missing or damaged, contact your vendor immediately.

- Sophos CS210-8FP Switch

- US Power Cord (C28C1CSUS)
- Documentation (Quick Start Guide, Safety Information)
- Rackmount Kit (if applicable to your specific model variant)

4. Hardware Overview

4.1 FRONT PANEL

Image 4.1: Front view of the Sophos CS210-8FP Switch, showing the console port, LED indicators, eight 2.5G Ethernet ports, and four SFP+ ports.

- **Console Port:** RJ-45 port for local management and configuration.
- **Power LED:** Indicates the power status of the device.
- **Link/Activity LEDs (Ports 1-8):** Indicate network link status and data activity for each 2.5G Ethernet port.
- **PoE LEDs (Ports 1-8):** Indicate Power over Ethernet status for each 2.5G Ethernet port.
- **2.5G Ethernet Ports (1-8):** RJ-45 ports supporting 2.5 Gigabit Ethernet with full PoE.
- **SFP+ Ports (9-12):** Four SFP+ ports for high-speed fiber or copper uplink connections.

4.2 REAR PANEL

Image 4.2: Rear view of the Sophos CS210-8FP Switch, showing the power input connector.

- **Power Input:** Connector for the AC power cord.
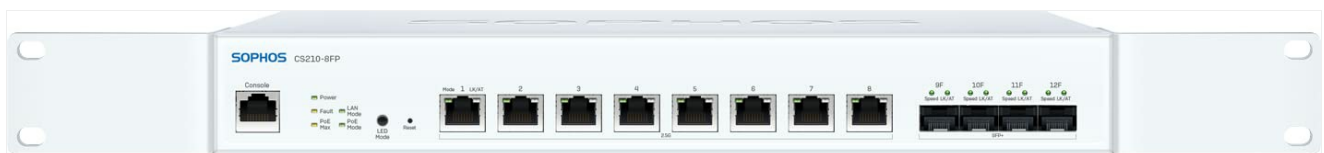
4.3 RACK MOUNTING (OPTIONAL)

Image 4.3: Front view of the Sophos CS210-8FP Switch with rackmount ears attached, indicating its suitability for rack installation.

The Sophos CS210-8FP Switch can be installed in a standard 19-inch equipment rack using the provided rackmount kit. Attach the rackmount ears to the sides of the switch using the screws provided, then secure the switch into the rack.

5. Setup and Installation

5.1 UNPACKING

1. Carefully remove the switch and all accessories from the packaging.
2. Inspect the device for any signs of damage. Report any damage to your vendor immediately.
3. Retain the packaging for future transport or storage.

5.2 MOUNTING THE SWITCH

The switch can be placed on a desktop or mounted in a standard 19-inch equipment rack.

Desktop Placement:

- Place the switch on a flat, stable surface.
- Ensure adequate space around the device for proper ventilation.

Rack Mounting:

1. Attach the two rackmount ears to the sides of the switch using the screws provided in the rackmount kit.
2. Align the switch with an available U-space in your 19-inch equipment rack.
3. Secure the switch to the rack using appropriate rack screws (not typically included with the switch).

5.3 CONNECTING POWER

1. Connect the provided US power cord to the power input connector on the rear panel of the switch.
2. Plug the other end of the power cord into a grounded electrical outlet.
3. The Power LED on the front panel should illuminate, indicating the switch is receiving power.

5.4 NETWORK CONNECTIONS

Connecting Devices to 2.5G Ethernet Ports:

- Use standard Ethernet cables (Cat5e or higher) to connect your network devices (e.g., computers, servers, access points) to the RJ-45 ports (1-8) on the front panel.
- For devices requiring Power over Ethernet (PoE), ensure they are PoE-compatible. The switch will automatically detect and provide power.
- Observe the Link/Activity and PoE LEDs for connection status.

Connecting to SFP+ Ports:

- Insert compatible SFP+ transceivers into the SFP+ ports (9-12).
- Connect fiber optic or direct attach copper cables to the transceivers as required for your uplink or high-speed connections.

5.5 INITIAL CONFIGURATION

For initial configuration and advanced settings, refer to the Sophos CS Series Switch Management Guide. Typically, this involves connecting to the console port via a serial cable and using a terminal emulator, or accessing the web-based management interface via a connected network device.

6. Operation

6.1 POWERING ON/OFF

- **Power On:** Connect the power cord to the switch and a power outlet. The switch will power on automatically.
- **Power Off:** Disconnect the power cord from the electrical outlet.

6.2 LED INDICATORS

The front panel LEDs provide visual status of the switch's operation:

- **Power LED:**

- **Solid Green:** Device is powered on and operating normally.
- **Off:** Device is powered off or not receiving power.

- **Link/Activity LEDs (per port):**

  - **Solid Green:** A valid network link is established.
  - **Flashing Green:** Data activity is occurring on the port.
  - **Off:** No network link detected.

- **PoE LEDs (per port):**

  - **Solid Green:** PoE power is being supplied to the connected device.
  - **Flashing Green:** PoE fault or overload condition.
  - **Off:** No PoE device connected or PoE is not active.

