

# Huijue C9300 does not recognize optical module



## Overview

Remove and reinstall the optical module. If the fault persists, collect log information and contact Huawei technical support personnel. The device management or driver software has a bug. The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the. Huawei switches using non-certified optical module may not be able to read the information, can not guarantee the accuracy of the information read, recommend the use of Huawei certified optical switch module. After removing the c9300-nm-8x 10Gb module and re-installing the previously. Unresponsive or non-working SFP (Small Form-Factor Pluggable) ports on Cisco Catalyst 9300 switches are a frequent challenge in enterprise network environments. Symptoms include ports showing a status of "down, notconnect" or no link light activity despite proper physical connections and basic. Customers in the use of optical modules will more or less encounter a variety of failure problems, such as optical module model selection is correct, the use of jumper is correct and some common problems, customers have the ability to judge and have a clear solution, but for some of the use of.

## Article Content

### Troubleshooting Guidelines for Optical Modules

Remove and reinstall the optical module. If the fault persists, replace the optical module with a normal one of the same type to check whether the optical module is faulty. If the fault persists, collect log

### How to Fix: Cisco 9300 SFP Port Not Working?

Troubleshoot Cisco Catalyst 9300 SFP ports not working with step-by-step CLI commands, compatibility checks, and NM-8X LED status explanations.

### Verify and Troubleshoot Stackwise on Catalyst 9200/9300

This document describes how to troubleshoot common failure scenarios in Stackwise deployments of Catalyst 9200/9200L and 9300/9300L.

### Cisco C9300 Network Module

So I bought a C9300-24UX-A for my homelab (not new). It came with a C9300-NM-4G and I also bought a C9300-NM-2Y (dual sfp28) however I cannot get either module to show up in suing "show

### Cisco Catalyst 9200 & 9300 Hardware Compatibility Matrix

Looking for compatible modules, power supplies, or optics for Cisco Catalyst 9200 or 9300? Here's a quick compatibility overview: This guide provides a complete compatibility reference

### View the Optical Module Status on a Switch through the

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for

### Displaying Optical Module Information

The optical module design does not comply with the EMC, its anti-electromagnetic interference capability is low, and the optical module brings electromagnetic interference to surrounding devices.

### Case Study: An Optical Module Does Not Transmit Optical Signals

Use an optical power meter to measure the transmit power of the optical module. If the transmit power of the optical module is not in the normal range, replace the optical module.

### The optical link doesn't work

Hi, everyone! I have problem with optical link (1000SX) on Cisco Catalyst 9300 (C9300-48T). This switch C9300 uses GLC-SX-MMD transceiver but port don't up. Confuguretion this port:

## Cisco Catalyst 9300 Stack Detection Failure | CLI Commands & Fixes

This failure degrades stack redundancy and can cause network segmentation or downtime if not corrected promptly. (Optional visual suggestion: diagram of a 3-switch stack with one disconnected)

## Cisco Catalyst 9300 Stack Detection Failure | CLI

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## Cat 9300 not registering 8 port 10Gb module

After removing the c9300-nm-8x 10Gb module and re-installing the previously working c9300-nm-4g module, it then also would not initialize via hot swap. It was necessary to power off and

## Checking Whether Optical Module Types Match

Replace it with a Huawei-certified optical module. If an LOS alarm is displayed in the Alarm information field, the local interface does not receive any optical signal from the remote interface. The remote

## Optical Module: Typical Optical Module Troubleshooting Procedure

If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interfaceGigabitEthernet x/x/x command to

## Addressing SFP Failures: Fix Your Malfunctioning SFP

If it does not recognize the SFP Module, verify your module just isn't inserted upside down. Additionally, check the module slot for any problems and

## Replacing an Optical Module

Install or remove optical fibers carefully to avoid damage to fiber connectors. Optical modules are electrostatic-sensitive components; therefore, you must take ESD protective measures when

## How To Read Optical Module Information On Huawei Switches

The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the connected optical module on a

## Cisco Catalyst 9300 Series Switches Hardware Installation Guide

The C9300 and C9300X switch models support optional hot-swappable network modules that provide uplink ports to connect to other devices. The C9300L switches provide fixed uplink ports that support

## How To Enable Support For Third-Party Modules On

By default, Cisco switches perform authenticity validation on inserted optical modules. If a module is identified as non-Cisco original, the switch may

Cisco C9300 Network Module : r/Cisco

So I bought a C9300-24UX-A for my homelab (not new). It came with a C9300-NM-4G and I also bought a C9300-NM-2Y (dual sfp28) however I cannot get either module to show up in suing "show

## Troubleshooting for Optical Modules on Huawei Switch

Check whether the optical module is Huawei-certified. If it is not certified by Huawei, replace it with a Huawei certified one. Remove and reinstall the optical module. If this resolves the

Copper SFP on C9300 not working : r/networking

10G copper SFPs are not supported on the Cisco 9300s. It'll take some digging, but google "Cisco compatibility matrix". Once there, in the search box, type the name of the 10G SFP (drawing a blank

## Troubleshoot Fiber Links on Catalyst 9000 Series Switches

This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic module and cabling specifications.

Huawei enterprise switches

Huawei switches using non-certified optical module may not be able to read the information, can not guarantee the accuracy of the information read, recommend the use of Huawei certified optical

9200/9300 old transceiver compability

Hello all, simple question, maybe someone had this kind of issue. - does old transceivers GLC-SX-MM ani GLC-LH-SM using OM1 cable will work with new 9200/9300 with appropriate

What Can I Do If a Message Is Displayed Indicating that an Optical ...

This field indicates whether the rate of the optical module installed on the port matches the port rate. For example, if a non-XGE optical module is installed on an XGE port, the rate of the optical module

Cisco Catalyst 9300 Series Switches Hardware

A module must be in the uplink slot at all times. Do not remove the dust plugs from the pluggable transceivers or the rubber caps from the fiber

Optical module common faults and solutions

In this article, we will focus on teaching you how to troubleshoot and solve the common three categories of optical module failure. First, the transmission class of the optical module fault

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.boxesgaramella-andria.it>

Email: [sales@boxesgaramella-andria.it](mailto:sales@boxesgaramella-andria.it)

Phone: +39 331 584 7291

Address: Via delle Industrie, 15, 20154 Milano, Italy

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