

WS-C2960S-F24TS-L Datasheet

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Overview

WS-C2960S-F24TS-L

Cisco Catalyst 2960-SF Series Switch

24 * 10/100 Fast Ethernet ports and 4 SFP GE uplinks

Up to 4 members stacking and up to 20Gbps of stack throughput

Flexstack technology support mixed stack with 2960S series switch

Cisco Smart operations, Auto Smart ports, Cisco EnergyWise, lower total cost of ownership

128MB memory (DRAM) and 64MB flash

Cisco WS-C2960S-F24TS-L switch is enterprise-class layer 2 switch for branch and midsize campus applications. It enables reliable and secure network access with feature the lower total cost of ownerships. Cisco WS-C2960S-F24TS-L switch comes with 24 Fast ethernet ports and Gigabit SFP uplinks for multiswitch depolyments. This product supports flexstack technology, stacking is enabled by optional hot-swappable module. Flexstack technology provides a unified data plane, analyze a stack to be configured and managed as a single switch, the switch also support mixed stacking, which means 2960SF and 2960-S can be combined in a single stack. Consistent reliable and secure access is critical in today's networks to ensure a superior user experience. The Cisco WS-C2960S-F24TS-L provides flexible quality of service mechanisms that enable priority treatment a real time traffic such as voice over IP and critical business applications. The switch supports a range of authentication methods for network admission control to limit or deny access for unknown users and devices. The Cisco 2960SF series also provides new ipv6 features including ipv6 first top security to counteract thread at the access network.

2960SF support catalyst switch smart operations – a collection of time-saving features that address common network administration activities. Smart Install accelerates deployment by allowing switches to be automatically upgraded and configured by the network without the need to manually provision to a console connection. Auto smart ports detects when a new device such as an IP phone or Wireless Access point is connected to the switch and then automatically apply settings optimized for that device type, this eliminates the need to configure the switch when devices are added or moved. The switch also supports energy wise for monitoring and managing the energy consumption of connected devices. Finally management of 2960SF switch is supported by Cisco network assistant – a free application that simplifies configuration and troubleshooting. In summary, 2960SF series a Fast Ethernet provides reliable and secure network access with features the lower total cost of ownership.

Specification

Performance and Scalability Numbers for All Switch Models

Forwarding bandwidth	88 Gbps		
Switching bandwidth*	176 Gbps		
Flash memory	64 MB		
Memory DRAM	128 MB		
Max VLANs	255		
VLAN IDs	4000		
Maximum transmission unit (MTU)	9198 bytes		
Jumbo frames	9216 bytes		
Resource	Default	QoS	Dual
Unicast MAC addresses	8000	8000	8000
IPv4 IGMP groups	255	255	255
IPv4 MAC QoS access control entries (ACEs)	128	384	

IPv4 MAC security ACEs	384		256
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Download Resource

Transition Guide

-  [Cisco Catalyst 2960/2960-SF/2960-S Series Transition](#)
-  [Guide Guide to Upgrade Cisco Access and Backbone Switch](#)
-  [Selecting Cisco Switches-Campus, Branch, Digital Building](#)

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