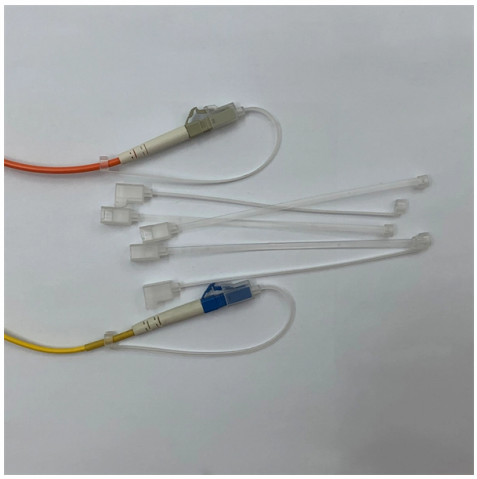
Switch port 5 has no light display



Overview

If the link LEDs light up properly with the loop test, that means the Ethernet ports of the switch are working fine.

Key Takeaways

A switch port with no LED activity may indicate a faulty port, a cable issue, or a device negotiation problem.

Initial Checks

Verify Power and Boot: Ensure the switch is powered on and has completed its boot process. The power LED should be steady or blinking briefly during startup. Check the Device: Confirm that the device connected to port 5 is powered on and functioning properly.

Cable and Connection Testing

Use a Known Good Cable: Connect a high-quality, standard Ethernet cable (Cat5e or Cat6) to port 5 and another port on the switch.

If the LE

D lights up, the original cable may be faulty. Loopback Test: Disconnect all other devices and connect port 5 to another port on the same switch using a good cable. If both LEDs light up, the port is likely functional.

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Device and Speed Negotiation

Force NI

C Settings: On the connected device, try setting the network interface card (NIC) to 10 Mbps half-duplex to test if the LED responds. Some unmanaged switches may fail to negotiate speed with certain NICs. Test with Different Devices: Connect a different computer or network device to port 5 to rule out device-specific issues.

Firmware and Known Issues (Managed Switches)For managed switches like Cisco 9200 series, LED inactivity can sometimes be caused by firmware bugs. Check logs and update to the latest firmware if applicable.

When to Consider Hardware Failure

If the port LED does not light up after testing with multiple cables and devices, and other ports function normally, port 5 may be defective. For unmanaged switches, there is typically no reset option, and the switch may need to be replaced under warranty.

Summary

Confirm switch power and boot completion. Test port 5 with a known good cable and device.

Force NI

C speed settings if necessary. Test with multiple devices to rule out device-specific issues.

If the LE

D still does not light, contact the manufacturer for warranty replacement or support. Following these steps should help identify whether the issue is due to a cable, device, or switch port failure and guide you toward a resolution.

Article Content

TL-SG105s no lights on the network ports

If the link LEDs light up properly with the loop test, that means the Ethernet ports of the switch are working fine. It could be the cable or negotiation issue, you may read the following guide

Resolving problems with unlit indicator lights on a Linksys switch

In this article, you''ll learn about some of the reasons why the indicator lights on your switch don''t light up when you connect a computer and how to fix them.

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Switch LEDs

Each Ethernet port, 1-Gigabit Ethernet module slot, and 10-Gigabit Ethernet module slot has a port LED. These port LEDs, as a group or individually, display information about the switch and about the

Network Port Lights Meaning: Troubleshooting Ethernet LEDs

Understand what green, orange, and blinking lights on Ethernet ports indicate. Step-by-step guide to diagnose and troubleshoot network connectivity issues.

Nintendo Switch System Has No Power, a Blank Screen, or Won''t

Use this article when a Nintendo Switch system won''t turn on, the screen stays black or off, or the system stays stuck in sleep mode.

What can I do if the Ethernet LED indicators on the Unmanaged

Our unmanaged switch works in auto-negotiation mode which usually requires that the PC''s NIC also negotiates the speed automatically---If no, they might not have a common speed to work

Resolving problems with unlit LED indicators on a Linksys switch

To check if the cable is working or not, try connecting the cable from one (1) port on the switch to another and check if the corresponding LED port status indicators lit up.

Interpreting LED activity

The status LEDs can display solid amber or flash during boot, POST, or other diagnostic tests. This is normal; it does not indicate a problem unless the LEDs do not indicate a healthy state after all boot

Network Switch Troubleshooting Guide: Common Problems and

Inspect LED indicators: Observe the LED status on the switch ports. Typically, the Link/Activity LED should be lit, indicating activity is occurring. Check for any power indicator lights on

Interpreting LED activity

System activity and status can be determined through the activity of the LEDs on the switch. The status LEDs can display solid amber or flash during boot, POST, or other diagnostic tests. This is normal; it

Question: Have you ran into a switchport that''s LED shows as ...

I assure you, it happened. Logged into the switch: No err-disable logs, port and protocols showed as up, logs reported no issues relating to that port. I''ve heard of ports going bad, but this is my first time

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What can I do if the Ethernet LED indicators on the Unmanaged Switch ...

Reason 1 The switch itself Please do a test: power on the switch---- use a good quality cable to connect two Ethernet ports (port 7 and port 5 for example, as shown below) on the switch

Understanding LEDs on Network Switches

A Member is a stackable switch that operates as an additional unit within the stack. A stack port is a port on the switch that is used to communicate with other switches in the stack. Depending

Switch Port Configuration and Troubleshooting

No light —The link is not working, or the port is shut down. Blinking amber —A fault has been detected (duplex mismatch, excessive collisions, or

What Do The Lights Mean On A Network Switch

Understand the meaning of the lights on a network switch. Learn how to interpret the status indicators for efficient troubleshooting and network management.

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Interpreting Port-Side LEDs

Interpreting Port-Side LEDs System activity and status can be determined through the activity of the LEDs on the switch. A single tricolor LED for each SFP-DD indicates the port status. When the SFP

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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