



TYPE: Sepitam-PI204G-FG-bt

Technical Specification of Sepitam-PI204G-FG-bt

Industrial 4*Port 10/100/1000Mbps POE switch , 1*Port

10/100/1000Base-TX RJ45 Uplink+1*Port 1000Base-FX SFP Uplink



Description:

Industrial Unmanaged 4-Port Gigabit 802.3bt PoE++ Switch supports 4x10/100/1000Base-TX 90W 802.3bt PoE++ Ports and +1x10/100/1000Base-TX RJ45 Uplink+1x1000Base-FX SFP Uplink. Integrated with high performance, the switches are classified as power source equipment (PSE), can be used to power IEEE802.3af/at/bt standard devices (PD), eliminating the need for additional wiring. Its dustproof fully sealed structure (IP40 protection grade), overcurrent, over-voltage and EMC protected, redundant double power input, -40~ 80°C wide operating temperature can help system main tenancy personnel monitor the network operation, which can work reliably in harsh and dangerous environment.

Features:

- 4x10/100/1000Base-TX 90W 802.3bt PoE+1x10/100/1000Base-TX RJ45 Uplink Port+1x1000Base-FX SFP Uplink Port
- Automatic MAC address learning and aging
- Support Auto-MDIX, and full/half duplex self-negotiation mode
- Support IEEE802.3az energy efficient Ethernet technology
- LED indicators for monitoring power/link/activity
- Industrial lightning chip design, up to 6KV effective against lightning, avoiding electrostatic induction
- Supports DIN-Rail installation
- Super lightning protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- Electric 8KV surge protection, easy to use in outdoor environment
- Redundant tripple DC48-57V power inputs.
- Apply to Urban Intelligent Traffic Monitoring System (ITS), Safe City. Harsh industrial environment or higher requirement
- -40°C-80°C operating temperature range.



Specifications:

Product Model	Sepitam-PI204G-FG-bt
Fixed Port	4x10/100/1000Base-TX 90W 802.3bt PoE +1x10/100/1000Base-TX RJ45 +1x1000Base-FX SFP
Network Protocols	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX IEEE802.3x flow control IEEE 802.3 af/at/bt
POE Description	POE Port:4x10/100/1000Base-TX RJ45 802.3bt PoE++ PSE POE Standard:IEEE802.3af/at/bt Power Pin Assignment:1/2/4/5+,3/6/7/8-(4 Pairs) POE Power Output:PoE Port 1-4 90W Max
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Fiber Optic	Interface: 1x1000Base-FX SFP Distance:0-80km(Based on the optical transceiver use)
Switch Properties	Switching Capacity: 20Gbps Packet forwarding rate: 8.64Mpps MAC Address Table: 4K Packet Buffer Size: 1.5M Jumbo Frame:10KBytes Delay time: <7μs
Forwarding Mode	Store-and-Forward
Protection	lightning protection, IP40 protection, Overload protection, Reverse Connection Protection, Redundancy protection
LED Indicators	Power: PWR; Link: Link/Act, PoE
DIP Switch	DIP Switch 1:Fiber Watchdog On/Off DIP Switch 2:PoE Watchdog On/Off DIP Switch 3:PoE 250m Extension Mode On/Off (PoE extend to 250meters at 10Mbps) DIP Switch 4:PoE Port 1-4 VLAN Mode On/Off
Power Supply	Input Voltage: Redundant tripple DC48-57V(2x2-pin terminal block+1x 2.5/5.5mm DC socket)



Other Specifications	
Working Environment	Working temperature: -40~80°C; Storage temperature: -40~85°C Relative Humidity: 5%~95 %(no condensation)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A EMS: IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
MTBF	300,000 hours
Mechanical	Case: Aluminum IP Rating: IP40 protection Cooling way: Natural cooling, fanless design Dimension: 157x115x40mm(LxWxH) N.W/G.W: 0.81Kg/1.1Kg Installation: DIN-Rail



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