

Full Gigabit Industrial PoE Switch

Model: PS1402SFG-I



Product Introduction

The PS1402SFG-I is a full gigabit industrial PoE switch. It has 4*10/100/1000 Base-T RJ45 and 2*100/1000 Base-X SFP fiber slot ports. Port 1-4 can support IEEE 802.3af/at PoE standard, single-port PoE power up to 30W, and the maximum PoE output power of the host is 60W (at-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 device such as wireless AP, IP camera, industrial sensor through the network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for intelligent transportation, rail transit, power industry, mining, petroleum, sea transportation. Industrial scenes such as metallurgy and green energy construction form a cost-effective, stable, and reliable communication network.

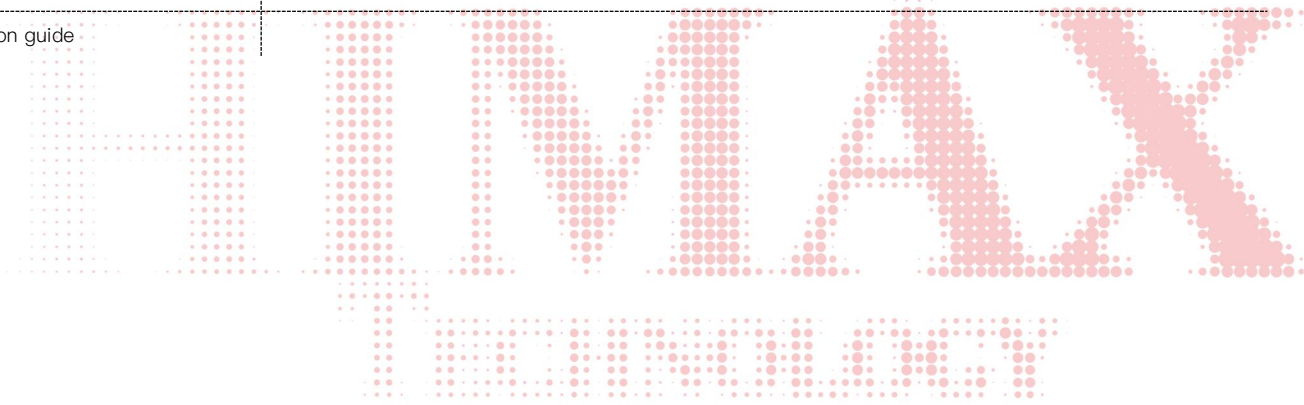
Features

- 4*10/100/1000M PoE ports+ 2*100/1000M SFP port Industrial PoE Switch
- PoE port1~port4 support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- Support AI Watchdog, Port self-healing, VLAN, extend 300meters distance, Auto Speed Change, Priority port & reduce the after-resale
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standards;
- PoE default: 1, 2(+)/3, 6(-)
- Operation TEMP:-40~85°C
- Input voltage: DC48-57V, Redundant dual power 5-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;
- 5 years warranty

Specification

Model		PS1402SFG-I	
Interfaces			
Interface	4*10/100/1000Base-T PoE ports (Data/Power) 2*100/1000Base-X uplink SFP fiber slot port (Data) 2 set of V+, V- redundant DC power interface (5Pin Phoenix terminal)		
Ethernet Port	Port 1-4 support 10/100/1000Base-T, auto-sensing, Full/half duplex MDI/MDI-X self-adaption		
Network Protocol	IEEE802.3 10BASE-T IEEE802.3u 100BASE-T/TX IEEE802.3ab 1000BASE-T IEEE802.3z 1000BASE-X IEEE802.3u 100BASE-FX IEEE802.3x.		
PoE			
PoE Standard	IEEE802.3af/at		
SFP Port	Gigabit SFP optical fiber port, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)		
Forwarding Mode	Store and Forward		
Switch Property			
Switching Capacity	12Gbps		
Forwarding Rate@64byte	8.93Mpps		
MAC	4K		
Buffer Memory	2M		
Jumbo Frames	10K		
MTBF	100000 hours		
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)		
Power Supply Pin	Default:1/2 (+), 3/6 (-)		
Working Voltage	48-57VDC; 5P industrial phoenix terminal, anti-reverse protection.		
Max Power Per Port	30W; IEEE802.3af/at		
Total PWR / Input Voltage	60W/48VDC (IEEE802.3af)	120W/48VDC (IEEE802.3at)	
Power Consumption	Standby:<2W; Full load:<60W	Standby:<2W; Full load:<120W	
Power Supply	No, optional 48V/60W or 48V/120W industrial power supply		
Physical Characteristics			
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-4(Link/Act)/ (Green),5-6(Link/Act)/ (Green); POE indicator: PoE (Orange)		
Operation TEMP / Humidity	-40~+80°C;5%~90% RH Non condensing		
Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing		
Dimension (L*W*H)	119*100*35mm		

Net /Gross Weight	<0.5kg/<0.7kg
Installation	Desktop, 35mm DIN rail
Lightning protection / protection level	<p>Lightning protection: 6KV 8/20us; Protection level: IP40</p> <p>IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge</p> <p>IEC61000-4-3(RS):10V/m(80~1000MHz)</p> <p>IEC61000-4-4(EFT): power cable: ±4kV; data cable: ±2kV</p> <p>IEC61000-4-5(Surge): power cable:CM±4kV/DM±2kV; data cable: ±4kV</p> <p>IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)</p> <p>IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s</p> <p>IEC61000-4-9(pulsed magnet field):1000A/m</p> <p>IEC61000-4-10(damped oscillation):30A/m 1MHz</p> <p>IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV</p> <p>IEC61000-4-16(common-mode transmission):30V; 300V,1s</p> <p>FCC Part 15/CISPR22(EN55022): Class A</p> <p>IEC61000-6-2(Common Industrial Standard)</p>
Warranty	5 years
Certification	
Certification	CE, FCC, RoHS,
Package Contents	
Switch	
DIN-Rail mounting accessories	
Quick installation guide	



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