

H3C optical modules do not support viewing power



AI Overview

H3C optical modules may not support viewing optical power if the module is non-H3C, lacks digital diagnostic monitoring (DDM), or the device software does not support the feature. Reasons Optical Power Cannot Be Viewed

Non-H3C or Third-Party Modules H3C devices often restrict full functionality to certified H3C transceivers. If a third-party or non-H3C module is installed, the device may not display optical power or other diagnostic information. The system log may indicate that the transceiver is not H3C-compliant, and H3C does not guarantee normal operation for such modules.

Device or Software Limitations Some H3C switches or routers may not support reading optical power for certain module types or firmware versions. Checking the device's release notes or installation guide can confirm whether the current software version supports the installed transceiver.

Lack of Digital Diagnostic Monitoring (DDM) Optical modules must support DDM (also called DOM) to report transmit and receive power. Modules without DDM cannot provide optical power readings, even if physically compatible with the interface.

Hardware or Interface Issues Faulty optical interfaces, mismatched rates, or damaged connectors can prevent the device from reading module information. Ensuring the interface is operational and compatible with the module is essential.

How to Verify and Troubleshoot

Check Module Vendor: Use the command `display transceiver interface` to verify the Vendor Name field. Only H3C-certified modules reliably support power monitoring.

View Module Status: Run `show interface` to check link state, module type, and statistics. This confirms whether the module is recognized and operational.

Diagnostic Commands: On supported devices, commands like `display hardware internal transceiver register interface` or `display transceiver information interface` in probe view can collect detailed module...

Article Content

H3C User Manuals Download | ManualsLib

View & download of more than 5175 H3C PDF user manuals, service manuals, operating guides. Switch, Network Router user manuals, operating guides & specifications.

H3C S6805 SERIES TROUBLESHOOTING MANUAL Pdf Download

If the transceiver module is not operating correctly, replace it with an H3C transceiver module that matches the fiber port. For more information about transceiver modules and cables, see the

Optical Module Troubleshooting

Possible Causes The optical module installed on the optical interface is not certified for Huawei data center switches. The optical module type does not match the optical fiber type. Either or

H3C Transceiver Modules User Guide

Preface H3C Transceiver Modules User Guide describes the types, views, and specifications of transceiver modules and network cables available for H3C devices. The following topics are about the document.

How To Turn Off Alarms For Third-Party Modules On H3C Switches

When a third-party optical module is installed on an H3C switch, the module can normally link up, but port logs will display alarm messages indicating an uncertified non-H3C module.

H3C switch queries optical power

What we generally need to set are: the name of the switch, the management IP address (this may not be set), the login user and password, and the appropriate VLAN division.

How To View Optical Transceiver Information On H3C Switches

Optical transceivers are widely applied in switches, routers, network cards and other communication equipment. Querying transceiver parameters helps monitor real-time operation and

How To Turn Off Alarms For Third-Party Modules On H3C Switches

3. After disabling non-H3C authentication alarms, the module will continue to link up normally, and no uncertified module alarms will appear in port logs. Note: For third-party modules

H3C optical module cannot be used

To identify whether the transceiver module type matches the optical fibers, see H3C Transceiver Modules User Guide. If they do not match, replace the optical fibers.

FAQ-How Do I View the Transmit and Receive Optical Power of an Optical ...

Find technical support and knowledge resources for Huawei products, including detailed descriptions of hardware, modules, and more.

Displaying Optical Module Information

Displaying Optical Module Information You can use the display commands to view information about the optical module on an interface, including conventional information, manufacturing information, and

H3C Fixed-Port Campus Switches Troubleshooting Guide-6W104

If the transceiver module is not operating correctly, replace it with a H3C transceiver module that matches the fiber port. For more information about transceiver modules and cables, see

What Is an Optical Module and Its FAQs (V200)

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters, common types, and naming conventions of optical modules, causes of

Displaying Optical Module Information

The system does not support the query of the temperature, voltage, current, receive power, and transmit power of the optical module. If the transmit or receive power is NA, the interface does not have any

Contact Us

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

Website: <https://www.sabineamsee.co.za>

Email: info@sabineamsee.co.za

Phone: +27 82 415 6793

Address: Unit 7, Innovation Park, 34 Electron Road, Kempton Park, 1620,
South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

