

Enabling the optical port of the Huijue switch



AI Overview

To open an optical port on a Huawei switch, ensure the port is not administratively down, install a compatible optical module, and connect the fiber correctly.

Step 1: Verify Port Status Check if the optical port is administratively down using the command: `CodeCopydisplay interface xgigabitethernet0/0/2`. Replace 0/0/2 with your actual port number. If the output shows Administratively DOWN, the port is disabled and must be enabled in system mode.

Step 2: Install a Compatible Optical Module Use only Huawei-certified optical modules to ensure reliability. Wear an ESD wrist strap to prevent static damage. Remove the dust plug from the optical port and the module. Insert the optical module gently into the port until you hear a click. If it does not fit, rotate the module 180° and try again. Ensure the module is securely seated by gently pulling it; it should not come out if installed correctly.

Step 3: Connect the Optical Fiber Remove the dust plug from the optical module. Align the fiber connector with the module and insert it until it clicks. Verify that the fiber type (single-mode or multi-mode) matches the module type and that the optical power is within the normal range.

Step 4: Enable the Port (if needed) If the port is administratively down, enter system view and enable it: `CodeCopysystem-viewinterface xgigabitethernet0/0/2undo shutdown`. This command activates the port and allows it to transmit and receive data.

Step 5: Verify Optical Module and Port Operation Use the command: `CodeCopydisplay transceiver interface xgigabitethernet0/0/2 verbose`. This shows the wavelength, received/transmitted optical power, and module status to ensure proper operation.

Following these steps will safely open and activate the optical port on your Huawei switch, ensuring reliable optical connectivity.

Article Content

How to use the optical port on a Huijue switch

To connect a fiber, align the optical connector with the optical port and gently insert the optical fiber into the port. To remove a fiber, press the clip on the connector and pull the fiber out.

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 common problems encountered during usage, along with specific solutions.

Setting the optical port mode of Huijue switch

Execute the command “combo enable fiber” in interface mode to switch to the optical interface; on the contrary, “undo combo enable fiber” switches to the default electrical interface state.

Where are the optical modules in the Huijue switch

The switch must have optical modules certified for Huawei switches installed. Optical modules that are not certified for Huawei switches cannot ensure transmission reliability and may affect service

What s wrong with the optical port on the Huijue switch

This alarm indicates the port and switch has been disconnected. Use the idle optical module on the storage device to exchange with PO and check. port is disconnected due to optical module faulty

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Huijue 9-Port Gigabit Switch with Optical Port

Utilize a 9-port gigabit cloud managed switch featuring 8 PoE+ ports, enabling comprehensive connectivity options. Enhance your network efficiency with the cost-effective benefits of smart cloud

Enabling or Disabling an Interface

This document covers interface management configurations, including interface basic configuration, Ethernet interface configuration, logical interface configuration, and port isolation configuration.

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Setting the optical port mode of Huijue switch

You can do this by either changing the VTP version on the Cisco edge switches to VTP version 3, or by changing the VTP mode on the Huawei backbone switch to VTP transparent mode.

Installing an Optical Module

Remove the dust plug from an optical port. Keep the dust plug for future use. Install the optical module to the optical port. Gently push the optical module into the optical port until you hear a click. When

Huijue All-Fiber Optic Switch Configuration

The optical switch consists of the all fiber optic switch device and corresponding driver packaged in a rack-mountable enclosure. The switching is done by an external TTL compatible low voltage signal.

Modifying the optical port speed of Huijue switch

Optical Module Solutions for Huawei S5700/S5720 Series Switches This article summarizes several solutions for using optical modules with switches and common problems encountered during usage,

OXC Matrix Optical Switches: Empowering High-Speed AI Computing ...

OXC (Optical Cross Connect) matrix optical switch is a device that enables any input port to be connected to any output port directly at the optical layer. Unlike conventional network switches that

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How to use the optical port on a Huijue switch

To connect a fiber, align the optical connector with the optical port and gently insert the optical fiber into the port. A fiber adapter (also called a flange) is a fiber connection component. A switch must use

Modifying the gateway on a Huijue optical switch

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Enabling SNMPv3 on Huijue Fiber Optic Switch

We have a pair of MDS 9132T FC Switches and we are trying to find where to enable SNMP so that we can add monitoring of ports and system health to our PRTG Monitoring System.

Energy storage system of communication base station

Huijue Base Station Energy Cabinet is a robust, versatile, and intelligent solution that ensures reliable power supply and efficient energy management for critical infrastructure, enabling seamless

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