



SEPITAM

ONE STEP SMARTER

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SEPLITAM
PI204G-DF



TYPE:

Sepitam-PI204G-DF

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-PI204G-DF
- ▶ Technical Specification of Sepitam-PI204G-DF
- ▶ 4*10/100/100Base-T PoE ports & 2*10/100/1000Base-X SFP ports industrial PoE switch

▶ Description:

The Sepitam-PI204G-DF is a full gigabit industrial PoE fiber switch. It has 4*10/100/1000Base-T RJ45 ports and 2*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.

▶ Properties:

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



► Specifications:

| Model | Sepitam-PI204G-DF |
|------------------------|--|
| Interfaces | 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 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 |
| Switching Capacity | 12Gbps |
| Forwarding Rate@64byte | 8.93Mpps |
| MAC | 4K |
| Buffer Memory | 2M |
| Jumbo Frames | 10K |

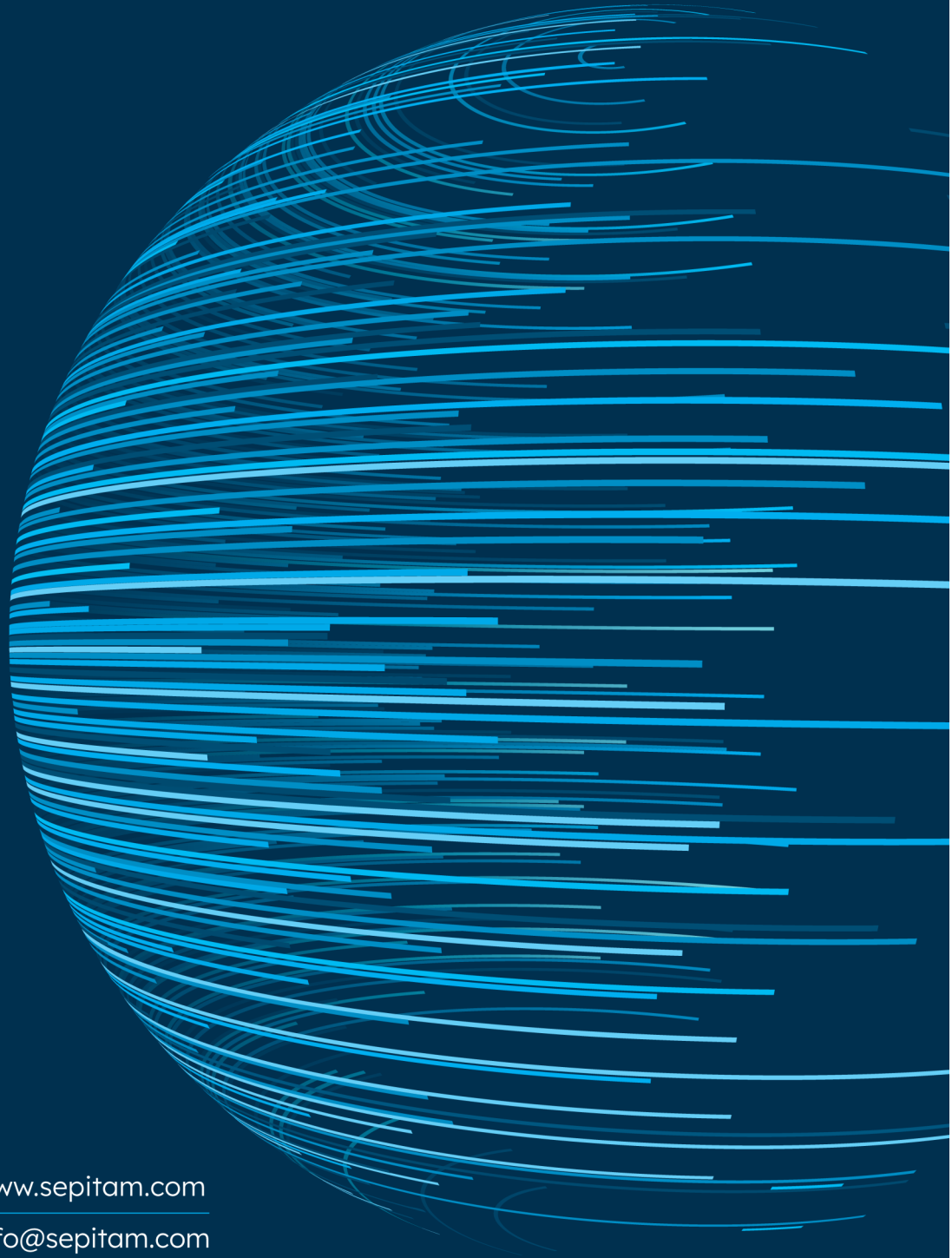


| Model | Sepitam-PI204G-DF |
|---------------------------|---|
| MTBF | 100000 hours |
| Twisted Pair Transmission | 10BASE-T: Cat3,4,5 UTP (≤ 100 meter) 100BASE-TX: Cat5 or later UTP (≤ 100 meter) 1000BASE-T: Cat5e or later UTP (≤ 100 meter) |
| Power Supply Pin | Default:1/2 (+), 3/6 (-) |
| Working 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); 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 |
| Certification | CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS; |



| Model | Sepitam-PI204G-DF |
|---|--|
| 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> |

Technical Specification of Sepitam-PI204G-DF



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Info@sepitam.com