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.

www.sepitam.com

- ♦ **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.	
Operation TEMP / Humidity	-40~+80°C;5%~90% RH, Non-condensing	
Storage TEMP / Humidity	-40~+85°C;5%~95% RH, Non-condensing	

www.sepitam.com

Dimension	145*134.5*47mm
Net /Gross Weight	<0.8kg /<1.2kg
Installation method	Desktop type.35mm DIN rail installation
Lightning protection / protection level	Port Lightning protection :4KV 8/20us; Protection Level:IP40 IEC61000-4-2(ESD)±8kV Contact Discharge,±15kV Air Discharge IEC61000-4-3(RS)10V/m (80~1000MHz) IEC61000-4-4(EFT)Power Line: ±4kV; Data Line: ±2kV IEC61000-4-5(Surge)Power Line,CM±4kV/DM±2kV;Data Line,±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 Feature	IEC60068-2-6(Anti-Vibration) IEC60068-2-27(Shock resistance) IEC60068-2-32(Free falling)
Certification	CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B; RoHS;

www.sepitam.com

Technical Specification of

Sepitam-PI208G-DG

شرکت سپیتام

www.Sepitam.com