

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 Port	48*10/100/1000 Base-T/TX PoE ports (Data/Power) 2*1000Base-X uplink SFP fiber slot ports (Data)

PoE

PoE Port	Port 1-48 support PoE @ IEEE802.3af/at
Ethernet Port Feature	10/100/1000Base-T(X) automatic detection, full/half Duplex MDI/MDI-X adaptive
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000base-X; IEEE802.3u 100Base-FX; IEEE802.3x.
PoE Standard	IEEE802.3af/at
Fiber Port Feature	Gigabit SFP Port (Fiber module is not included, need to order separately, module options include single/multi-mode, single/dual fiber, LC)
Forwarding Mode	Store and Forward

Switch Property

Switching Capacity	100Gbps (non-blocking)
Forwarding Rate	74.4Mpps
MAC	8K
Buffer Memory	4M
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤300 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-TX: Cat5 or later UTP (≤100 meter)
Power Supply Pin	Default 1/2(+), 3/6(-)
MAX / AVERAGE Power Per Port	30W/15.4W
Total Power / Input Voltage	400W (100-240V)
Power Consumption	Standby: <15W; Full load: <400W

Physical Characteristics

LED Indicator	Power indicator: PWR (Green) Network indicator: 1-48(Link/Act)/ (Green), 49-50(Link/Act)/ (Green)
Power Supply	Built in switching power supply, AC100~240V 50-60Hz
Operation TEMP / Humidity	-20~+55°C;5%~90% RH non condensing
Storage TEMP / Humidity	-40~+75°C;5%~95% RH non condensing
Dimension	440*290*44mm
Net /Gross Weight	<4kg / <4.5kg
Installation Method	desktop type, wall mounted,19-inch 1U cabinet installation
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/ Surge): Power:CM±4kV/DM±2kV; Port: ±6kV
Protection Level	IP30

Certification

Certification	CE, FCC, RoHS,
---------------	----------------

Package Contents

Switch	1 pcs
Power cord	1 pcs
Quick installation guide	1 pcs



Contact us

Maxsol

Website

<https://maxsol-tech.com>

Phone

+86 19849790018

Email

sales@maxsol-tech.com

Service area

Global

Address

5/F, Bangshen Lixinhu Technology Industrial Park, No. 132 Dayang Road, Fuhai Subdistrict, Bao'an District, Shenzhen, China

[Facebook](#)

[LinkedIn](#)

[WhatsApp](#)