

Configure Huijue Fiber Optic Switch



AI Overview

Configuring a Huijue fiber optic switch involves setting up system management, IP addressing, VLANs, ports, and security features to ensure proper network operation.

Initial Setup Connect to the Switch: Use a console cable or Ethernet connection to access the switch. Assign your computer an IP address in the same subnet as the switch if connecting via Ethernet.

Login: Open a terminal client (e.g., PuTTY) and log in using the default credentials provided in the switch manual.

Set Basic System Parameters: Configure the hostname, enable password, user accounts, and system time/timezone to ensure proper logging and management.

Interface and Port Configuration Enable Fiber Ports: Identify the fiber-optic ports and configure them for the correct speed and duplex mode.

Configure VLANs: Create VLANs to segment network traffic. Assign ports to the appropriate VLANs for fiber connections.

Link Aggregation (Optional): If using multiple fiber links for redundancy or higher bandwidth, configure link aggregation (LACP) on the relevant ports.

IP and Routing Configuration Assign IP Addresses: Configure Layer 3 interfaces with IP addresses for management and routing purposes.

Enable Routing Protocols: If the switch will participate in routing, configure protocols such as OSPF, RIP, or static routes as needed.

DHCP and DNS: Set up DHCP client or server functionality if the switch will provide or receive IP addresses, and configure DNS for name resolution.

Security and Management Access Control: Configure ACLs, port security, and AAA authentication to control access to the switch and network.

SSH/Telnet: Enable secure remote management via SSH and optionally Telnet for legacy support.

Save Configuration: After completing all settings, save the running configuration to startup configuration to ensure persistence after reboot (copy running-config startup-config).

Verification Check Port Status: Verify that fiber ports are operational and connected to the correct devices.

Ping and Connectivity Tests: Test IP connectivity to ensure VL...

Article Content

Huijue Fiber Optic Switch Reboot

Huijue Fiber Optic Switch Reboot Overview If possible, remove and reinstall the optical modules to check whether the fault is rectified. This document describes how to check the switch interface or

How to configure a Huijue optical port aggregation switch

The ODN is passive, which means that no optical amplifier or regenerator will be deployed on the ODN, reducing the maintenance costs of outdoor devices. Step 1: Choose OLT model, multi service or just

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The following example shows how to enable Simple Network Management Protocol Version 3 (SNMPv3). The configuration permits any SNMP manager to access all objects with read-only

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Last Updated February 26, 2026 Once you have configured an IP address, the main steps for configuring SNMPv3 access management features are the following: Enable SNMPv3 for operation on the

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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.

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Five Suns EcoEnergy & Telecom Systems (FSE) provides outdoor telecommunication cabinets, SFP optical modules, industrial switches, base station energy management, emergency communication

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Configuring Attributes for an Optical Interface

After configuring interface split or merge on an interface, you need to save the configuration and restart the switch to make the configuration take effect. The original configuration

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