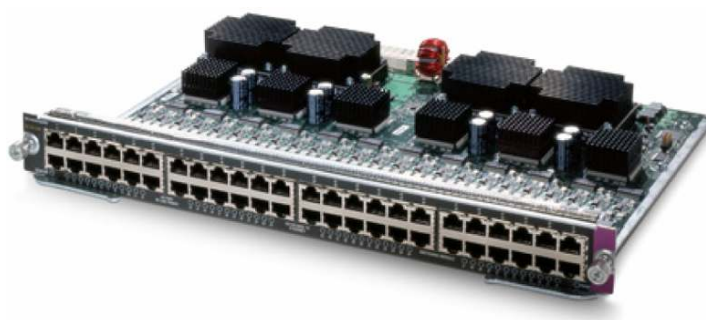


## Cisco Catalyst 4500 Series PoE Plus Ready Classic Line Card: Continued Leadership and Investment Protection for Converged Networks

PB530557

Cisco is pleased to announce a new 10/100/1000 classic Cisco® Catalyst® 4500 Series Line Card (Figure 1) with industry-leading readiness for Power over Ethernet (PoE) Plus and inline power up to 30 watts per port. (Note: Classic line cards provide 6 Gb of switching capacity per slot.) The line card expands the deployment options of the Cisco Catalyst 4500 Series in the wiring closet while delivering flexibility, manageability, and investment protection on a secure converged data and voice network for enterprise and commercial customers.

**Figure 1.** Cisco Catalyst 4500 PoE Plus Ready 10/100/1000 48-Port (RJ-45) Line Card



### Product Overview

The new Cisco Catalyst 4500 Series Line Card can support up to 30 watts per port of inline power in addition being ready to support PoE Plus. It also supports Cisco Enhanced PoE, IEEE 802.3af PoE, and the Cisco prestandard PoE implementations with a maximum of 750 watts per line card. It is designed to power IP phones, wireless base stations, video cameras, and other PoE devices. The new higher-wattage inline power offers you greater flexibility and mobility with support for new devices, services, and applications, while support for older power levels ensures backward compatibility with existing Cisco powered devices.

The line card enhances the Cisco Catalyst 4500 Series portfolio by giving you the flexibility to support high-wattage inline power using a classic line card. Similar capability is currently available on the Catalyst 4500 E Series Premium PoE 10/100/1000 linecard (WS-X4648-RJ45V+ E).

The new line card has optional power classifications and intelligent power-management features. These line-card capabilities combined with standard Cisco Catalyst 4500 Series features such as In-Service Software Upgrades (ISSU) make it an ideal platform for collaboration applications, including mission-critical applications such as IP telephony and support for nonstop application delivery.

The line card is compatible with all Cisco Catalyst 4500 Series chassis, and you can deploy it with any supervisor engine, helping ensure maximum investment protection. The Cisco Catalyst 4500 Series power supplies and accessories enable the line card to support high-density PoE deployments. You can calculate detailed power consumption and scalability information for specific configurations using the Cisco Power Calculator, available at:

<http://tools.cisco.com/cpc/launch.jsp>.

## Ordering Information

To place an order, visit the Cisco Ordering Page <http://www.cisco.com/en/US/ordering/index.shtml> and refer to Table 1. To download software, visit the Cisco Software Center:

<http://tools.cisco.com/ITDIT/ISTMAIN/servlet/index>.

**Table 1.** Ordering Information

Product Name	Part Number
Cisco Catalyst 4500 PoEP Ready 10/100/1000, 48-Port (RJ45)	WS-X4548-RJ45V+

**Note:** The minimum software requirement for new hardware is Cisco IOS® Software Release 12.2(50)SG. The line card is PoE Plus ready with this Cisco IOS Software release. Support for IEEE 802.3at standards-compliant power will require a software upgrade.

To facilitate the migration of the installed base to these new products, Cisco is offering an enhanced trade-in program for existing products traded for these new products. Please refer to the Cisco Trade-In Program (TMP) site on Cisco.com for more details.

## For More Information

- Cisco Catalyst 4500 Series Switches:  
<http://www.cisco.com/en/US/products/hw/switches/ps4324/index.html>
- Cisco Catalyst 4500 PoE Line Cards, power supplies, and other data sheets:  
[http://www.cisco.com/en/US/products/hw/switches/ps4324/products\\_data\\_sheets\\_list.html](http://www.cisco.com/en/US/products/hw/switches/ps4324/products_data_sheets_list.html)
- Cisco Catalyst 4500 Series PoE white paper:  
[http://www.cisco.com/en/US/products/hw/switches/ps4324/prod\\_white\\_papers\\_list.html](http://www.cisco.com/en/US/products/hw/switches/ps4324/prod_white_papers_list.html)
- Cisco PoE webpage: <http://www.cisco.com/go/poe>
- Cisco Enhanced PoE webpage: <http://www/en/US/prod/switches/epoe.html>



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