



8GE+2GE+1GF Gigabit PoE Switch

Model: PS1802FG



Product Introduction

PS1802FG has 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 Al 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



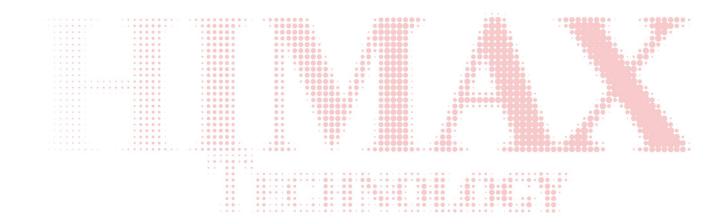
Specification

Model	PS1802FG	
Interfaces		
Fixed Port	8*10/100/1000Base-T/TX PoE ports (Data/Power)	
	2*10/100/1000Base-T/TX Uplink RJ45 ports (Data)	
	1*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: Al Extend 300meters transmission and auto speed change of single port (limit 10Mbps), 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 Al-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the	
	camera problem &reduce after-sale.	
	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;	
	IEEE802.3u 100Base-TX;	
Network Protocol	IEEE802.3ab 1000Base-T;	
	IEEE802.3x	
Ethernet Port Feature	10/100Base-T(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive	
	Gigabit SFP Port (Fiber module is not included, need to order separately, module options include	
Fiber Port Feature		
	single/multi-mode, single/dual fiber, LC)	
Forwarding Mode		
Switch Property		
Switching capacity	22Gbps	
Buffer Memory	4M	
MAC	4K	
Forwarding Rate	16.368Mpps	
	10BASE-T: Cat5 UTP (≤300 meter)	
Twisted Pair Transmission	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 30W/15.4W		
Total PWR / Input Voltage	120W	



Power Consum	ption	Standby:<2W; Full load:<120W		
Physical Chara	cteristics			
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 TEM	P / 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 Conte	nts		***	
Switch		1 pcs	_	
Power cord		1 pcs	_	
Quick installation		1 pcs		







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

© 2024 himax-technology.com. All Rights Reserved.

Version, V1.0, updated 202401

The information in this document is subject to change without notice.

Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.