

# Huawei Network Management System for Checking Optical Module Model



## Overview

Identify a Huawei-Certified Optical Module Run the display transceiver [ interface interface-type interface-number | slot slot-id ] [ verbose ] command to view information about the optical module on a specified interface. 5um) Digital Diagnostic Monitoring :YES Vendor Name. Optical transceivers are widely applied in switches, network cards, routers and other communication devices. Checking transceiver parameters allows users to monitor real-time operating status and locate link faults rapidly. Additional Learning Hub Resources Huawei eSFP-GE-SX-MM850 Gigabit Optical Module Overview Optical module working temperature is too high or too low on the use of what effect How to use SFP optical modules with switches What is a 100 Gigabit Singlemode. Here are the common commands to use to display hardware-related information on Huawei Routers. The inventory information such as serial number, product code,optical module,device, power,voltage,temperature,fan, CPU and memory are very important on operation and troubleshooting purposes.

## Article Content

### Checking Parameter Settings of the Optical Modules

Check the parameter settings such as rate, wavelength, and transmission distance of the interconnected optical modules. Using the

### Displaying Optical Module Information

This document describes the principles and configurations of the Device Management features, and provides configuration examples

### eSight 22.0.0 Product Description (Compact Edition) 03

Network device management allows Huawei network devices (such as switches, routers, firewalls, and WLAN devices) and third

### Displaying Optical Module Information

This document describes the configurations of Device Management, including device status query, hardware management, Stack,

### Checking Whether the Optical Fiber and Optical Module Match

Procedure Check the optical module type. Generally, an optical module has a label attached, identifying the rate, center wavelength,

### Displaying Optical Module Information

If non-Huawei-certified optical modules are used, the system may be unable to obtain the correct information. You are advised to use

### Typical Troubleshooting Cases of Optical Module

On the live network, services on a switch will be affected if you remove and reinstall optical modules, restart the switch, or upgrade

### 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,

### eOMC910 Network Management System — Huawei products

eOMC910 Network Management System A complete NMS Platform that functions as an Operations and Maintenance (O& M) Center

### (Video) Identifying a Huawei-Certified Optical Module on S Series ...

(Video) Identifying a Huawei-Certified Optical Module on S Series Switches Shows how to identify a Huawei-certified optical module.

### FAQs About Optical Modules

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

### Checking Whether Optical Module Types Match

For example, the transmission distance supported by OM1 optical fibers in the preceding command output is 150 m. If the actual

### Optical Interface FAQ: Transceiver Compatibility Guidelines for

Q7: What is the optical module interoperability standard for different Huawei products? Broad interoperability between Huawei

### Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module

### Checking Whether the Optical Module Type is Correct

Compare the supported optical module models with the optical module model used on the live network to check whether the optical

### Checking 400GE Transmit (TX) and Receive (RX) Optical Power in

For checking transmission links on Huawei routers, it is important to know how to check the optical power of 400GE modules or

## 01-10 OPTICAL MODULES

Generally, an optical attenuator is required if an optical module supporting a transmission distance longer than 10 km is used

### Enterprise Network Management — Huawei products

Enterprise Network Management Huawei's Enterprise Network Management provides multi-vendor device management, integrated

### How to View Optical Module Parameters

Viewing the Hardware Description If you know the model or type of an optical module, you can view the section "Pluggable Modules

### Displaying Optical Module Information

Displaying Optical Module Information You can use the display commands to view information about the optical module on an

### Displaying Hardware Information on Huawei Routers

The inventory information such as serial number, product code,optical module,device, power,voltage,temperature,fan, CPU and

## WHAT IS AN OPTICAL MODULE AND ITS FAQS (V200)

An optical module works at the physical layer of the OSI model and is one of the core components in the fiber communication

### Contact Us

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