WS-C3750V2-48PS-S Datasheet

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Overview

WS-C3750V2-48PS-S

Cisco Catalyst 3750V2 Series Switch

48 Ethernet 10/100 ports with PoE and 4 SFP Gigabit Ethernet ports; 1RU
Lower power consumption than its predecessors
Backward compatible with Cisco Catalyst 3750 and 3750-E Series Switches
Open Shortest path First (OSPF) routing with IP Base feature set
Compatible with Cisco Redundant Power System (RPS) 2300
Uniform depth of 11.9 inches on all units for better cable management
IPv6 routing included in the IP Services feature set
EnergyWise support to monitor energy consumption of network infrastructure and implement energy saving programs to reduce energy costs

Cisco Catalyst 3750V2-48PS Layer 3 Switch is next-generation energy-efficient Layer 3 Fast Ethernet stackable switch. This new switch supports Cisco EnergyWise technology, which enables companies to measure and manage power consumption of network infrastructure and network-attached devices, thereby reducing their energy costs and their carbon footprints. The Cisco Catalyst 3750V2-48PS consumes less power than its predecessors and is the ideal access layer for enterprise, retail, and branch-office environments, as it increases productivity and investment protection by enabling a unified network for data, voice, and video.

Specification

WS-C3750V2-48PS-S data sheet	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	WS-C3750V2-48PS-S
Product Type	Switch - 48 ports - L3 - Managed
Form Factor	Fixed, Rack Mountable 1U, Stackable/Clustering
Switch Port density - Uplinks	48 x 10/100 + 4 x SFP
Power Over Ethernet (PoE)	Yes
MAC Address Table Size	12K entries
Routing Protocol	OSPF, IGRP, BGP-4, RIP-1, RIP-2, EIGRP, DVMRP, PIM-SM, static IP routing, PIM-DM
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c
Authentication Method	Kerberos, RADIUS, TACACS+, Secure Shell v.2 (SSH2)
Features	Layer 3 switching, DHCP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, traffic shaping, MAC address filtering, IPv6 support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), Dynamic ARP Inspection (DAI)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s

Flash Memory	32 MB Flash
LED Status Lights Indicators	Port status, link activity, link OK
Connectivity / Expansion Slots	
Interfaces	48 x 10Base-T/100Base-TX - RJ-45 - PoE 1 x console - RJ-45 - management 4 x SFP (mini-GBIC)
Power Supply Specifications	
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	71 Watt
Features	Redundant Power System (RPS) connector
Dimensions / Weight / Miscellaneous	
Width	44.3 cm
Depth	29.5 cm
Height	4.4 cm
Weight	5 kg
Compliant Standards	CE, GOST, CISPR 24, NOM, EN55024, EN55022 Class A, CISPR 22, EMC, UL 60950-1, IEC 60950-1, EN 60950-1, FCC Part 15 A
System Software	
Software Included	Cisco IOS IP Base Software
Manufacturer Warranty	
Service & Support	Limited lifetime warranty
Service & Support Details	Limited warranty - lifetime

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