



TYPE: Sepitam-PI208G-DG

Technical Specification of Sepitam-PI208G-DG

10-port Full Gigabit Industrial PoE Switch



Description:

The Sepitam-PI208G-DG series is a gigabit unmanaged industrial PoE switch .it has 8*10/100/1000 PoE ports + 2*10/100/1000M SFP ports . 1-8 ports support IEEE 802.3af/at standard PoE power supply, single-port PoE power up to 30W,Maximum PoE Power 120W (at-240W). 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.

Unmanaged model, plug and play, no configuration, easy to use.

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**
 - 8*10/100/1000M Base-T 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 120W, and the maximum PoE output power of single port is 30W.



◆ The Equipment Is Stable And Reliable

- 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-PI208G-DG | |
|------------------------------|---|-----------------------------|
| Interface | 8*10/100/1000M POE ports(Data/Power) 2*10/100/1000M uplink Ethernet ports (Data) 2 sets of V +, V- redundant DC power interface (5P Phoenix terminal) | |
| POE Port | Port 1 - 8 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 international standard | |
| Ethernet Port Feature | 10/100/1000BaseT,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 | 14.98Mpps | |
| MAC | 8K | |
| Buffer Memory | 2M | |
| 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 ,Option: 4/5(+), 7/8(-) | |
| Max / Average Power Per Port | 30W/15.4W | 30W/30W |
| Total PWR / Input Voltage | 120W/(48VDC)@ af | 240W/(48VDC)@ at |
| Power Consumption | Standby:<5W;Full load:<120W | Standby:<6W;Full load:<240W |
| LED | Power Indicator:PWR (Green);Network Indicator: Link/Act (Yellow); PoE indicator PoE(green) | |
| Supporting power supply | No, you can purchase industrial power supply 48V/120W or 48V/240W, see the accessory information sheet for purchase. | |



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| Operation TEMP / Humidity | -40~+75°C;5%~90% RH, Non-condensing |
| Storage TEMP / Humidity | -40~+85°C;5%~95% RH, Non-condensing |
| Dimension | 145*134.5*47mm |
| Net /Gross Weight | <0.8kg /<1.2kg |
| Body Material | Metallic |
| Installation method | Desktop type.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)±8kV Contact Discharge,±15kV Air Discharge</p> <p>IEC61000-4-3(RS)10V/m (80~1000MHz)</p> <p>IEC61000-4-4(EFT)Power Line: ±4kV; Data Line: ±2kV</p> <p>IEC61000-4-5(Surge)Power Line,CM±4kV/DM±2kV;Data Line,±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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