



Harden Industrial PoE Switch

Model: PS1802FE-HI



Product Introduction

The PS1802FE-HI is a 10/100M industrial PoE fiber switch. It has 8*10/100M PoE ports and 2*10/100/1000M RJ45 ports and 2*100/1000M SFP slot ports, Port 1–8 can support IEEE 802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power is 120W (at–240W). 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 phone, industrial sensor through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for intelligent transportation, rail transit, electric power, mining, metallurgy and green energy. Industrial scenes such as construction set up a cost-effective and stable communication network. Unmanaged model, plug and play, no

Features

- © 8*100M POE + 2*100/1000M SFP+2*1000M RJ45 ports
- ◎ Industrial PoE Switch,1–8 ports support IEEE 802.3af/at;
- © 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.
- © PoE default: 1, 2(+)/3, 6(-)
- Operation TEMP:-40~85°C
- © Input voltage: DC48-57V, Redundant dual power 5-bit
- O Industrial terminals;
- IP protection level: IP40; Rail-type installation;
- 5 years warranty.



Specification

8+100/N Debt. 2+100/1000/A SP (2+100/M Debt. Shirtch Industrial Published SP (2+100/M Debt. Shirtch Industrial Published SP (2+100/M Debt. Shirtch Industrial Published SP (2+100/M Debt. SP (Model	PS1802FE-HI
Description	Interfaces	
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		8*100M PoE+2*100/1000M SFP+2*1000M RJ45 Industrial PoE Switch
2100/1006Bese_X SFP slot ports (Data)	Interface	8*10/100Base-T PoE ports (Data/Power)
2 + 1001/1000Rese—X SEP Set parts (Deta)		2*10/100/1000Base-T RJ45 ports (Data)
Port 1		2*100/1000Base-X SFP slot ports (Data)
Port 1		2 set of V+, V- redundant DC power interface (5 Pin Phoenix terminal)
	PoE	
IEEE802.3u 100BASE-T/TX IEEE802.3u 100BASE-T IEEE802.3u 100BASE-X IEEE802.3u 100BASE-X IEEE802.3u 100BASE-EX IEEE802.3u 100BAS	PoE Port	Port 1-8 supports POE @ IEEE802.3af/at
IEEE802.3ab 1000BASE_T IEEE802.3a 1000BASE_X IEEE802.3a 1000BASE_X IEEE802.3a 100BASE_PX IEEE802.3a 100B	Network Protocol	IEEE802.3 10BASE-T
		IEEE802.3u 100BASE-T/TX
IEEE802.3x 1000BASE-TX IEEE802.3x 100BASE-EX IEEE802.3x POE Standard IEEE802.3af/at 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/100M within 100 meters; V: Turn on, 1-4 Port support each port Isolation & VLAN; D: Turn on, 1-4 Port support PA-PoE Network self-healing mode(PoE Watchdog function), Automatic solve the camera problem&reduce after-saic. SEP Port Characteristic Gligabit SEP optical fiber interface, default matching optical modules, need to buy separately, (optional order mode / multi-mode, single Tiber //dokhlo fiber optical modules, need to buy separately, (optional order mode / multi-mode, single Tiber //dokhlo fiber optical modules. Forwarding Mode Store and Forward Switch Property 24Gbps (Non-Bickking) Forwarding Rate@64byte 17.856Mpps MAC 8K Buffer Memory 4M Jumbo Frame 10K 10BASE-T: Cat3,4,5 UTP (<100 meter) 1000BASE-T: Cat3,4,5 UTP (<100 meter) 1000BASE-T: Cat3,4,5 UTP (<100 meter) 1000BASE-T: Cat3 or later UTP (<100 meter) 1000BASE-T: Cat3 or later UTP (<100 meter) 1000BASE-T: Cat3 or John or - 40KM, 1550mm 0 - 20KM. Power Supply Pin Default 1/2 (+), 3/6 (-) Working Voltage 48-57VDC; 5 Pin industrial Phoenix terminal, support anti-reverse protection. Max Power Per Port 30W; IEEE802.3at/at		IEEE802.3ab 1000BASE-T
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Max Power Per Port 30W; IEEE802.3af/at	Power Supply Pin	Default 1/2 (+), 3/6 (-)
	Working Voltage	48-57VDC; 5 Pin industrial Phoenix terminal, support anti-reverse protection.
	Max Power Per Port	30W; IEEE802.3af/at
	Total PWR / Input Voltage	120W (48–57VDC)



Power Consumption	Standby:<3W; Full load:<120W
Physical Characteristics	
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-8(Link/Act)/(Green),9(Link/Act)/ (Green), Speed/ (Orange);
	POE indicator: PoE (Orange)
Power Supply	No, optional 48V/120W or 48V/240W industrial power supply
Operation TEMP / Humidity	-30~+65°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-30~+65°C;5%~95% RH Non condensing
Dimension	165*145*54mm
Net /Gross Weight	<1.3kg / <1.8 kg
	Lightning protection: 6KV 8/20us;
	Protection level: IP40
	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge
	IEC61000-4-3(RS):10V/m(80~1000MHz)
	IEC61000-4-4(EFT): power cable: ±4kV; data cable: ±2kV
	IEC61000-4-5(Surge): power cable:CM±4kV/DM±2kV; data cable: ±4kV
Lightning protection / protection	IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)
level	IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s
	IEC61000-4-9(pulsed magnet field):1000A/m
	IEC61000-4-10(damped oscillation):30A/m 1MHz
	IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV
	IEC61000-4-16(common-mode transmission):30V; 300V,1s
	FCC Part 15/CISPR22(EN55022): Class A
	IEC61000-6-2(Common Industrial Standard)
Certification	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	5 years
Package Contents	
Switch	1 pcs
DIN-Rail mounting accessories 1 pcs	
Quick installation guide	1 pcs







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Company Website

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