

WS-C3750V2-24PS-S Datasheet

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Overview

WS-C3750V2-24PS-S

Cisco Catalyst 3750V2 Series Switch

24 Ethernet 10/100 ports with Power over Ethernet (PoE) and 2 SFP Gigabit Ethernet ports; 1 RU

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 3750V2-24PS 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 3750V2-24PS 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-C3750V2-24PS-S data sheet	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	WS-C3750V2-24PS-S
Product Type	Switch - 24 ports - L3 - Managed
Form Factor	Fixed, Rack Mountable 1U, Stackable/Clustering
Switch Port density - Uplinks	24 x 10/100 + 2 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, MAC address filtering, IPv6 support, DHCP snooping, Dynamic Trunking Protocol (DTP) support, Trivial File Transfer Protocol (TFTP) 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
Connectivity / Expansion Slots	
Interfaces	24 x 10Base-T/100Base-TX - RJ-45 1 x console - RJ-45 - management 2 x SFP (mini-GBIC)
Power Supply Specifications	
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Features	Redundant Power System (RPS) connector
Dimensions / Weight / Miscellaneous	
Width	44.3 cm
Depth	29.5 cm
Height	4.4 cm
Weight	4.6 kg
MTBF	275,360 hour(s)
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 features
Manufacturer Warranty	
Service & Support	Limited lifetime warranty
Service & Support Details	Limited warranty - lifetime

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Transition Guide

 [Guide to Upgrade Cisco Access and Backbone Switch](#)

 [Selecting Cisco Switches-Campus, Branch, Digital Building](#)

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