

Cisco Catalyst 2960 48 Power over Ethernet (PoE) Switch

The Cisco® Catalyst® 2960 48 Power over Ethernet (PoE) switch is a new member of the Cisco Catalyst 2960 Series of fixed-configuration standalone switches with PoE for entry-level enterprise, midmarket, and small branch office networks. The Cisco Catalyst 2960 Series with PoE allows connectivity to Ethernet-powered devices, including Cisco IP phones, wireless access points, and video cameras.



The Cisco Catalyst 2960-48PST-L can support 48 PoE ports with total PoE power output capacity at 370W. Taking advantage of Cisco Catalyst Intelligent Power Management, the Cisco Catalyst 2960-48PST-L configuration can deliver the necessary power to support 24 ports at 15.4W, 48 ports at 7.7W, or any combination in between. Cisco Catalyst 2960 Series with PoE models support Cisco prestandard PoE and are IEEE 802.3af-compliant.

PoE eliminates the need for wall power to each PoE-enabled device and eliminates the cost for additional electrical cable and circuits that would otherwise be necessary in IP phone and WLAN deployments. PoE switches also eliminate the need for power injectors and PoE midspans for powering IP devices. Table 1 provides a brief description of the new switch.

Table 1. Cisco Catalyst Power over Ethernet (PoE) Switches

Product Name (Part Number)	Description
Cisco Catalyst 2960-48PST-L Switch (WS-C2960-48PST-L)	<ul style="list-style-type: none"> 48 Ethernet 10/100 ports with 2 10/100/1000TX and 2 Small Form-Factor Pluggable (SFP) uplinks 1 RU fixed-configuration LAN Base image installed

The Cisco Catalyst 2960 Series with PoE offers the following benefits:

- Supports 15.4W up to 24 ports, allowing transparent connectivity to PoE devices, including Cisco IP phones, Cisco Aironet® wireless LAN access points, as well as any IEEE 802.3af-compliant end device.
- Cisco EnergyWise to measure, report and reduce energy usage across the entire organization.
- Cisco Discovery Protocol (CDP) version 2 allows the switch to negotiate a more granular power setting when connecting to a Cisco powered device, such as IP phones or access points, than what is provided by IEEE classification.
- PoE MIB provides proactive visibility into power usage and allows you to set different power-level thresholds.
- Link Layer Discovery Protocol (LLDP and LLDP-MED) adds support for IEEE 802.1AB LLDP for interoperability in multivendor networks.

- Network configuration, Cisco IOS® Software updates, and troubleshooting are easy using the embedded device manager and Cisco Network Assistant.
- These switches utilize capabilities rich in Cisco IOS Software, including comprehensive Layer 2 LAN features, intelligent quality of service (QoS), extensive security protection, and network management features.
- Limited lifetime hardware warranty.
- Software updates available at no additional cost.

Product Availability

The new Cisco Catalyst 2960 48 PoE switch began shipping in December 2008.

Product Information

Cisco Catalyst 2960 Series Switches: <http://www.cisco.com/go/catalyst2960>.

Service and Support

Cisco SMARTnet® and SMB Support Assistant maintenance contracts are available for Cisco Catalyst 2960 Series Switches.



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV
Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

CCDE, CCENT, Cisco Eos, Cisco HealthPresence, the Cisco logo, Cisco Lumin, Cisco Nexus, Cisco StadiumVision, Cisco TelePresence, Cisco WebEx, DCE, and Welcome to the Human Network are trademarks; Changing the Way We Work, Live, Play, and Learn and Cisco Store are service marks; and Access Registrar, Aironet, AsyncOS, Bringing the Meeting To You, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, CCVP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, EtherFast, EtherSwitch, Event Center, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, iQuick Study, IronPort, the IronPort logo, LightStream, Linksys, MediaTone, MeetingPlace, MeetingPlace Chime Sound, MGX, Networkers, Networking Academy, Network Registrar, PCNow, PIX, PowerPanels, ProConnect, ScriptShare, SenderBase, SMARTnet, Spectrum Expert, StackWise, The Fastest Way to Increase Your Internet Quotient, TransPath, WebEx, and the WebEx logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0812R)

Printed in USA

C25-512173-00 01/09