

Thuyết minh thông số kỹ thuật Switch mạng Cisco WS-C2960L-48TS-AP

Performance & Bandwidth thông số Switch - managed - 48 x 10/100/1000 + 4 x Gigabit SFP (uplink) - rack-mountable	
Mã	WS-C2960L-48TS-AP
Device Type	Switch - 48 ports - managed
Enclosure Type	Desktop, rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x Gigabit SFP (uplink)
Performance	Switching bandwidth: 104 Gbps Forwarding bandwidth: 52 Gbps
Capacity	MAC addresses: 8000 VLANs supported: 4094 Active VLANs: 64 SPAN bidirectional sessions: 1
Jumbo Frame Support	10240 bytes
Routing Protocol	IGMP
Remote Management Protocol	SNMP 3, CLI
Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features	Layer 2 switching, ARP support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, RADIUS support, Dynamic ARP Inspection (DAI), Cisco EnergyWise technology, Uni-Directional Link Detection (UDLD), fanless, Link Aggregation Control Protocol (LACP), MAC Address Notification, Per-VLAN Rapid Spanning Tree (PVRST), per-port broadcast throttling, Dynamic VLAN Support (GVRP), SNMP support, IGMP filtering, VLAN Trunking Protocol (VTP), Bridge protocol data unit (BPDU), Spanning-tree Root Guard (STRG), Network Timing Protocol (NTP)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1x, IEEE 802.3ah, IEEE 802.3az
Processor	ARM7: 800 MHz
RAM	512 MB
Flash Memory	256 MB
Status Indicators	System, status, PoE, link/speed
Expansion / Connectivity	
Interfaces	48 x 1000Base-T RJ-45 1 x console RJ-45 1 x console (mini-USB) Type B 1 x USB Type A 4 x 1000Base-X SFP uplink
Miscellaneous	
MTBF	2,412,947 hours
Compliant Standards	CISPR 22 Class A, CISPR 24, EN55024, EN55022 Class A, AS/NZS 60950-1, ICES-003 Class A, UL 60950-1, EN 60950-1 Second Edition, IEC 60950-1 Second Edition, VCCI Class A, KN24, RoHS 2011/65/EU, AS/NZS CISPR22:2004 Class A, FCC CFR47 Part 15 B Class A, CAN/CSA C22.2 No. 60950-1 Second Edition, EN 300386
Power	
Power Device	Internal power supply
Voltage Required	AC 120/230 V (50 - 60 Hz)
Software / System Requirements	
Software Included	Cisco IOS LAN Lite
Environmental Parameters	
Min Operating Temperature	23 °F
Max Operating Temperature	131 °F
Humidity Range Operating	5 - 90%
Min Storage Temperature	-13 °F
Max Storage Temperature	158 °F
Humidity Range Storage	5 - 95%
Dimensions & Weight	

Width	17.5 in
Depth	9.4 in
Height	1.7 in
Weight	7.21 lbs