

Cisco SRW2008-K9-NA

Cisco SG300-10 10-Port Gigabit Managed Switch User Manual

Model: SRW2008-K9-NA

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Cisco SG300-10 10-Port Gigabit Managed Switch. The Cisco SG300-10 is a high-performance Layer 3 managed switch designed for small businesses, offering advanced features for network control and security. It includes 8 Gigabit Ethernet ports and 2 combo Gigabit SFP ports, supporting both copper and fiber connections.

Please read this manual thoroughly before attempting to install or operate the device to ensure proper functionality and to prevent damage.

2. SAFETY INFORMATION

Observe the following safety precautions to avoid injury and prevent damage to the device:

- Ensure the power source voltage matches the device's requirements.
- Do not expose the device to water or excessive humidity.
- Avoid blocking ventilation openings to prevent overheating.
- Do not open the device casing; refer all servicing to qualified personnel.
- Use only approved power adapters and cables.

3. SETUP

3.1 Unpacking

Carefully remove the switch and all accessories from the packaging. Verify that all components listed in the packing list are present and undamaged. Retain the packaging for future transport or storage.

3.2 Physical Installation

The Cisco SG300-10 switch can be installed on a desktop or rack-mounted.

Desktop Placement:

- Place the switch on a flat, stable surface.
- Ensure adequate ventilation around the device.
- Keep the switch away from strong electromagnetic fields.

Rack Mounting:

Attach the provided rack-mount brackets to the sides of the switch using the included screws. Secure the switch into a standard 19-inch equipment rack.

3.3 Connecting Power

Connect the power cord to the power input on the rear panel of the switch and then to a grounded electrical outlet. The System LED on the front panel will illuminate when power is supplied.

3.4 Connecting Network Cables

Connect Ethernet cables from your network devices (computers, servers, other switches) to the RJ-45 ports on the front panel. For fiber connections, insert SFP modules into the combo Gigabit SFP ports (G9, G10) and connect fiber optic cables. The front panel of the Cisco SG300-10 switch features 8 Gigabit Ethernet ports (1-8) and 2 combo Gigabit SFP ports (G9, G10). Each RJ-45 port has a Link/Act LED indicator. The switch also includes a System LED and a Reset button.



Figure 1: Front view of the Cisco SG300-10 10-Port Gigabit Managed Switch. The image displays the front panel of the black-colored switch, showing the Cisco logo on the left, a System LED and Reset button, eight RJ-45 Ethernet ports labeled 1 through 8, and two combo Gigabit SFP ports labeled G9 and G10. Each RJ-45 port has a Link/Act indicator. The top of the switch also features the 'Cisco Small Business' branding.

3.5 Initial Configuration Access

The switch can be configured via a web-based interface or a command-line interface (CLI) through the console port (if available on this model) or Telnet/SSH.

- **Web-based Interface:** Connect a computer to any of the switch's Ethernet ports. Configure your computer's IP address to be in the same subnet as the switch's default IP address (refer to the Quick Start Guide for default IP). Open a web browser and enter the switch's IP address.
- **CLI:** For advanced users, connect a console cable to the console port (if present) and use a terminal emulation program.

4. OPERATING

4.1 LED Indicators

- **System LED:** Indicates the operational status of the switch. Green for normal operation.
- **Link/Act LEDs (per port):**
 - Solid Green: A valid link is established.

- Flashing Green: Data activity on the port.
- Off: No link or port is disabled.
- **PoE LEDs (if applicable):** Indicates Power over Ethernet status for PoE-capable ports.

4.2 Basic Network Connectivity

Once powered on and connected, the switch will automatically establish links with connected devices. For basic plug-and-play operation, no further configuration may be immediately required. For advanced network management, refer to the full Cisco documentation for detailed configuration guides.

4.3 Management Interface

The web-based management interface allows you to configure various network settings, including VLANs, Quality of Service (QoS), security features, port mirroring, and more. Log in using the default credentials (refer to the Quick Start Guide) and change them immediately for security.

5. MAINTENANCE

5.1 Firmware Updates

Periodically check the Cisco website for firmware updates. Updating the firmware can provide new features, performance improvements, and security patches. Follow the instructions provided with the firmware update package carefully.

5.2 Configuration Backup and Restore

It is highly recommended to regularly back up your switch's configuration. This allows for quick restoration of settings in case of a device failure or misconfiguration. The management interface provides options to save and load configuration files.

5.3 Cleaning

Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners. Ensure the ventilation openings remain free of dust and debris.

6. TROUBLESHOOTING

6.1 No Power

- Verify the power cord is securely connected to both the switch and the power outlet.
- Check if the power outlet is functional by plugging in another device.

6.2 No Link on a Port

- Ensure the Ethernet cable is properly connected at both ends.
- Test with a different Ethernet cable.
- Verify the connected device is powered on and functioning correctly.
- Check the port status in the switch's management interface.

6.3 Network Connectivity Issues

- Confirm IP address settings on connected devices and the switch.
- Check for conflicting IP addresses on the network.
- Review VLAN configurations if they are in use.

6.4 Resetting the Device

To perform a factory reset, press and hold the Reset button on the front panel for approximately 10-15 seconds while the switch is powered on. This will restore the switch to its default factory settings, erasing all custom configurations.

7. SPECIFICATIONS

Feature	Specification
Model Number	SRW2008-K9-NA
Brand	Cisco
Description	Cisco Small Business SG300-10 - Switch - L3 - managed - 8 x 10/100/1000 2 x combo Gigabit SFP - rack-mountable
Number of Ports	10 (8 x 10/100/1000, 2 x combo Gigabit SFP)
Interface Type	SFP
Data Transfer Rate	1000 Megabits Per Second
Item Weight	4.9 pounds
Package Dimensions	17.4 x 12.6 x 5.08 inches
Case Material	Metal
UPC	882658295645

8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, and additional resources, please refer to the official Cisco website or contact your authorized Cisco reseller. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question