

# WS-C3560-24PS-S Datasheet

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## 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.

- 24 Ethernet 10/100 ports and 2 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)<br>Ethernet (10/100/1000 Ethernet PortsBaseT)<br>Gigabit Ethernet (SFP)                    |
| Maximum Port density        | 24 10/100 PoE ports  |
| Uplinks                     | 2 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 11.81 in.  |
| DRAM                        | 129 MB   |
| Features                    |  |
| Specialized Service Modules | n/a  |
| Security                    |  |
| DHCP Snooping               | <input type="checkbox"/>   |
| Dynamic ARP Inspection      | <input type="checkbox"/>   |
| IP Source Guard             | <input type="checkbox"/>   |
| RP Rate Limiters            |  |
| TCP Intercept               |  |
| 802.1x                      | <input type="checkbox"/>   |
| Port Security               | <input type="checkbox"/>   |
| Dynamic VLANs               | <input type="checkbox"/>   |

|                               |  |
|-------------------------------|--|
| Private VLANs                 | <input type="checkbox"/>   |
| Private VLAN Edge             | <input type="checkbox"/>   |
| Secure Shell                  | <input type="checkbox"/>   |
| SNMPv3                        | <input type="checkbox"/>   |
| Unicast RPF                   |  |
| ACLs (L2-L4)                  | <input type="checkbox"/>   |
| Kerberos                      | <input type="checkbox"/>   |
| TACACS+                       | <input type="checkbox"/>   |
| RADIUS                        | <input type="checkbox"/>   |
| High Availability/Resiliency  |  |
| Hardware Redundancy           | External Redundant Power Supply  |
| High Availability/Resiliency  | PVST, Broadcast Suppression, Unicast Suppression, Multicast 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                    | 6.6 Mpps   |
| Backplane Capacity            | 8.8 Gbps   |
| Number of VLANs               | 4k, 1024   |
| QoS/VoiceMulticast/Multimedia |  |
| Voice Services                | <input type="checkbox"/>   |
| IPv6 Support                  |  |
| WRR                           |  |
| QoS - Policing                |  |
| QoS - Scheduling              | <input type="checkbox"/>   |
| 802.1p                        | <input type="checkbox"/>   |
| 802.1Q                        | <input type="checkbox"/>   |
| ISL                           |  |
| CGMP                          | <input type="checkbox"/>   |
| DSCP                          | <input type="checkbox"/>   |
| L2 -L4 QoS ACLs               | <input type="checkbox"/>   |
| PIM                           |  |
| DMRP                          | <input type="checkbox"/>   |
| IGMP                          | <input type="checkbox"/>   |

|                              |   |
|------------------------------|---|
| 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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