

NETWORK SWITCH

8-Port Gigabit PoE+ Switch, 2 SFP Uplinks

Model PS1802SFG



Industrial 8-Port Gigabit PoE+ switch featuring 120W budget and 2 SFP slots. Supports VLAN and AI Watchdog. Reliable networking solution for system integrators.

Features

- 8GE+2GF Full Gigabit PoE Switch
- Supports smart watchdog, VLAN, and Extend mode
- Supports 10/100/1000Mbps auto-negotiation, auto MDI/MDI-X
- Supports desktop, wall-mounted, and rack-mount installation
- Ports 1-8 support IEEE 802.3af/at PoE, up to 30W per port
- Internal 120W power supply included
- Wire-speed forwarding on all ports

Specification

Interfaces

Model	PS1802SFG
Fixed Port	8 * 10/100/1000Base-T/TX PoE ports (Data/Power) 2 * 10/100/1000Base-T/TX SFP Ports (Data)

PoE

PoE Port	Port 1-8 support PoE
Feature	With the Dial code switch, support port priority by default. E: AI Extend 300 meters transmission and auto speed change of single port (limit 10 Mbps), other ports maintain 100M/1000M within 100 meters; V: Turn on, 1-8 Port support each port Isolation & VLAN; D: Turn on, 1-8 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem & reduce after-sale.
Network Protocol	IEEE 802.3 10BASE-T; IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX; IEEE 802.3ab 1000Base-T; IEEE 802.3x
Ethernet Port Feature	10/100 Base-T(X), 10/100/1000 Base-T automatic detection; full/half Duplex; MDI/MDI-X adaptive
Fiber Port Feature	Gigabit SFP Port (Fibre 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	22Gbps
Buffer Memory	4M
MAC	4K
Forwarding Rate	16.368Mpps
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤300 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5 or later UTP (≤100 meter)
Power Supply Pin	Default 1/2 (+), 3/6 (-);
MAX / AVERAGE Power Per Port	30 W / 15.4 W
Total PWR / Input Voltage	120W
Power Consumption	Standby: < 2 W Full load: < 120 W

Physical Characteristics

LED Indicator	Power indicator: PWR (Green); Network indicator: 1-8(Link/Act) (Green), 9-10(Link/Act) (Green)
Power Supply	Build-in power adaptor AC100~240V, 50-60Hz, 120W
Operation TEMP / Humidity	-20~+55°C; 5%~90% RH non-condensing
Storage TEMP / Humidity	-40~+75°C 5%~95% RH non-condensing
Dimension	220 * 145 * 45 mm
Net /Gross Weight	<1 kg / <1.2 kg
Installation Method	Desktop type, wall mounted
Protection	IEC 61000-4-2 (ESD): ±8 kV contact discharge, ±15 kV air discharge IEC 61000-4-5 (Lightning protection/Surge): Power: CM ±4 kV / DM ±2 kV; Port: ±6 kV
Protection Level	IP30

Certification

Certification	CE, FCC, RoHS
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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

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