

WS-C3750G-24WS-S50 Datasheet



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Overview

The Cisco Catalyst WS-C3750G-24WS-S50, with 24 10/100/1000 PoE ports, 2 SFP module slots, and an integrated Cisco wireless LAN controller supporting up to 50 Cisco Access Points

- 24 Ethernet 10/100/1000 ports with IEEE 802.3af and Cisco prestandard PoE
- 2 SFP-based Gigabit Ethernet ports
- Integrated Wireless LAN Controller
- Supports up to 50 Lightweight Access Points
- 32-Gbps, high-speed stacking bus
- Innovative stacking technology
- 2 RU stackable, multilayer switch
- Enterprise-class intelligent services delivered to the network edge
- IP Base software feature set

Specification

WS-C3750G-24WS-S50 data sheet	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	WS-C3750G-24WS-S50
Product Type	Network management device Wireless Controller + Switch
Height (Rack Units)	2U
Width	44.5 cm
Depth	38.6 cm
Height	8.9 cm
Weight	9.5 kg
Processor / Memory / Storage	
Hard Drive	None.
Networking	
Form Factor	External
Ports Qty	24
Connectivity Technology	Wired
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Switching Protocol	Ethernet
Network / Transport Protocol	TCP/IP, UDP/IP, L2TP, ICMP/IP, IPSec, ARP

Remote Management Protocol	SNMP 1, RMON, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS
Capacity	Manageable access points : 50
LED Status Lights Indicators	Link activity, port transmission speed, port duplex mode, bandwidth utilization %, power, link OK, system
Features	Layer 3 switching, DHCP support, power over Ethernet (PoE), BOOTP support, ARP support, VLAN support, Syslog support, stackable, Intrusion Prevention System (IPS), Access Control List (ACL) support, Quality of Service (QoS), Network Admissions Control (NAC), Lightweight Access Point Protocol (LWAPP) support
Encryption Algorithm	LEAP, Triple DES, RSA, MD5, AES, IKE, SSL, TLS 1.0, PEAP, TTLS, WPA, WPA2
Authentication Method	Secure Shell (SSH), RADIUS, X.509 certificates
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1D, IEEE 802.1Q, IEEE 802.11b, IEEE 802.11a, IEEE 802.3af, IEEE 802.11d, IEEE 802.11g, IEEE 802.1x, IEEE 802.11i, IEEE 802.11n (draft), IEEE 802.11h
Connectivity / Expansion Slots	
Expansion Slot(s)	2 (total) / 2 (free) x SFP (mini-GBIC)
Interfaces	24 x network / power - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45 1 x management - console - 9 pin D-Sub (DB-9) 1 x network stack device x 2
Dimensions / Weight / Miscellaneous	
MTBF	209,170 hour(s)
Compliant Standards	CE, FCC Class A certified, EN55022, VCCI Class A ITE, EN55024, AS/NZS 60950-1, FCC Part 15, ICES-003 Class A, UL 60950-1, IEC 60950-1, EN 60950-1, CSA C22.2 No. 60950-1-03
Power Supply Specifications	
Power Over Ethernet (PoE) Supported	Yes
Power Device	Power supply - internal
Power Consumption Operational	254.9 Watt
System Software	
OS Provided	Cisco IOS IP Base

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Transition Guide

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

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