7. Maintenance

7.1 CLEANING

- Ensure the device is powered off and disconnected from the power source before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces of the switch.
- Do not use liquid or aerosol cleaners, as they may damage the device.
- Keep ventilation openings clear of dust and debris.

7.2 FIRMWARE UPDATES

Regularly check the Sophos support website for the latest firmware updates. Keeping the firmware updated ensures optimal performance, security, and access to new features. Follow the instructions provided with the firmware update package for proper installation.

8. Troubleshooting

This section provides solutions to common issues you might encounter with the Sophos CS210-8FP Switch.

8.1 NO POWER

- **Check Power Cord:** Ensure the power cord is securely connected to both the switch and the electrical outlet.
- **Verify Outlet:** Test the electrical outlet with another device to confirm it is functional.
- **Power LED:** Confirm the Power LED on the front panel is illuminated. If not, recheck connections.

8.2 NO NETWORK LINK

- **Check Ethernet Cable:** Ensure the Ethernet cable is securely connected to both the switch port and the network device. Try a different cable.
- **Verify Device:** Ensure the connected network device is powered on and functioning correctly.
- **Link/Activity LED:** Check if the Link/Activity LED for the corresponding port is solid green. If not, there is no active link.
- **Port Configuration:** If managing the switch, verify the port is enabled and correctly configured.

8.3 POE NOT FUNCTIONING

- **Check PoE Device:** Ensure the connected device is PoE-compatible and requires power from the switch.
- **PoE LED:** Check if the PoE LED for the corresponding port is solid green. If it's off, PoE is not being delivered. If flashing, there might be a fault or overload.
- **Power Budget:** Verify that the total power consumption of all connected PoE devices does not exceed the switch's maximum PoE power budget.
- **Cable Quality:** Use high-quality Ethernet cables (Cat5e or higher) for PoE connections.

If you are unable to resolve an issue after following these steps, please contact Sophos technical support or your authorized reseller for assistance.

9. Specifications

Feature	Description
Model	CS210-8FP
Brand	Sophos
Number of Ports	8 x 2.5G Ethernet (RJ-45) with Full PoE, 4 x SFP+
Connector Type	RJ-45, SFP+
PoE Support	Full PoE on all 8 RJ-45 ports
Operation Mode	Manual (referring to initial setup, not ongoing operation)
Control Method	Touch (e.g., for reset button)
Connectivity Protocol	Ethernet
International Protection Rating	IP54

Note: Specifications are subject to change without notice. Refer to the official Sophos website for the most current information.
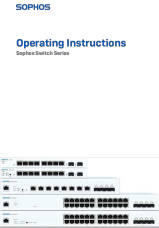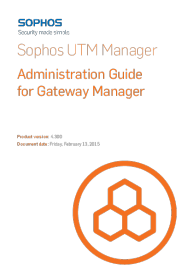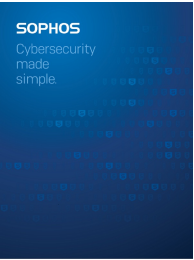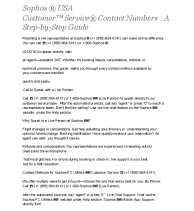
10. Warranty and Support

The Sophos CS210-8FP Switch typically includes a 1-year support and services package. For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the official Sophos website.

Technical Support: For technical assistance, troubleshooting, or service requests, please contact Sophos support through their official channels. Have your product model and serial number ready when contacting support.

Extended Protection: Additional protection plans may be available from your vendor. Consult your reseller for options regarding extended warranties or service agreements.

You can find more information and resources on the official Sophos website:www.sophos.com

Related Documents - CS210-8FP

[Sophos Switch Series Quick Start Guide](#)

A concise guide to connecting, configuring, and managing Sophos Switch Series network devices, covering hardware setup, network connection, and initial configuration steps.

[Sophos Switch Series Operating Instructions](#)

Comprehensive operating instructions for the Sophos Switch Series, covering installation, configuration, LED status, and technical specifications for various models.

[Sophos UTM Manager Administration Guide for Gateway Manager](#)

Comprehensive administration guide for Sophos UTM Manager (SUM) version 4.300, detailing setup, configuration, monitoring, maintenance, and reporting for Sophos gateway products. Essential for managing network security infrastructure.

[Sophos APX Series Access Point Quick Start Guide (APX 320/530/740)](#)

Quick Start Guide for Sophos APX Series Access Points (APX 320, APX 530, APX 740). Learn how to deploy, mount, connect, configure, and troubleshoot your access point.

[Sophos Migration Assistant: SG/UTM to XG Firewall Migration Guide](#)

This guide provides detailed instructions and best practices for migrating Sophos SG/UTM firewall configurations to the advanced Sophos XG Firewall platform using the Sophos Migration Assistant tool. Learn about prerequisites, conversion processes, and potential limitations for a smooth transition.

[Sophos Customer Service Contact Guide: Reach Live Support Easily](#)

A step-by-step guide to contacting Sophos customer service, including phone numbers, live chat, app support, and email options for quick resolution of booking, technical, or refund issues.