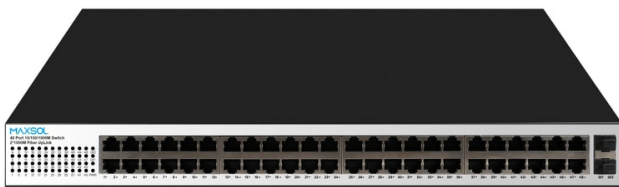


NETWORK SWITCH

48-Port Long-Range Gigabit Unmanaged PoE Switch, 400W

Model PS14802SFG

48-port long-range Gigabit unmanaged PoE switch with 2 Gigabit SFP uplinks, 400W PoE budget, wire-speed forwarding, VLAN, Extend, and watchdog.

Features

- 48 Gigabit PoE ports and 2 Gigabit SFP uplink slots
- Smart watchdog, VLAN isolation, and Extend functions
- 100Gbps non-blocking switching capacity and wire-speed forwarding
- Ports 1-48 support IEEE 802.3af/at, up to 30W per port
- 400W total PoE power budget with built-in AC power supply
- Desktop, wall-mounted, or 19-inch 1U rack-mount installation

Specification

Interfaces

Model	PS14802SFG
Fixed Ports	48 × 10/100/1000Base-T/TX PoE ports (data/power); 2 × 1000Base-X SFP uplink slots (data)
PoE Standard	Ports 1–48 support IEEE 802.3af/at, up to 30W per port
Network Protocols	IEEE 802.3 10BASE-T; IEEE 802.3i 10Base-T; IEEE 802.3x; IEEE 802.3u 100Base-TX; IEEE 802.3ab 1000Base-T; IEEE 802.3z 1000Base-X; IEEE 802.3u 100Base-FX
Ethernet Port Features	10/100/1000Base-T(X) auto-detection, full/half duplex, auto MDI/MDI-X
Fiber Port Features	Gigabit SFP slots; fiber modules ordered separately, with single-mode/multi-mode and single-fiber/dual-fiber LC options

Switch Performance

Switching Capacity	100Gbps, non-blocking
Forwarding Rate	74.4Mpps
MAC Address Table	8K
Buffer Memory	4M
Forwarding Mode	Store and forward
Twisted Pair Transmission	10BASE-T: Cat5 UTP up to 300m; 100BASE-TX and 1000BASE-T: Cat5 or later UTP up to 100m
Power Supply Pin	1/2(+), 3/6(-)
Maximum / Average Power per Port	30W / 15.4W
Power Supply	400W, AC 100–240V, 50–60Hz
Power Consumption	Standby <15W; full load <400W

Physical Characteristics

LED Indicators	PWR (green); Link/Act for ports 1–50 (green)
Operating Temperature / Humidity	-20°C to +55°C; 5%–90% RH, non-condensing
Storage Temperature / Humidity	-40°C to +75°C; 5%–95% RH, non-condensing
Installation	Desktop, wall-mounted, or 19-inch 1U rack-mounted
Protection	IEC 61000-4-2 ESD: ±8kV contact, ±15kV air; IEC 61000-4-5 surge: power CM ±4kV / DM ±2kV, ports ±6kV
Dimensions	440 × 290 × 44mm
Net / Gross Weight	<4kg / <4.5kg
Protection Level	IP30

Certification

Certification	CE, FCC, RoHS
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Package Contents

Switch	1 pc
Power cord	1 pc
Quick installation guide	1 pc



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