

Huawei optical module not in place alarm



Article Overview

The "Huawei optical module not in place" alarm typically indicates that the optical module is either not securely installed, faulty, or not Huawei-certified.

Common Causes

- **Improper Installation:** The optical module may not be fully seated in the port, causing the system to detect it as absent or invalid .
- **Faulty Module:** The module itself may have a defective laser transmission circuit or abnormal transmit/receive optical power .
- **Non-Huawei or Non-Certified Module:** Huawei devices perform authentication on optical modules. Third-party or early-delivered Huawei modules may trigger alarms even if they function normally .
- **Contaminated Optical Bores:** Dust or dirt on the module's optical interface can reduce optical power and trigger alarms .

Troubleshooting Steps

- **Check Installation:** Remove and reinstall the optical module to ensure it is properly seated .
- **Verify Optical Power:** Use an optical power meter or run commands like `display transceiver slot slot-id verbose` or `display interface transceiver verbose` to check transmit (Tx) and receive (Rx) power levels .
- **Clean Optical Bores:** If contamination is detected, clean the optical bores with a cotton swab and cover idle modules with dust caps .
- **Check Module Certification:** Confirm the module is Huawei-certified. If it is not, either replace it with a certified module or disable alarms for non-certified modules using commands like `transceiver non-certified-alarm disable` on supported switches...

Article Content

Common Non-Certified Optical Module Alarm Messages For Switches

Moduletek Laboratory has sorted out mainstream switch brands with customized compatibility restrictions, and

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Omdia, part of Informa TechTarget, Inc., is a global analyst and advisory leader that helps you connect the dots across the

LightCounting :: Cisco and Huawei are catching up with the leaders of ...

Cisco and Huawei were not far behind. Given their huge resources, Cisco and Huawei may become new leaders in the optics market

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

Huawei SmartAX EA5800 Series OLT | Huawei Enterprise

The SmartAX EA5800 multi-service access device is an intelligent distributed aggregation OLT platform intended for enterprise

ALM-135471444 hwOpticalUnauthorized_Common Alarms_V600

If the optical module is delivered by Huawei in the early stage, the system is not affected. If not, the optical module

Fix Internet Connection Issues

Unable to connect to the internet? Check your ONT, ONR, router, or mesh with our step-by-step troubleshooting guides and restore

PON Interface Configuration Commands

Usage Guidelines The display pon-transceiver interface pon command output includes the optical wavelength, identifier, transmission

How Huawei CE & S Series Switches Handle Non-Certified Optical

In past projects and testing experience, it was commonly believed that Huawei CE series switches would not generate alarms when

Pulling out the optical module and shutdown interface causes the alarm ...

Solve the problem of alarm indicator steady on by clear the alarm after it is confirmed that customer pull out the optical

LightCounting :: The TOP10 Transceiver Suppliers for

It also includes Huawei, since we reversed our policy of excluding DWDM modules manufactured by the

Huawei Optical Module Test Procedure

For example, the original optical module used for Huawei transmission does not necessarily have no alarm when it is used on

10GE SFP+ Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

Optical module fault Alarm Huawei OLT

With hands-on experience in Huawei OLT and ONT configuration, U2000 NMS deployment, iMaster NCE-FAN Lite

How To View Optical Transceiver Information On Huawei Switches

1. Transceiver identity information: model, wavelength, transmission distance, SN, manufacturer data stored in

RRU5502 (1800 + 2100)

The document provides technical specifications for the RRU5502 remote radio unit, including supported modes and

Optical Transmission

Application Scenarios Industry Optical Communication Network Huawei's Industry Optical Communication Network uses the latest

Unlock Huawei OLT for Third-Party ONT Support

At Technical Hakim, we provide professional Huawei OLT unlocking services, third-party ONT integration, GPON

Release Notes

With LogicMonitor's SaaS based monitoring software platform, you always have access to new features as soon as they're released.

Why Are Alarms About Optical Modules That Are Not Certified for Huawei ...

Vendor information of optical modules early delivered from Huawei may not be recorded. Therefore, alarms about

How To Turn Off Alarms For Third-Party Modules On Huawei Switches

By default, numerous alarm messages will be generated when a non-original Huawei module is used. Huawei

Troubleshooting Guidelines for Optical Modules

If the optical module type does not match the interface (fault ID: 136203), check whether the optical module rate is

Optical Modules Fail to Communicate

If neither transmit nor receive power alarms are displayed on the two ends but the two interfaces are still down,

ALM-135462942 The optical module is invalid 136221

Replace the optical module, and check whether the alarm is cleared. If so, the alarm handling ends. If not, collect alarms, logs, and

Solved: Understanding TX RX light level

Solved: Hi, I hope someone could please help clarify TX and RX light level. This is the information i got from the CLI of

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