PoE L3 Switch HSGQ 5122 Series

Variants

L3 5512P L3-5512

Details

The **8GE + 4×10G SFP+ PoE Managed Switch** is a high-performance Layer 3 switch designed for enterprise networks, ISPs, CCTV surveillance, wireless deployments, hotels, campuses, and industrial networking. It combines Gigabit PoE access ports with high-speed 10G SFP+ uplinks, delivering reliable power and high-bandwidth optical connectivity.

Supporting IEEE 802.3af/at PoE, advanced Layer 3 routing, VLAN, QoS, security, and comprehensive management features, this switch is ideal for powering IP cameras, wireless access points, VoIP phones, and other PoE-enabled devices while providing scalable fiber uplink connectivity.

PoE Ports

8 × GE

Fiber Uplink

4 × 10G SFP+

PoE Budget

120W

Switching Capacity

96Gbps

Key Features

? 8 × Gigabit PoE RJ45 Ports

? 4 × 10G SFP+ Optical Uplink Ports

? IEEE 802.3af / 802.3at PoE Support

? Up to 30W PoE Output Per Port

? Advanced Layer 3 Switching & Routing

? High-Speed 10G Fiber Aggregation

? Enterprise Security, VLAN & QoS

? Rack Mount Industrial Metal Design

Hardware Specifications

Parameter	Specification
Downlink Ports	8 × Gigabit Ethernet RJ45

Parameter	Specification
Uplink Ports	4 × 10G SFP+
Console	1 × RS-232 (115200, 8, N, 1)
USB	1 × USB 2.0
Switching Capacity	96 Gbps (Non-blocking)
Forwarding Rate	71.424 Mpps
MAC Address Table	16K
Packet Buffer	12 Mbit
Jumbo Frame	12 KB
Forwarding Mode	Store and Forward

PoE Specifications

PoE Standard	IEEE 802.3af / IEEE 802.3at (PSE)
Power Supply Type	End-span
PoE Pin Assignment	1/2 (+), 3/6 (-)
Output Voltage	46–55V DC
PoE Output	30W Per Port
Total PoE Budget	120W

Power & Physical Specifications

Input Voltage	AC 100–240V, 50/60Hz
Power Consumption	24W (Switch Only)
Dimensions	330 × 240 × 44 mm
Weight	1.95 kg (Single PSU) / 2.15 kg (Dual PSU)
Material	Stainless Steel
Installation	Desktop / Rack-mounted

Reliability

8kV Contact ESD Protection

15kV Air ESD Protection

MTBF 100,000 Hours

Telcordia SR-332 Certified Design

Operating Temperature -20°C to +55°C

Humidity 5–95% Non-condensing

Applications

Enterprise Networks • ISP Networks • Wireless Access Points • IP CCTV Surveillance • Hotels • Campuses • Government Networks • Fiber Aggregation • Data Centers • Industrial Ethernet Networks

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