

8GE+2GE+1GF Gigabit PoE Switch

Model: PS1802FG



Product Introduction

PS1802FG has 8*10/100/1000M PoE ports+2*10/100/1000M uplink RJ45 and 1*10/100/1000M SFP ports. Port 1–8 can support IEEE 802.3af/at standard PoE power supply, and single port PoE power reaches 30W. The maximum PoE output power is 120W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises.

Features

- ◎ 8*10/100/1000M POE+ 2*1000MRJ45 +1*1000M SFP Port PoE Switch, 1–8 ports support IEEE802.3af/at
- ◎ Comply with IEEE 802.3, IEEE 802.3u , IEEE 802.3ab standards
- ◎ PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port
- ◎ Support AI Watchdog, Port self-healing, VLAN, extend 300meter distance, Auto Speed Change, Priority port & reduce the after-resale
- ◎ Supports POE devices such as wireless access points (APs) and network surveillance cameras through Category 5/6 Ethernet cables
- ◎ The power supply total is 120W

Integrated Solution, Better Living

Specification

Model	PS1802FG
Interfaces	
Fixed Port	<p>8*10/100/1000Base-T/TX PoE ports (Data/Power)</p> <p>2*10/100/1000Base-T/TX Uplink RJ45 ports (Data)</p> <p>1*10/100/1000Base-T/TX SFP Ports(Data)</p>
PoE	
POE Port	Port 1-8 support PoE
Feature	<p>With the Dial code switch, support port priority by default.</p> <p>E: AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 100M/1000M within 100 meters;</p> <p>V: Turn on, 1-8 Port support each port Isolation & VLAN;</p> <p>D: Turn on, 1-8 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem & reduce after-sale.</p>
Network Protocol	<p>IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;</p> <p>IEEE802.3u 100Base-TX;</p> <p>IEEE802.3ab 1000Base-T;</p> <p>IEEE802.3x</p>
Ethernet Port Feature	10/100Base-T(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive
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	22Gbps
Buffer Memory	4M
MAC	4K
Forwarding Rate	16.368Mpps
Twisted Pair Transmission	<p>10BASE-T: Cat5 UTP (≤300 meter)</p> <p>100BASE-TX: Cat5 or later UTP (≤100 meter)</p> <p>1000BASE-T: Cat5 or later UTP (≤100 meter)</p>
Power Supply Pin	Default 1/2(+), 3/6(-);
MAX / AVERAGE Power Per Port	30W/15.4W
Total PWR / Input Voltage	120W

Power Consumption	Standby:<2W; Full load:<120W
Physical Characteristics	
LED Indicator	Power indicator: PWR (Green)
	Network indicator: 1-8(Link/Act)/ (Green),9-11(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*45mm
Net /Gross Weight	<1kg / <1.2kg
Installation Method	desktop type, wall mounted
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

HIMAX
TECHNOLOGY



HIMAX TECHNOLOGY LIMITED

www.himax-technology.com

Email: sales@himax-technology.com

F10, Fuhong Building, No.120 Yongfu Road, Qiaotou Community Fuhai Street, BaoanDistrict, Shenzhen China



Company Website