IP | Gigabit Network Switches

P32S36GM

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

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.

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	✓
Star Topology	✓
Bus Topology	✓
Tree Topology	✓
Hybrid Topology	✓

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 up to 30W per port, total 400W PoE Budget
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
Buffer	12M
Forwarding Delay	<10us
MDX/MIDX	✓
Flow Control	✓
VLAN	Supports 4K
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	✓
Storm Control	✓
Interface Counters	✓
QINQ	✓
802.1X	✓
Port Isolation	✓
Rmon	✓
NTP Client	✓
DHCP Client	✓
DHCP Snooping	✓
Ping/Tracert Test	✓
Fiber Transceivers DDM	✓

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