WS-C3750E-24PD-E Datasheet

Overview

Cisco Catalyst 3750E-24PD-E Switch with StackWise Plus is an enterprise-class stackable wiring closet switch that facilitates the deployment of secure converged applications while maximizing investment protection for evolving network and application requirements. Combining 10/100/1000 and Power over Ethernet (PoE) configurations with 10 Gigabit Ethernet uplinks, the Cisco Catalyst 3750E-24PD-E enhances worker productivity by enabling applications such as IP telephony, wireless, and video.

- 24 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports
- 64-Gbps, high-speed StackWise Plus stacking
- 160-Gbps wire rate, nonblocking switching fabric capacity
- Field-replaceable 750WAC power supply and fan tray
- 420W available for Cisco Enhanced PoE, allowing > 15.4W to all 24 ports
- 1 rack unit (RU) stackable multilayer switch
- IPv6
- IP Services software feature set (IPS)
- Provides full IPv6 dynamic routing

Specification

WS-C3750E-24PD-E data sheet	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	WS-C3750E-24PD-E
Manufacturer Website Address	www.cisco.com
Brand Name	Cisco
Product Line	Catalyst
Product Series	3750-E
Product Model	3750E-24PD-E
Product Name	Catalyst 3750-E 24-Port Multi-Layer Ethernet Switch with PoE
Product Type	Layer 3 Switch
Interfaces/Ports	
Number of Ports	24
Gigabit Ethernet Port	Yes
Media & Performance	
Connectivity Media	Category 5 UTP 100/1000Base-T
Connectivity Media	Category 4 UTP 10Base-T
Connectivity Media	Category 3 UTP 10Base-T

Performance	65.5Mpps Forwarding Rate
Performance	64Gbps Stacking Bandwidth
Performance	95Mpps Forwarding Rate For 64-byte Packet
Performance	128Gbps Switching Fabric
Performance	68Gbps Backplane Speed

I/O Expansions

Number of Expansion Slots	2
Expansion Slots	(2 Total) X2 Uplink

Network & Communication

Layer Support	2
Layer Support	3
Layer Support	4
Number of Stacks	9

Management & Protocols

Manageable	Yes
Management	Cisco IOS Software CLI Cisco Network Assistant CiscoWorks LAN Management Solution (LMS) IEEE 802.1Q VLAN IEEE 802.1p QoS Telnet Interface SNMP v1, v3, v2c
Memory	
Standard Memory	256 MB
Memory Technology	DRAM
Flash Memory	64 MB

Software

Operating System	IP Services software feature set (IPS)

Power Description

Input Voltage	220 V AC
Input Voltage	110 V AC
Input Voltage Range	100 V AC to 240 V AC
Power Source	AC Adapter
Redundant Power Supply	Yes

Physical Characteristics	
Dimensions	1.75" Height x 17.50" Width x 18.10" Depth
Weight (Approximate)	18.30 lb
Miscellaneous	
Package Contents	Catalyst 3750-E 24-Port Multi-Layer Ethernet Switch with PoE Documentation AC Power Cord Console Cable StackWise Cable Two 19-inch Mounting Brackets Cable Guide Four Rubber Mounting Feet Power Cord Retainer Four number-12 Phillips Machine Screws Twelve number-8 Phillips Flat-Head Screws One Black Phillips Machine Screw Ground Lug Screw and Ring Terminal
Additional Information	370W available for PoE, allowing full 15.4W to all ports IPv6 Field-replaceable 750WAC power supply and fan tray

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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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