WS-C3560-48PS-S Datasheet

Overview

Cisco Catalyst 3560 Series is a line of fixed-configuration, enterprise-class switches that include IEEE 802.3af and Cisco prestandard Power over Ethernet (PoE) functionality in Fast Ethernet and Gigabit Ethernet configurations. The Cisco Catalyst 3560 is an ideal access layer switch for small enterprise LAN access or branch-office environments, combining both 10/100/1000 and PoE configurations for maximum productivity and investment protection while enabling the deployment of new applications such as IP telephony, wireless access, video surveillance, building management systems, and remote video kiosks.

- 48 Ethernet 10/100 ports and 4 SFP-based Gigabit Ethernet ports
- 1RU fixed-configuration, multilayer switch
- Enterprise-class intelligent services delivered to the network edge
- IEEE 802.3af and Cisco prestandard Power over Ethernet
- IP Base software feature set (IPB)

Specification

Specifications	
Type	Fixed
Topology	Ethernet (10/100BaseTX) Ethernet (10/100/1000 Ethernet PortsBaseT) Gigabit Ethernet (SFP)
Maximum Port density	48 10/100 PoE ports
Uplinks	4 SFP ports
Modular/Expansion Slots	n/a
Architecture	Layer 2 Switching (basic connectivity), Layer 2 Switching (intelligent services), Layer 3 Switching, Voice Enabled
Form Factor	Fixed, Rack Mountable, Standalone/Clustering
Dimensions	1.73 x 17.5 x 14.85 in.
DRAM	128 MB
Features	
Specialized Service Modules	n/a
Security	
DHCP Snooping	✓
Dynamic ARP Inspection	✓
IP Source Guard	✓
RP Rate Limiters	
TCP Intercept	
802.1x	✓
Port Security	✓

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Dynamic VLANs	✓
Private VLANs	✓
Private VLAN Edge	✓
Secure Shell	✓
SNMPv3	✓
Unicast RPF	
ACLs (L2-L4)	✓
Kerberos	✓
TACACS+	✓
RADIUS	✓
High Availability/Resilliency	
Hardware Redundancy	External Redundant Power Supply
High Availability/Resilliency	PVST, Broadcast Suppression, Unicast Suppression, Mulitcast Suppression, Spanning Tree, Portfast, Uplink Fast, Backbone Fast, 802.1s, 802.1w, HSRP
Management	
Management features	SPAN, RSPAN, CiscoView, Cisco Discover Protocol (CDP), Virtual Trunking Protocol (VTP), Telnet Client, BOOTP, TFTP, CiscoWorks, CWSI, RMON, SNMP, Clustering, Web-Based Management
Scalability	
WAN Interface Support	n/a
Throughput	13.1 Mpps
Backplane Capacity	17.6 Gbps
Number of VLANs	4k, 1024
QOS/VoiceMulticast/Multimedia	
Voice Services	✓
IPv6 Support	
WRR	
QoS - Policing	
QoS - Scheduling	✓
802.1p	✓
802.1Q	✓
ISL	
CGMP	✓
DSCP	✓
L2 -L4 QOS ACLs	✓
PIM	

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DMRP	✓
IGMP	✓
IGMP Snooping	✓
QOS - Multiqueues	✓
QOS - Marking Classification	✓
QPM	
Power over Ethernet	✓
Multilayer QOS/Security	
Layer 2	✓
Layer 3	✓
Layer 4	
Layer 4+	

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