



Technical Specification of Sepitam-PI104G-F-bt 4 Ports 90W Full Gigabit Industrial PoE Switch 4*GE POE+1*GF Industrial PoE Switch



Overview :

The Sepitam-PI104G-F-90 is a 10/100/1000M 90W industrial PoE switch. It has 4*10/100/1000M PoE ports and 1*100/1000M SFP port, Ports 1-4 can support IEEE 802.3af/at/bt PoE standard, single port max—PoE power up to 90W. 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. Through a network cable, it can supply power to PoE terminal equipment such as wireless AP, web cameras, VoIP phones, and industrial sensors. It also meets the network environment that needs a 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 configuration, easy to use.

Feature :

- 4*10/100/1000M PoE ports+ 1*100/1000M SFP port Industrial PoE Switch, port 1-4 support IEEE 802.3af/at/bt;
- PoE port support af/at/bt intelligent recognition. Maximum power: 90W/port;
- PoE default: 1, 2(+)/3, 6(-),
- Operation TEMP:-40~75°C
- Input voltage: DC48-57V, Redundant dual power 65-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;



TECHNICAL SPECIFICATION

Model	Sepitam-PI104G-F-bt
Interface	4*10/100/1000Base-T PoE ports (Data/Power) 1*100/1000Base-X uplink SFP fiber slot port (Data) 2 set of V+, V- redundant DC power interface (6 Pin Phoenix terminal)
POE Port	Port 1-4
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/bt
Ethernet Port Feature	Port 1-4 support 10/100/1000Base-T, auto-sensing, Full/half duplex MDI/MDI-X self-adaption
Fiber Port	Gigabit optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module.)
Forwarding Mode	Store and Forward
Switching Capacity	10Gbps
Forwarding Rate@64byte	7.44Mpps
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)
Optical Fiber Cable	Multi-mode: 850nm 0~550M; single mode: 1310nm 0~40KM, 1550nm 0-120KM.
Power Supply Pin	Default: 1/2 (+), 3/6 (-)
Working Voltage	48-57VDC; 6 PIN industrial phoenix terminal, anti-reverse protection.



Max Power Per Port	90W; IEEE802.3af/at/bt	
Power Consumption	Standby:<2W; Full load:<60W	Standby:<2W; Full load:<120W
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-4(Link/Act)/ (Green),5(Link/Act)/ (Green); POE indicator: PoE (Orange)	
Operation TEMP / Humidity	-40~+75°C;5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing	
Dimension (L*W*H)	118*86*39mm	
Net /Gross Weight	<0.7kg/<1.0kg	
Installation	Desktop, 35mm DIN rail	
Lightning protection / protection level	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 IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz) 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;	



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