



## **TYPE: Sepitam-PI204G-DG**

### **Technical Specification of Sepitam-PI204G-DG**

#### **6-Port Full Gigabit Industrial PoE Switch**



#### **Description:**

**Sepitam-PI204G-DG** series is a gigabit unmanaged industrial PoE switch. It has 6\*10/100/1000M RJ45 ports. port 1-4 support IEEE 802.3af/at standard PoE power supply, single-port PoE power up to 30W, Maximum PoE Power 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 equipment such as wireless AP, web 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.

#### **Features:**

##### **Full Gigabit Ethernet port**

- ◆ All series supports full gigabit Ethernet ports, high speed and high bandwidth connection to meet the needs of various scenarios.
- ◆ Support non-blocking wire speed forwarding
- ◆ Support full duplex based on IEEE802.3x and half duplex based on Backpressure.

##### **Intelligent POE Power Supply Function**

- ◆ 4\*10/100/1000M Base-TX RJ45 ports support PoE power supply, meeting the needs of security monitoring, teleconferencing system, wireless coverage and other scenarios.
- ◆ Comply with IEEE 802.3af/at PoE power supply standard, automatic identification of PoE equipment for power supply, no damage to non PoE equipment. The maximum PoE output power of the whole machine is 60W(at-120W), and the maximum PoE output power of single port is 30W.



### **The Equipment Is Stable And Reliable, Easy To Use**

- ◆ The host has low power consumption, no fan mute design, and metal case to ensure stable operation of the product.
- ◆ The equipment meets the national CCC standard and is in full compliance with the safety requirements of CE, FCC, and ROHS. It is safe and reliable to use.
- ◆ 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 (POE).



## Specifications:

Model	Sepitam-PI204G-DG
Interface	4*10/100/1000Base-T POE ports (Data/Power) 2*10/100/1000Base-T uplink Ethernet ports (Data)
POE Port	Port 1 - 4 support PoE @ IEEE802.3af/at
Network Protocol	IEEE802.3 10BASE-T;IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3x
PoE Standard	IEEE802.3af/at
Ethernet Port Feature	10/100/1000BaseTX,Auto-sensing, full/half duplex MDI/MDI-X self-adaption
Forwarding Mode	Store and Forward (Full wire speed)
Switching Capacity	16Gbps (Non-blocking)
Forwarding Rate@64byte	8.93Mpps
MAC	8K
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: Cat6 or later UTP(≤100 meter)
Power Supply Pin	Default: 1/2(+), 3/6(-) 4 core power supply ,optional orderl: 4/5(+), 7/8(-)
Power Supply	No, you can purchase industrial power supply 48V/60W or 48V/120W, see the accessory information table for purchase.
MAX / AVERAGE Power Per Port	30W/15.4W
Total PWR / Input Voltage	60W/(48VDC)@ af
Power Consumption	Standby:<3W; Full load:<60W
LED	power indicator:PWR (Green) ; network indicator :Link (Yellow) ;PoE indicator:PoE (Green)
Power Supply	The power supply is not supported by default.If you need to purchase it, please refer to the accessory product information.
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	<0.5kg/<0.8kg
Body material	Metallic
Installation method	Desktop.35mm DIN rail installation
Lightning Protection / Protection Level	<p>Port lightning protection : 4KV 8/20us;</p> <p>Protection level: IP40</p> <p>IEC61000-4-2(ESD)<math>\pm</math>8kV Contact Discharge,<math>\pm</math>15kV Air Discharge</p> <p>IEC61000-4-3(RS)10V/m (80~1000MHz)</p> <p>IEC61000-4-4(EFT)Power Line: <math>\pm</math>4kV; Data Line: <math>\pm</math>2kV</p> <p>IEC61000-4-5(Surge)Power Line,CM<math>\pm</math>4kV/DM<math>\pm</math>2kV;Data Line,<math>\pm</math>4kV</p> <p>IEC61000-4-6 (Radio Frequency Conduction) 10V (150kHz~80MHz)</p> <p>IEC61000-4-8 (Power Frequency Magnetic Field)</p> <p>100A/m Continued; 1000A/m, 1s to 3s</p> <p>IEC61000-4-9 (Pulsed Magnetic Field) 1000A/m</p> <p>IEC61000-4-10 (Damping Oscillation) 30A/m ,1MHz</p> <p>IEC61000-4-12/18 (SHOCKWAVE) CM 2.5kV, DM 1kV</p> <p>IEC61000-4-16 (Common Mode Conduction) 30V Continued; 300V,1s</p> <p>FCC Part 15/CISPR22(EN55022) Class B</p> <p>IEC61000-6-2(General Industry standard)</p>
Mechanical Feature	<p>IEC60068-2-6(Anti-Vibration)</p> <p>IEC60068-2-27(Shock resistance)</p> <p>IEC60068-2-32(Free falling)</p>
Certification	<p>CE mark, commercial;CE/LVD EN60950;</p> <p>FCC Part 15 Class B;</p> <p>RoHS;</p>



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