

Huijue Switch Optical Module Issues



Article Overview

Optical module failures on Huijue switches are often caused by improper installation, incompatible modules, or excessive optical power, and can usually be resolved by systematic troubleshooting and replacement with certified modules.

Common Causes of Optical Module Failure

- **Incorrect Installation:** Modules not fully seated or inserted in the wrong orientation can cause connectivity issues. Always ensure the module clicks into place and the gold contacts are correctly aligned .
- **Incompatible Modules:** Using non-Huijue-certified or mismatched wavelength modules can trigger alarms or prevent the port from going up. Modules must match the port speed, wavelength, and type .
- **Excessive Optical Power:** High transmit/receive power can damage modules. Using optical attenuators or reducing transmit power on the remote port can prevent damage .
- **Environmental Factors:** Temperature extremes can affect optical power output, leading to link failures .
- **Faulty or Duplicate Modules:** Modules with duplicate serial numbers or defective units can cause persistent faults .

Troubleshooting Steps

- **Re-seat the Module:** Remove and reinstall the optical module to ensure proper connection .
- **Check Compatibility:** Verify that the module is Huijue-certified and matches the port specifications (speed, wavelength, and type), .
- **Test with a Spare Module:** Swap the suspected faulty module with a known workin...

Article Content

Ruijie Optical Module

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

DIN Rail Switch | Industrial Ethernet Switches | Perle

DIN mount switches designed for harsh environments of -40°C to 75°C (-40°F to 185°F), vibrations, and shocks. Up to 10 Ethernet,

Configure the optical ports of Huijue switches

Optical Module Solutions for Huawei S5700/S5720 Series Switches This article summarizes several solutions for using optical

What s wrong with the optical port on the Huijue switch

The first thing you should do is re-plug the optical module into the switch slot and make sure it is firmly inserted. If the problem

Huijue switch does not recognize optical module

If possible, remove and reinstall the optical modules to check whether the fault is rectified. During use, reading optical module

Where are the optical modules in the Huijue switch

Optical Module Solutions for Huawei S5700/S5720 Series Switches When using switches, we may encounter many confusions, such

Typical Troubleshooting Cases of Optical Module

Procedure Check whether the optical modules are Huawei-certified ones. If not, contact the supplier of the optical modules. If

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

5 troubleshooting tips for connecting the SFP's

Here are 5 troubleshooting tips for connecting the SFP's. Have you ever tried to plug an optic SFP+ transceiver into an SFP+ port to

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

The optical port of the Huijue switch is not visible

Optical Module Application: Common Problems & Troubleshooting Based on typical issues encountered with optical modules in daily

Optical Module Troubleshooting

Optical Modules on the Local and Remote Devices Cannot Communicate Fault Description A switch is connected to a remote device

Huijue Switch Display Optical Module

View the general, manufacturing, alarm, and diagnostic information of the specified port optical module. Table 1 Description of the

Installing an Optical Module

Install an optical module, and then connect optical fibers to the optical module. Do not insert an optical module with optical fibers to

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

FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch

Can Huijue switches use Huawei optical modules

Overview A switch must use optical or copper modules that have been certified for use on Huawei switches. This article summarizes

Where are the optical modules in the Huijue switch

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

Checking the Optical Module Type

For the Huawei-certified optical modules, Huawei has added Huawei logo and identifier and changed the vendor information in the

Huijue module automatically shuts down optical port

If an optical module that is not certified for Huawei data center switches is used, replace it with an optical module that is certified for

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

Huijue optical module lights up normally

Unplug and plug an optical module (if permitted), and check whether the optical module information can be displayed. If the problem

Modifying the gateway on a Huijue optical switch

Five Suns EcoEnergy & Telecom Systems (FSE) provides outdoor telecommunication cabinets, SFP optical modules, industrial

Huijue Huawei optical module compatibility

Huijue Huawei optical module compatibility When using switches, we may encounter many confusions, such as what types of optical

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