Gigabit Network Switches

P32S36GM 36-Port Managed Gigabit Switch with 32-ports PoE and 4xSFP Uplink

2 YEAR WARRANTY

Features

- Layer-2 managed switch (supporting PoE function).
- 32 x 10/100/1000Mbps adaptive RJ45 ports and 4 x SFP Gigabit optical ports. Two SFP to RJ45 adapters included.
- Each RJ45 port supports MDI/MDIX auto flip and wire-speed forwarding functions.
- Ports 1-32 support Power over Ethernet and follows the IEEE802.3af/at standard.
- Can automatically detect and identify a power-receiving device and supply power to it through a network cable.
- Uses store-and-forward mode, combined with QoS technology, to ensure that the bandwidth is effectively allocated to each port.
- Provides stable and reliable power and data transmission for high-power AP, network cameras, PTZ network dome cameras, PoE lighting and other security monitoring equipment.

NDAA COMPLIANT

*Products are in compliance with NDAA Section 889 Part B Guidelines

Specifications	
Ports	
Fixed Ports	32* 10/100/1000 Base-T + Uplink 4* 1000 Base-X
Management Port	Supports console
LED Indicators	PWR, SYS, Link/ACT LED
Cable Type & Transmission Distance	
Twisted-Pair	Non PoE: 0-100m (CAT5e, CAT6) PoE (1000Mbps): 0-100m (CAT5e, CAT6) PoE (10Mbps): 0-250m (CAT5e, CAT6)
Mono-mode Optical Fiber	20/40/60/80/100KM
Multi-mode Optical Fiber	550m
Network Topology	
Ring Topology	Supports
Star Topology	Supports
Bus Topology	Supports
Tree Topology	Supports
Hybrid Topology	Supports
Electrical Specifications	
Input Voltage	100-220V/AC 50/60Hz 1A-5A
Total Power Consumption	Non PoE full load < 40W PoE full load < 440W
PoE Support	
PoE Ports	1-32
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2+:3,6-
PoE Management	Supports
Layer 2 Switching	
Switching Capacity	72G
Packet Forwarding Rate	53.568 Mpps
MAC Address Table	16K
VLAN	Supports 4K
Buffer	12M
Forwarding Delay	<10us
MDX/MIDX	Supports
Flow Control	Supports
Jumbo Frame	Supports 10Kbytes
Spanning Tree	Supports STP/RSTP/MSTP
Ring Protocol	Supports ERPS
Link Aggregation	Supports 12 pairs
Multicast	Supports IGMP Snooping
Port Mirroring	Supports
Storm Control	Supports
Interface Counters	Supports
QINQ	Supports
802.1X	Supports
Port Isolation	Supports
Rmon	Supports
NTP Client	Supports
DHCP Client	Supports
DHCP Snooping	Supports
Ping/Tracert Test	Supports
Fiber Transceivers DDM	Supports
Convergence	
ACL	Supports ACL 500 Supports IP standard ACL Supports MAC extend ACL Supports IP extend ACL
QoS	Supports QoS re-marking, priority mapping Supports SP, WRR queue scheduling Supports entry and exit speed limit Supports flow-based QoS
Management	
CLI	Supports
Console	Supports
Telnet/SSH	Supports
WEB Management	Supports
Management IP	Supports IPV4/IPV6
SNMP	Supports SNMPv1/v2c/v3
User Management	Supports
System Log	Supports
Configuration File Download/Upload	Supports
Upgrade Firmware	Supports
Environment	
Operating Temperature	-13°F~140°F (-25°C~+60°C)
Storage Temperature	-40°F~158°F (-40°C~+70°C)
Relative Humidity	5%~95% non-condensing
Thermal Methods	PoE: forced cooling by fan
MTBF	100,000h

Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 2/24/22

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Specifications	
Mechanical Dimensions	
Product Size	17.25" x 11.75" x 1.9" (440*290*44mm)
Installation Method	Rack mount
Weight	8.8lbs (4.0kg)
EMC & Ingress Protection	
Surge Protection of Power	Common mode 6KV, differential mode 6KV
Surge Protection of Ethernet Port	Common mode 4KV
ESD	Contact 8K, air 15K
Free Fall	0.5m
Accessories	
Accessories	Power cord, user manual, dust plug

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