



SEPITAM

ONE STEP SMARTER

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SEPLITAM
PI104G-F-bt



TYPE:

Sepitam-PI104G-F-bt

Industrial Ethernet Switches can be implemented in outdoor projects and challenging environments due to their stable performance in harsh environmental conditions, including a wide range of temperatures, high humidity, and electromagnetic radiation. PoE technology in these products greatly contributes to the easier power supplying of various network devices, and its management and configuration capabilities provide optimal performance.



- ▶ TYPE: Sepitam-PI104G-F-bt
- ▶ Technical Specification of Sepitam-PI104G-F-bt
- ▶ 4 Ports 90W Full Gigabit Industrial PoE Switch

▶ Description:

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.

▶ Properties:

- 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:-40~85°C
- Input voltage: DC48-57V, Redundant dual power 65-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;



► Specifications:

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

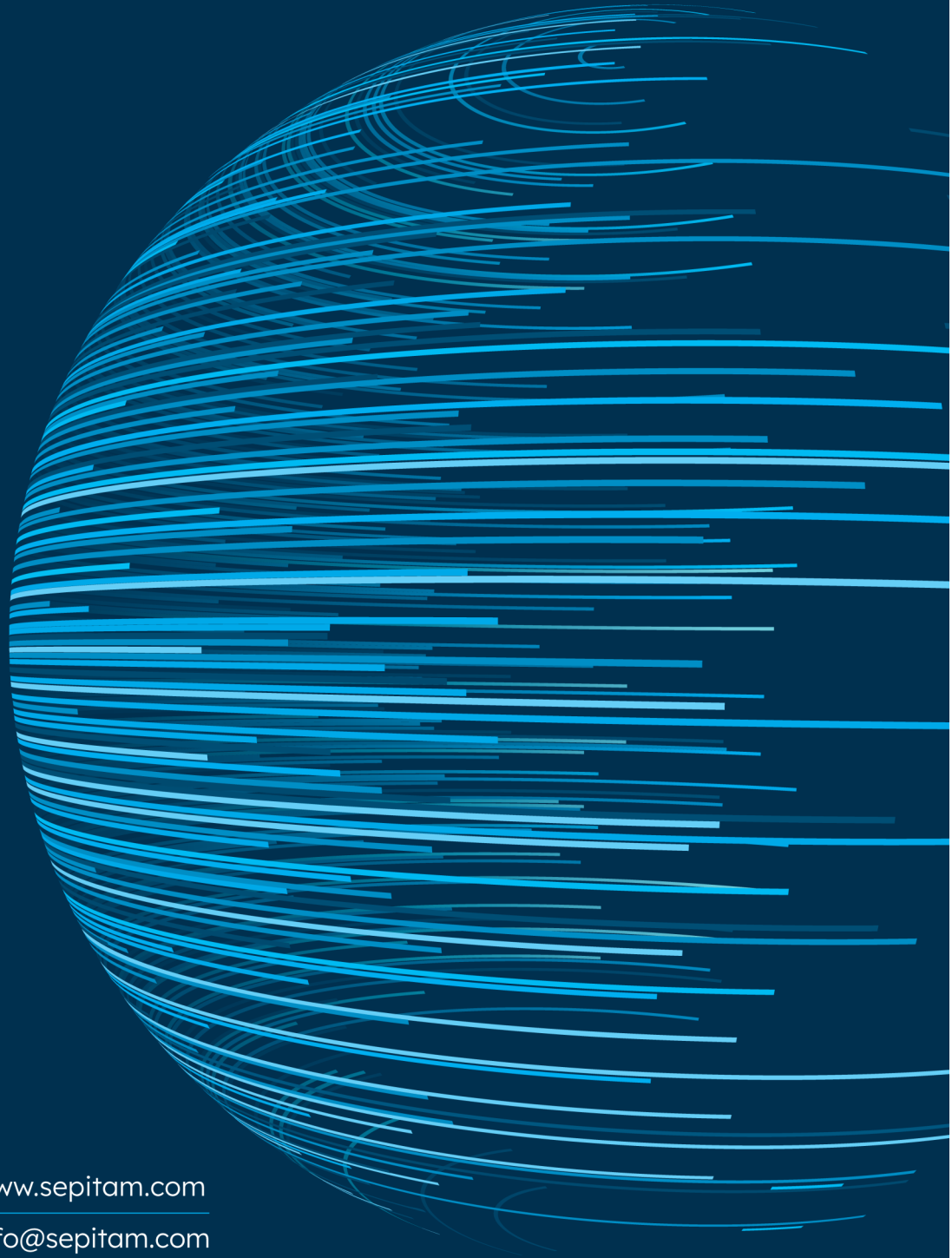


Model	Sepitam-PI104G-F-bt
MTBF	100000 hours
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤ 100 meter) 100BASE-TX: Cat5 or later UTP (≤ 100 meter) 1000BASE-T: Cat5e or later UTP (≤ 100 meter)
Optical Fiber Cable	Multi-mode: 850nm 0~550M; single mode: 1310nm 0~40KM,1550nm 0~120KM.
Power Supply Pin	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



Model	Sepitam-PI104G-F-bt
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;

Technical Specification of Sepitam-PI104G-F-bt



www.sepitam.com

Info@sepitam.com