

How to check if a Huijue optical module is working properly



Article Overview

You can verify a Huijue optical module by checking link status, optical power levels, and diagnostic information via CLI commands, along with physical inspection and compatibility checks.

Step 1: Verify Link Status

Use your switch or network device CLI to check the interface status. Run commands such as:

- `display interface` to view port rate, link status (UP indicates normal operation), and traffic statistics .
- `display interface brief` to see all ports and their current status . A link that is down or showing errors may indicate a faulty module or cable.

Step 2: Check Optical Module Information

Run commands to view detailed transceiver information:

- `display transceiver [interface | slot ]` shows module type, wavelength, transmission distance, and other parameters .
- `display transceiver diagnosis interface` provides Digital Diagnostic Monitoring (DDM) data, including temperature, voltage, transmit (Tx) power, and receive (Rx) power . Compare the Tx/Rx power readings with the module specifications to ensure they ar...

Article Content

Sep 13, 2025

Teach you to read the DDM information of the optical module on the ...

Next, we will introduce the query instructions of relevant parameters of optical module, and view the DDM information

Jul 08, 2026

port is disconnected due to optical module faulty

As per checked the log, it was found that the host port was disconnected, This alarm indicates the port and switch has

Jul 06, 2026

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

Dec 30, 2025

Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered

Dec 30, 2025

Is Your Optical Cable Working Properly? Here's How to Find Out

To check if your optical cable is working properly, start by visually inspecting the cable for any signs of physical

Aug 07, 2025

Checking Whether the Optical Module Works Properly

Procedure Run the display transceiver interface interface-type interface-number verbose command to view optical module

Sep 12, 2025

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command display transceiver to view the optical module information of all optical ports, and use the command

Mar 05, 2026

Checking the Optical Module

Procedure Check whether the firewall supports the optical module based on the model of the optical module inserted into the

May 24, 2026

Huijue checks optical module specifications

Huijue checks optical module specifications Ming Hwei Energy's latest modules squeeze 21.5% conversion rates from these silicon

Aug 17, 2025

How to check optical loss on a Huijue switch

In this edition of Cisco Tech Talk, I'll show you how to view the optical module status on a switch through the Command Line

Jul 26, 2025

How to use the optical port on a Huijue switch

How to use the optical port on a Huijue switch This article summarizes several solutions for using optical modules with switches and

Oct 16, 2025

How To Read Optical Module Information On Ruijie Switches

When an optical module is deployed on a switch, it is necessary to read its internal information to monitor the operating

Aug 23, 2025

How To Check If Interconnected Optical Ports Cannot Go Up?

Check whether the working modes of two optical modules are correct, including the receive power, transmit power, and current. Run

Sep 07, 2025

Troubleshooting for Optical Modules on Huawei Switch

Optical modules plays an important role in optical network, it will bring many troubles when it not working, in this passage, you've

Jan 25, 2026

Replacing an Optical Module

A router must use Huawei-certified optical modules. Non-Huawei-certified optical modules cannot ensure transmission reliability and

Aug 24, 2025

Optical Module Troubleshooting

A multimode optical module (generally with a center wavelength of 850 nm) must work with a multimode optical fiber

Oct 21, 2025

Huijue Switch Display Optical Module

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

May 30, 2026

Optical Module Solutions for Huawei S5700/S5720 Series Switches

When using switches, we may encounter many confusions, such as what types of optical modules are needed for

Nov 18, 2025

How To View Optical Transceiver Information On Huawei Switches

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

Nov 01, 2025

How to Test Optical Transceiver Modules: Methods, Metrics & Best ...

Learn how to test optical transceiver modules using power meters, BERT testers, and DDM tools. Ensure

Feb 01, 2026

Checking Whether the Optical Module Works Properly

Check whether the local and remote optical modules work properly. View the Bias Current, Current Rx Power, and Current Tx Power

Aug 01, 2025

Displaying Optical Module Information

Remove and install the fiber and optical module to ensure that the fiber and optical module are properly connected. Check whether

Mar 18, 2026

Ruijie Optical Transceiver Hardware Installation and Reference Guide ...

Click in to download Ruijie Optical Transceiver Hardware Installation and Reference Guide (V4.1) or get more details

Jun 22, 2026

Typical Troubleshooting Cases of Optical Module

General Optical Module Troubleshooting Procedure Check whether an optical module is a bogus one. An optical module delivered

Nov 05, 2025

optical module failures & troubleshooting | hch optical module

HCH provides high-quality optical modules and professional troubleshooting guides for common optical module

Aug 19, 2025

Optical Module Application: Common Problems & Troubleshooting

Example: After installing an SFP-10GB-SR module into a Cisco 4500 switch, use CLI commands to check whether the

Dec 25, 2025

Huijue Optical Module Test Report

Huijue Optical Module Test Report The test record, data evaluation & Equipment Under Test (EUT) configurations represented

Nov 24, 2025

Huijue Optical Module Code

Huijue Optical Module Code The tool streamlines the process and allows manufacturers to request and obtain Optical Product Codes

Nov 29, 2025

How to Troubleshoot Optical Modules | Complete Guide for Stable

Learn how to troubleshoot optical modules step by step. Discover common causes of link failure, optical power issues,

Sep 25, 2025

Ruijie Optical Module

Note Products support different types of optical modules. For more details, see the hardware installation instructions that come with

Oct 21, 2025

How to use the optical port on a Huijue switch

Ensure that the optical module is correctly oriented and gently push it into the optical port until you hear a click. If the optical module

Feb 14, 2026

Huijue switch optical port displays down

This document describes how to check the switch interface or port status and how to locate an interface physically down fault and

Oct 12, 2025

Optical Module Common Failure Of Optical Power Abnormality

Among them, transmit and receive optical power are core parameters for judging optical transceiver performance.

May 25, 2026

How to View Optical Module Parameters

Using a Command If an optical module is installed in a running device, you can run the display transceiver command

Jul 31, 2025

Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly

Jul 07, 2026

How to Check If Relay Module is Working: Step-by-Step Guide

Learn how to check if your relay module is working with simple tools. Step-by-step guide covers resistance tests,

Apr 07, 2026

How to view the optical module DDM information on Huawei and H3C ...

View the optical module information on Huawei switches and H3C switches through the command

Oct 23, 2025

Displaying Optical Module Information

The working temperature range of the optical module does not meet requirements, causing the optical power to be reduced at a high

Contact Us

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

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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

