WS-C2960S-48TD-L Datasheet

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Overview

The Cisco Catalyst 2960-S Series Switches WS-C2960S-48TD-L, similar to WS-C2960S-24TD-L but has twice ports to 48 Ethernet 10/100/1000 ports. Its 2 Ten Gigabit Ethernet SFP+ or 2 One Gigabit Ethernet SFP dual-purpose uplinks, with each dual-purpose uplink port has one port active at a time, for Gigabit Ethernet uplink flexibility, allowing use of either a copper or fiber uplink is also the distinctive function of this model, as excellent as WS-C2960S-24TD-L.

For WS-C2960S-24TD-L's datasheet, see: https://www.router-switch.com/ws-c2960s-24td-l-p-1511.html

WS-C2960S-48TD-L

Cisco Catalyst 2960-S Series Switch

48 Ethernet 10/100/1000 ports
Two 10 Gigabit Ethernet or 2 1 Gigabit Ethernet SFP+ uplink ports
Optional Cisco FlexStack stacking support
LAN Base image

WS-C2960S-48TD-L

The Cisco Catalyst 2960-S Series is ideal for:
• Deploying cost-effective wired connectivity in traditional desktop workspace environments
• Implementing quality of service (QoS) to provide priority treatment of voice and critical business applications
• Enforcing basic security policies to limit access to the network and mitigate threats
• Reducing total cost of ownership through simplified operations and automation

WS-C2960S-48TD-L

Specification

WS-C2960S-48TD-L Specifications	
General Information	
Device Type	Switch - 48 ports - Managed
Enclosure Type	Rack-mountable - 1U
Ports	48 x 10/100/1000 + 2 x 10 Gigabit SFP+
Power Over Ethernet (PoE)	Yes
Performance	Switching capacity : 176 Gbps Forwarding performance (64-byte packet size) : 101.2 Mpps
MAC Address Table Size	8K entries
Remote Management Protocol	SNMP 1, SNMP 2, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH
Encryption Algorithm	SSL
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Features	Layer 2 switching, auto-sensing per device, dynamic IP address assignment , auto-negotiation, BOOTP support, ARP support, load balancing, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, DiffServ support, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Access Control List (ACL) support, Quality of Service (QoS), Link Aggregation Control Protocol (LACP), Port Security, MAC Address Notification, Remote Switch Port Analyzer (RSPAN)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3ah, IEEE 802.1ab (LLDP)
RAM	128 MB
Flash Memory	64 MB Flash
Status Indicators	Port status, link activity, port transmission speed, port duplex mode, power, system
Expansion / Connectivity	

WS-C2960S-48TD-L Specifications

Interfaces	48 x 10Base-T/100Base-TX/1000Base-T - RJ-45 USB : 1 x 4 PIN USB Type A 1 x console - mini-USB Type B - management 1 x console - RJ-45 - management 1 x 10Base-T/100Base-TX - RJ-45 - management 2 x SFP+
Expansion Slot(s)	1 (total) / 1 (free) x Stacking Module
Power	
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	55 Watt
Miscellaneous	
Width	17.5 in. (44.5 cm)
Depth	11.8 in. (29.9 cm)
Height	1.8 in. (4.5 cm)
Weight	9.5 lbs (4.3 kg)
Rack Mounting Kit	Optional
MTBF	311,291 hour(s)
Compliant Standards	TUV GS, CISPR 22 Class A, GOST, BSMI CNS 13438 Class A, CISPR 24, NOM, VCCI Class A ITE, EN55024, CB, EMC, MIC, IEC 60950-1, EN 60950-1, UL 60950-1 Second Edition, RoHS, CSA C22.2 No. 60950-1, FCC Part 15 B Class A
Software / System Requirements	
Software Included	Cisco IOS LAN Base
Service & Support	Limited lifetime warranty
Service & Support Details	Limited warranty - replacement - lifetime - response time: next business day Limited warranty - power supply and fans - 5 years New releases update
Environmental Parameters	
Min Operating Temperature	23 °F (-5 °C)
Max Operating Temperature	104 °F (40 °C)
Humidity Range Operating	10 - 95% (non-condensing)
Min Storage Temperature	-13 °F (-25 °C)
Max Storage Temperature	158 °F (70 °C)
Humidity Range Storage	10 - 95% (non-condensing)

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