Cisco WS-C2940-8TT-S

Cisco Catalyst WS-C2940-8TT-S 8 Port 10/100 Switch User Manual

Model: WS-C2940-8TT-S | Brand: Cisco

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Cisco Catalyst WS-C2940-8TT-S 8 Port 10/100 Switch. This device is designed for use in end-user workspaces, offering a durable metal shell, silent operation due to its fanless design, and flexible mounting options. It includes a security lock slot and cable guard for enhanced physical security.
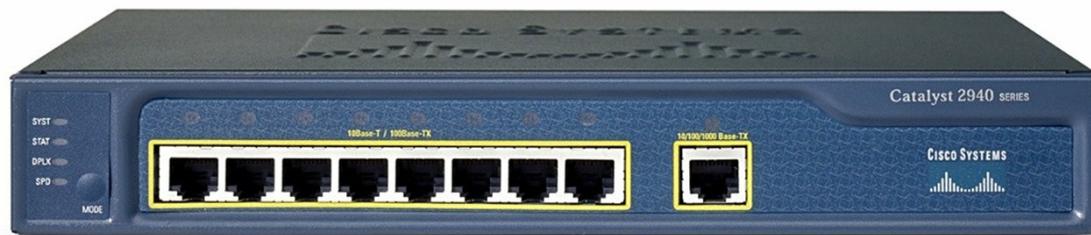
Figure 1: Front view of the Cisco Catalyst WS-C2940-8TT-S Switch, showing the 8 Fast Ethernet ports and status indicators.

SETUP

1. Unpacking

- Carefully remove the switch from its packaging.
- Verify that all components are present and undamaged. Report any damage to your supplier immediately.

2. Physical Installation

The WS-C2940-8TT-S switch is designed for flexible placement, including wall or under-the-desk mounting.

- **Mounting Location:** Choose a location that is dry, well-ventilated, and within the specified operating temperature range (up to 40 degrees Celsius).
- **Mounting:** Use appropriate screws and anchors for wall or under-desk mounting. Ensure the switch is securely fastened.
- **Security:** Utilize the integrated security lock slot and cable guard to prevent unauthorized removal or tampering.

3. Network Connections

- Connect your network devices (computers, servers, printers) to the 8 Fast Ethernet (10/100 Mbps) RJ45 ports using standard Ethernet cables.
- Ensure cables are securely seated in the ports.

4. Power Connection

- Connect the power adapter to the switch's power input.
- Plug the power adapter into a suitable electrical outlet.
- The switch will power on automatically. Observe the LED indicators for initial status.

OPERATING INSTRUCTIONS

Basic Operation

The Cisco Catalyst WS-C2940-8TT-S is a managed Layer 2 switch. Once powered on and connected, it will automatically begin forwarding network traffic between connected devices. It supports VLANs for network segmentation.

LED Indicators

The switch features LED indicators to provide status information for power, system activity, and individual port status. Refer to the detailed product documentation for a complete explanation of each LED's behavior.

- **System LED:** Indicates overall switch status (e.g., power on, system OK).
- **Port LEDs:** Indicate link status and activity for each Fast Ethernet port.

Management Interface

As a managed switch, the WS-C2940-8TT-S can be configured and monitored through a command-line interface (CLI) or a web-based interface (if supported by the specific firmware version). Consult the Cisco documentation for detailed instructions on accessing and configuring the management interface, including VLAN setup and other advanced features.

MAINTENANCE

Cleaning

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

Environmental Considerations

- Operate the switch within its specified temperature range (up to 40°C).
- Avoid exposing the switch to excessive moisture or direct sunlight.

TROUBLESHOOTING

No Power

- Verify that the power adapter is securely connected to both the switch and a working electrical outlet.

- Check the power outlet with another device to ensure it is functional.
- Inspect the power adapter and cable for any visible damage.

No Network Connectivity

- Ensure Ethernet cables are properly connected to both the switch ports and the network devices.
- Check the port LEDs on the switch. A solid green or amber light typically indicates a link, while a blinking light indicates activity. No light may indicate a cable issue or a problem with the connected device.
- Verify that the connected network devices are powered on and configured correctly.
- If using advanced configurations (e.g., VLANs), ensure the switch configuration is correct.

SPECIFICATIONS

Feature	Detail
Model Number	WS-C2940-8TT-S
Brand	Cisco
Number of Ports	8
Interface Type	RJ45
Data Transfer Rate	10/100 Megabits Per Second (Fast Ethernet)
Upper Temperature Rating	40 Degrees Celsius
Case Material	Metal (Durable metal shell)
Product Dimensions	6.42 x 10.6 x 1.55 inches
Item Weight	5.5 pounds (2.5 Kilograms)
Included Components	Security lock slot, Cable guard

WARRANTY AND SUPPORT

This product is noted to have been previously used and is being resold by a third party. As such, direct manufacturer warranty information may not apply. Please consult your reseller for any specific warranty or return policies.
For technical support and detailed product documentation, including advanced configuration guides, please refer to the official Cisco support website and resources for the Catalyst 2940 series switches.