

Viewing Fiber I O on Huawei Switches



Overview

Run the following command to view interface information: `display interface <interface-type> <interface-number>` The output includes interface rate, module type, link status (the state being UP is a prerequisite for normal operation) and traffic statistics, which can be used for. Run the following command to view interface information: `display interface <interface-type> <interface-number>` The output includes interface rate, module type, link status (the state being UP is a prerequisite for normal operation) and traffic statistics, which can be used for. If you know the model or type of an optical module, you can view the section "Pluggable Modules for Interfaces" in the Hardware Description to look up parameters of the optical module, including the center wavelength, transmission distance, fiber types supported, receive optical power, and transmit. Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. The specific viewing information is as follows: FC switches are required for applying for DESS devices of the common I/O (low latency), high I/O (low latency), or ultra-high I/O (low latency) types. An FC switch is a high-speed network transfer device that uses optical fibers as the media. Image Source: Pexels Purpose: Used to quickly view the. Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows: `Transceiver Type :1000_BASE_SX_SFP Connector Type :LC Wavelength(nm) :850 Transfer Distance(m) :300(50um),150(62.5um) Digital Diagnostic Monitoring :YES Vendor Name.`

Article Content

Jul 15, 2025

kobostone/Huawei-Switch-Command-Note

huawei switch cheat sheet. Contribute to kobostone/Huawei-Switch-Command-Note development by creating an account on GitHub.

Dec 11, 2025

Ethernet Interface Configuration Commands

S1720, S2700, S5700, and S6720 V200R011C10 Command Reference This document describes all the configuration commands of the device, including the command function, syntax, parameters, views,

Aug 04, 2025

Optical Fiber

Optical Fiber AOC An active optical cable (AOC) is a fixed-length optical fiber with optical modules at both ends. It can be directly connected to an optical port on a device. In short-distance connection

Oct 17, 2025

How to Check SFP Power in Huawei Switch? Is Your Network

Huawei's eSight platform can monitor SFP power levels across hundreds of switches, triggering alerts for out-of-spec values. For budget-conscious teams, free tools like ...

Dec 10, 2025

How Do I View IP Addresses of Servers Directly Connected to a Switch ...

Learn how to view IP addresses of servers and server interfaces connected to a Huawei switch for efficient network management.

Nov 29, 2025

How To Read Optical Module Information On Huawei Switches

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

Mar 12, 2026

How Do I Check the Transmit and Receive Optical Power of an

CloudEngine 16800, 9800, 8800, and 6800 Series Switches Troubleshooting Guide (V300) How Do I Check the Transmit and Receive Optical Power of an Optical Module?
Run the display interface

Jan 24, 2026

Configuring Fibre Channel Switches (Applicable to Fibre Channel ...

Configuring Fibre Channel Switches (Applicable to Fibre Channel Connection) Fibre Channel switch configuration includes setting domain IDs, configuring the long-distance mode for links, and creating

Nov 16, 2025

Huawei Optical Switch View Optical Module Commands

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows:

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HOW TO CHECK PORT POWER & SFP INFO AND MAC'S & VLAN'S in HUAWEI SWITCH

how to check sfp info & mac address, port power, vlan's in huawei switch#huawei#how-to#tutorials#techhouse##technology

Apr 29, 2026

huawei switch cheat sheet · GitHub

The method for starting and stopping viewing logs on a Huawei backbone switch depends on the specific switch model and software version.

Jun 24, 2026

Installing Stack Cables and Powering On the Switch

Power off the switch before connecting stack cables. Physical member ports of logical stack port (stack-port n/1) on one switch must be connected to physical member ports of logical stack port (stack-port

Apr 01, 2026

Introduction of Optical Modules on Huawei Switches

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical module, including the

Apr 17, 2026

Viewing FC Switches_Managing FC Switches_DESS Device ...

An FC switch is a high-speed network transfer device that uses optical fibers as the media. It features high-speed transfer and strong anti-interference capability. This section introduces

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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 display transceiver interface interface-type interface-number to view the

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Introduction of Optical Modules on Huawei Switches

When Huawei switches are connected to other products such as routers, comply with the preceding optical module interoperation rules. The following describes the

Feb 13, 2026

How to View Optical Module Parameters

If an optical module is installed in a running device, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber

Apr 18, 2026

Configuring Fibre Channel Switches (Applicable to Fibre Channel ...

Four Fibre Channel switches are cascaded across the data centers, building a mirroring relationship between the storage systems in the two data centers. As shown in Figure 9-1, Fibre Channel

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9 Query Commands for Huawei Switches

With its excellent performance and rich functions, Huawei switches have become one of the preferred devices for many enterprise networks. This

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Network Switches | Huawei Enterprise

Huawei Ethernet Switches Turbocharge your enterprise network with high-performance, high-availability for resilient services and simplified management.

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Checking TX / RX optical power for Huawei Switches and Routers

Here is an example on how to query or display optical power of an interface in a Huawei Router. This is tested using NetEngine40E Universal Service Router or NE40E running version 8.x OS.

Jan 31, 2026

Teach you to read the DDM information of the optical

Today, ETU-LINK will introduce how to query the information of optical module on Huawei switch. Next, we will introduce the query instructions of

Dec 17, 2025

Troubleshooting S Series Switch Port and Interface Problems

Troubleshooting S Series Switch Port and Interface Problems This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the

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Mastering Huawei Switch Management: 9 Essential

Managing network switches efficiently is a critical skill for IT professionals, and Huawei switches are widely recognized for their reliability and advanced features.

Dec 30, 2025

Displaying Optical Module Information

A switch must use optical or copper modules that have been certified for use on Huawei S switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

Nov 01, 2025

Viewing FC Switches_Managing FC Switches_DESS Device ...

FC switches are required for applying for DESS devices of the common I/O (low latency), high I/O (low latency), or ultra-high I/O (low latency) types. An FC switch is a high-speed network

May 11, 2026

Common display Commands

CloudEngine 16800, 12800, 9800, 8800, 7800, 6800, and 5800 Series Switches
Troubleshooting Guide (V100 and V200) Common display Commands The device
provides various display commands to

Contact Us

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

Website: <https://elagage-lorrain.fr>

Email: sales@elagage-lorrain.fr

Phone: +33 6 47 82 19 35

Address: 15 Rue de la République, 69002 Lyon, France

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