

# How to view optical module information



## Overview

Run the following command to view device board information and identification details of all optical modules: `show inventory` The output includes the module type, serial number, Cisco-compatible part number, and other details, which are retrieved from the pre-programmed data in the. Run the following command to view device board information and identification details of all optical modules: `show inventory` The output includes the module type, serial number, Cisco-compatible part number, and other details, which are retrieved from the pre-programmed data in the. When optical modules operate on a switch, it is usually necessary to read the module's internal information to understand its working status—such as connection status and real-time metrics like optical power and temperature. Additionally, identifying module information helps detect coding. When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. Through transceiver monitoring, also known as digital optical monitoring (DOM), you can view diagnostics like transmitted bias current, transmitted power, received power, transceiver temperature, and power supply voltage. See below for a list of devices that support transceiver monitoring. If. Optical module identification and status monitoring are essential daily tasks for network engineers maintaining Cisco switching systems. This guide provides complete, step-by-step CLI commands to view module type, DOM/DDM diagnostic data, vendor details, and compatibility information, fully. DDM (Digital Diagnostics Monitoring) is a feature that is included in optical modules, such as SFP, SFP+, QSFP, and QSFP+ transceivers.

## Article Content

Jun 08, 2026

### AN811 The RS-232/DALI Bridge Interface

Information contained in this publication regarding device applications and the like is intended through suggestion only and may be superseded by updates. It is your responsibility to ensure that your

May 16, 2026

### How to View Optical Module Status on a Cisco Switch

In this Cisco Tech Talk, learn how to view the optical module status on a Cisco switch using the Command Line Interface (CLI). This video demonstrates

Feb 26, 2026

### View the Optical Module Status on a Switch through the Command

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for the optical connection, which helps you manage

Sep 04, 2025

### Displaying Optical Module Information

Run the display transceiver diagnosis interface [ interface-type interface-number ] command to view diagnostic information about a specified optical module. This command displays the digital diagnostic

Jul 23, 2025

### How To View Port Status And Optical Module

When an optical module is running on a switch, it is often necessary to read its internal information to check the operating status, including link status, real-time

Jun 28, 2025

### Optical Transceiver Manufacturer,How To Check Optical

Optical module identification and status monitoring are essential daily tasks for network engineers maintaining Cisco switching systems. This guide provides

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### View the Optical Module Status on a Switch

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, the Optical Module Status page of the web-based utility provides the current information for

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How To View Port Status And Optical Module Information In ARUBA ...

Optical modules work in the switch usually need to read the internal information of the module to understand its working status, such as module connectivity and real-time collection of

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How To View Port Status And Optical Module

To monitor the operating status of optical modules installed on a switch, it is necessary to read the module's internal information, including link

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How To Read Optical Module Information On A Network Card In Linux ...

For optical modules used on switches, we read their information via brand-specific terminal commands. This guide introduces how to read optical module information when it is installed

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View the Optical Module Status on a Switch

This article provides instructions on how to view the Optical Module Status on your switch.

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How to view supported and unsupported SFP SFP+ or QSFP module ...

Through transceiver monitoring, also known as digital optical monitoring (DOM), you can view diagnostics like transmitted bias current, transmitted power, received power, transceiver

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Optical Transceiver Manufacturer,How To Check Optical

This guide provides complete, step-by-step CLI commands to view module type, DOM/DDM diagnostic data, vendor details, and compatibility information, fully

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How To View Port Status And Optical Module Information On

When optical modules are installed on switches, it is necessary to read internal module parameters to monitor operating status, including link connectivity, real-time transmit/receive optical

Aug 26, 2025

How to view the optical module DDM information?

DDM provides detailed information about the optical module's performance and status, allowing network administrators to monitor and troubleshoot network issues. In this article, we will

Nov 10, 2025

Displaying Optical Module Information

Displaying Optical Module Information Context When the optical module on an interface is faulty, you can run the display commands to view information about the optical module.

Feb 01, 2026

How To Read Optical Module Information On H3C Switches

Optical modules are widely used in switches, network cards, routers, and other communication equipment. Reading optical module information during use helps understand its real-time operating

Apr 11, 2026

How to View the DDM Information of Optical Transceiver

Modern optical transceivers support standard Digital Diagnostics Monitoring (DDM) functions, which enable real-time monitoring of modules"

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How To Read Optical Module Information On Huawei Switches

1. Optical Module Status Check Run the following command to view interface information: display interface <interface-type> <interface-number> The output includes interface rate,

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How to View Optical Module Parameters

Using a Command If an optical module is installed in a running router, you can run the display transceiver command to view parameters of the optical module, including the center wavelength,

Jan 19, 2026

## Tech Talk – View the Optical Module Status on a Switch with CLI

In this edition of Cisco Tech Talk, I'll show you how to view the optical module status on a switch through the Command Line Interface also referred to CLI.

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### How To View Port Status And Optical Module Information On Cisco ...

Additionally, identifying module information helps detect coding compatibility between the module and the switch. The following introduces the specific operations to view the working status

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### View the Optical Module Status on a Switch through the Command

This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI). The Cisco Small Business Series Switches allow you to plug in a

## Contact Us

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