



Cisco Catalyst 2950-24 and 2950-12 Fast Ethernet Switches

These standalone fixed-configuration Fast Ethernet switches make it easy and affordable to support basic Cisco IOS® services at the edge of the network.

Cisco Catalyst® 2950-24 and 2950-12 Fast Ethernet switches provide managed 10/100 connectivity at the edge of small to midsize networks, delivering wire-speed performance across all ports.

They offer Cisco IOS Software functionality for basic data, voice, and video services, with features to improve availability, security, and quality of service (QoS).

Product Benefits

High Availability

Increase network uptime and employee productivity with rapid failover recovery, Layer 2 load balancing, bandwidth aggregation, and other capabilities that optimize performance and reliability.

Enhanced Security

Safeguard information and resources with controls that restrict specified Media Access Control (MAC) addresses to assigned ports, and private virtual LAN (VLAN) edges that ensure voice traffic travels directly along a virtual path without being diverted.

Advanced Quality of Service

Increase network efficiency and ensure urgent needs are met by expediting time-sensitive applications such as IP voice and video, without starving low-priority packets.

Cisco Catalyst 2950 Series Configurations

Product	Features	Placement
Cisco Catalyst 2950-24	Wire-speed standalone switching with 24 10/100 ports; 1 rack unit (RU)	Ideal for desktop connectivity
Cisco Catalyst 2950-12	Wire-speed standalone switching with 12 10/100 ports; 1 RU	Ideal for desktop connectivity

Cisco network platforms and the Cisco IOS Software running on them are a unified system, providing a firm foundation for building Internet applications, and reducing training, management, and troubleshooting costs.

High Availability Ensures employees can access data at all times, locally and remotely.

Redundancy

- Cisco Spanning-Tree Protocol enhancements such as UplinkFast/PortFast
- Support for the 300W Cisco redundant power supply system 300 (optional)

Management

- Award-winning Cisco Cluster Management Suite Software now enhanced to include video/voice configuration templates/wizards

Bandwidth Optimization

- Bandwidth aggregation via Cisco Fast EtherChannel® technology
- Layer 2 load balancing on redundant links via PVST+
- Multicast application management via IGMP snooping

Enhanced Security Protects sensitive data and network resources from threats.

- Private virtual LAN (VLAN) edge provides security and isolation between ports on a switch
- Port security for Media Access Control (MAC)-based port-level security

Advanced Quality of Service Prioritizes critical traffic and applications to avoid bottlenecks.

- Support for reclassifying frames based on 802.1p class of service values
- Four queues per egress port
- Weighted Round Robin (WRR) and strict priority scheduling for egress queue servicing

Management Made Easy

Cisco Cluster Management Suite (CMS) Software simplifies repetitive and time-consuming network management tasks, saving tremendous time and resources.

Cisco CMS Software allows users to configure, troubleshoot, and perform software upgrades on up to 16 Cisco Catalyst switches at once, regardless of their geographic proximity, using a standard web browser. It features wizards that automatically configure

voice, video, and high-priority data ports, topology maps for a comprehensive layout of all clustered switches, and link graphs and reports for real-time traffic updates.

To make things easy right from the start, Cisco CMS Software is embedded in the switch — no installation required.

For more information

www.cisco.com/asiapac/smb_solutions



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