Cisco Catalyst 2960-Plus Series Switches

CISCO CATALYST 2960-PLUS SERIES FAST ETHERNET ACCESS SWITCHES

The Cisco® Catalyst® 2960-Plus Series Switches are fixed-configuration Fast Ethernet switches that provide enterprise-class Layer 2 switching for branch offices, conventional wired workspaces, and infrastructure applications. They enable reliable and secure operations with lower total cost of ownership through a range of innovative features, including robust 802.1X, quality of service (QoS), and Cisco Catalyst SmartOperations.

The Cisco Catalyst 2960-Plus is based on the proven Cisco Catalyst 2960 platform, with increased memory capacity to support new software features and future Cisco IOS® Software releases.

Figure 1. Cisco Catalyst 2960-Plus Series Switches

The Cisco Catalyst 2960-Plus provides 24 or 48 Fast Ethernet ports and is available with IEEE 802.3af Power over Ethernet (PoE). All models include both copper (1000BASE-T) and optical (SFP) Gigabit Ethernet uplink options. Switches are available with two Cisco IOS Software feature sets:

- LAN Base provides advanced Layer 2 forwarding features and static IPv4 routing for conventional wired access networks.
- LAN Lite provides entry-level Layer 2 features for smaller deployments.

Power over Ethernet

Cisco Catalyst 2960-Plus Series Switches support PoE to deliver lower total cost of ownership for deployments that incorporate IP phones, surveillance cameras, wireless access points, and other PoE-powered end devices.

Network Security

The Cisco Catalyst 2960-Plus switches deliver a range of features that secure access to the network and mitigate threats. These features include flexible authentication with 802.1X Monitor Mode, threat defense features including port security, and IP source guard.

Quality of Service

The Cisco Catalyst 2960-Plus Series Switches offer intelligent traffic management that keeps network traffic flowing smoothly. Flexible mechanisms for marking, classification, and scheduling deliver superior performance for data, voice, and video traffic, all at wire speed.

Management

The Cisco Catalyst 2960-Plus Series Switches offer a superior Cisco IOS Software CLI for configuration and administration. For centralized management capabilities, these switches are supported by Cisco Prime™ Infrastructure for larger enterprises and Cisco Network Assistant for midmarket deployments.

Smart Operations

Cisco Catalyst SmartOperations is a comprehensive set of capabilities that simplify LAN planning, deployment, monitoring, and troubleshooting. Deploying SmartOperations tools reduces the time and effort required to operate the network and lowers total cost of ownership (TCO).

Cisco Smart Install enables zero-touch deployment by providing automated Cisco IOS Software image installation and configuration when new switches are connected to the network.

Cisco Auto SmartPorts automatically configures switch interfaces with optimal settings when new devices are connected, eliminating the need to manually configure the switch when devices are added or moved.

Cisco EnergyWise

Cisco EnergyWise™ empowers IT teams to measure and manage the power consumed by devices connected to the network, providing measurable energy savings and reduced greenhouse gas emissions. Cisco EnergyWise policies can be used to control the power consumed by PoE-powered endpoints, desktop and data-center IT equipment, and a wide range of building infrastructure. Cisco EnergyWise technology is included on all Cisco Catalyst 2960-Plus Series Switches.

Switch Configurations

Model	10/100 Ethernet Interfaces	Uplink Interfaces	Cisco IOS Software Feature Set	Available PoE Power
Cisco Catalyst 2960-Plus 48PST-L	48	2 SFP and 2 1000BASE-T	LAN Base	370W
Cisco Catalyst 2960-Plus 24PC-L	24	2 (SFP or 1000BASE-T)	LAN Base	370W
Cisco Catalyst 2960-Plus 24LC-L	24	2 (SFP or 1000BASE-T)	LAN Base	123W
Cisco Catalyst 2960-Plus 48TC-L	48	2 (SFP or 1000BASE-T)	LAN Base	–
Cisco Catalyst 2960-Plus 24TC-L	24	2 (SFP or 1000BASE-T)	LAN Base	–
Cisco Catalyst 2960-Plus 48PST-S	48	2 SFP and 2 1000BASE-T	LAN Lite	370W
Cisco Catalyst 2960-Plus 24PC-S	24	2 (SFP or 1000BASE-T)	LAN Lite	370W
Cisco Catalyst 2960-Plus 24LC-S	24	2 (SFP or 1000BASE-T)	LAN Lite	123W
Cisco Catalyst 2960-Plus 48TC-S	48	2 (SFP or 1000BASE-T)	LAN Lite	–
Cisco Catalyst 2960-Plus 24TC-S	24	2 (SFP or 1000BASE-T)	LAN Lite	–

Warranty Coverage and Technical Service Options

The Cisco Catalyst 2960-Plus Series Switches come with an enhanced limited lifetime hardware warranty (E-LLW) that includes 90 days of Cisco Technical Assistance Center (TAC) support and next-business-day hardware replacement where available.

For more information about Cisco warranties, visit www.cisco.com/go/warranty.

For information about Cisco Technical Services, visit www.cisco.com/go/ts.

For More Information

Visit www.cisco.com/go/2960plus.