



TYPE: Sepitam-PI204G-DF-60W

Technical Specification of Sepitam-PI204G-DF/60W

Industrial 4 port 10/100/1000 POE switch and Two SFP fiber ports



Description:

The **Sepitam-PI204G-DF-60W** is a 60W gigabit industrial PoE fiber switch. It has 4*10/100/1000M POE ports and 2*1000M uplink SFP fiber slot port. Port 1-4 can support the super high power 60W POE output, backward compatible with the IEEE 802.3af/at PoE standard. Single-port PoE power is 60W, and the maximum PoE output power less than 2

50W. 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, Ip camera, 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

Feature:

- ◆ **Full gigabit Ethernet port**
 - All Series support full gigabit Ethernet port and SFP fiber slot port, high-speed and high-bandwidth connections, meeting the networking requirements of various scenarios;
 - Support non-blocking wire speed forwarding
 - Support full duplex based on IEEE802.3x and half duplex based on Backpressure
- ◆ **Smart PoE power supply function**
 - 4*10/100/1000Base-T RJ45 ports support UPoE power supply to meet the needs of PoE power supply in various scenarios in the industrial field.
 - Single-port POE has a maximum output power of 60W and is backward compatible with the IEEE 802.3af/at PoE power supply standard. It automatically recognizes PoE devices for power supply without damaging non-PoE devices.
 - The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.



◆ **The equipment is stable and reliable**

- The host has low power consumption, no fan mute design, aluminum alloy metal shell, excellent heat dissipation, and ensure stable operation of products.
- The equipment fully meets the requirements of CCC, CE,FCC and RoHS safety regulations, and is safe and reliable.
- The user can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link/Act), and POE operation indicator.



Specifications:

Model	Sepitam-PI204G-DF-60W
Interface	4*10/100/1000M UPOE ports (Data /Power) 2*1000M uplink SFP fiber slot port (Data) 2 group of V+, V- redundant DC power interface (5P Phoenix terminal)
POE Port	Port 1-4 can support 60W UPOE and backward compatible with POE standard @ IEEE-802.3af/at
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 international standard , UPoE Enterprise Private Agreement
Ethernet Port Feature	Port 1-4 can support 10/100/1000Base-T auto-sensing,full/half duplex MDI/MDI-X self-adaption
Fiber Port Feature	Gigabit SFP optical fiber interface, default matching optical modules, need to buy separately, (Optional single-mode / multi-mode, single fiber / dual fiber module, LC).



Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	12Gbps (Non-blocking)
Forwarding Rate@64byte	7.44Mpps
MAC	2K
Buffer Memory	2M
MTBF	500,000 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	1/2 (+), 3/6 (-)&4/5 (+), 7/8 (-) 4-pairs power supply
Operating Voltage	DC power supply, DC48-57V ultra-wide supply voltage, 5P Phoenix terminal connection, support anti-reverse protection
Total PWR / Input Voltage	250W/(48-57VDC)
Power Consumption	Standby:<6W; Full Load:<240W
LED indicator	Power indicator: PWR (green); network indicator: Link (yellow); PoE indicator PoE(green);
Power Supply	No, you can purchase industrial power supply 48V/240W or 48V/480W, see the accessory information table for purchase.
Operation TEMP / Humidity	-40~+75°C; 5%~90% RH Non-condensing
Storage TEMP / Humidity	-40~+85°C; 5%~95% RH Non-condensing
Dimension	119*100*30mm
Net /Gross Weight	<0.65kg /<1.2kg
Body Material	Metallic



Installation Method	desktop type ,35mm DIN Rail type
Lightning protection / protection level	Port Lightning protection :6KV 8/20us; Protection Level:IP40 IEC61000-4-2(ESD) \pm 8kV Contact Discharge, \pm 15kV Air Discharge IEC61000-4-3(RS)10V/m (80~1000MHz) IEC61000-4-4(EFT)Power Line: \pm 4kV; Data Line: \pm 2kV IEC61000-4-5(Surge)Power Line,CM \pm 4kV/DM \pm 2kV;Data Line, \pm 4kV IEC61000-4-6 (Radio Frequency Conduction) 10V(150kHz~80MHz) IEC61000-4-8 (Power Frequency Magnetic Field) 100A/m Continued; 1000A/m,1s to 3s IEC61000-4-9 (Pulsed Magnetic Field) 1000A/m IEC61000-4-10 (Damping Oscillation) 30A/m ,1MHz IEC61000-4-12/18 (SHOCKWAVE) CM 2.5kV, DM 1kV IEC61000-4-16 (Common Mode Conduction) 30V Continued; 300V,1s FCC Part 15/CISPR22(EN55022)Class B IEC61000-6-2(General Industry standard)
Mechanical properties	IEC60068-2-6 (anti vibration) IEC60068-2-27 (anti shock) IEC60068-2-32 (free fall)
Certification	CCC;CE mark; commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS;



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