

6 Port Full Gigabit Industrial PoE Fiber Switch

4*GE POE+1*GE+1*GF Industrial PoE Switch

EWIND



- 4*10/100/1000M PoE ports+ 1*1000M RJ45 port + 1*100/1000M SFP port Industrial PoE Switch, port 1-4 support IEEE 802.3af/at;
- PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- 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.

RoHS **FC** **CE**

Introduction

The EW-PIS1806F-4GE is a full gigabit industrial PoE fiber switch. It has 4*10/100/1000Base-T POE ports and 1*1000M RJ45 port and 1*100/1000Base-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.

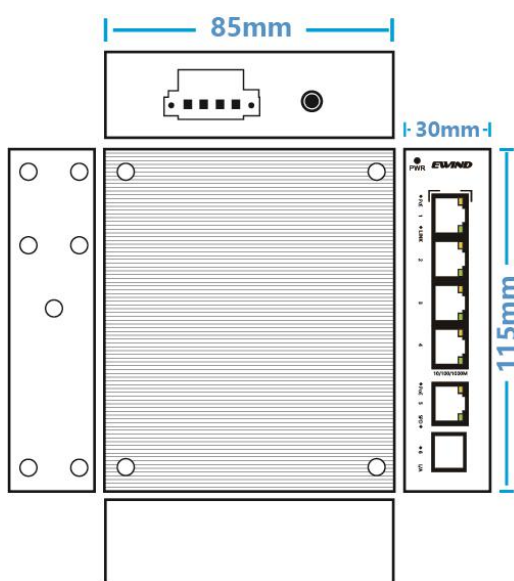
TECHNICAL SPECIFICATION

Model	EW-PIS1806F-4GE
Interface	4*10/100/1000Base-T PoE ports (Data/Power) 1*1000Base-T uplink RJ45 port (Data) 1*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-TX, auto-sensing, Full/half duplex www.ewindnet.com

	MDI/MDI-X self-adaption	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X, IEEE802.3x	
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)	
Optical Cable	Multimode: 850nm 0 ~ 550M, single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.	
Forwarding Mode	Store and Forward	
Switching Capacity	12Gbps	
Forwarding Rate@64byte	8.93Mpps	
MAC	4K	
Buffer Memory	1M	
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	
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-4(Link/Act)/ (Green),5-6(Link/Act)/ (Green), Speed/ (Orange); POE indicator: PoE (Orange)	
Operation TEMP / Humidity	-40~+85°C;5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+125°C;5%~95% RH Non condensing	
Dimension (L*W*H)	115*85*30mm	

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>
Certification	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	5 years, lifelong maintenance.

DIMENSION



APPLICATION



PACKING LIST

CONTENT	QTY	UNIT
6 Port Full Gigabit Industrial PoE Fiber Switch (EW-PIS1806F-4GE)	1	SET
User Guide	1	PC
Warranty Card	1	PC