TYPE: Sepitam-PI204G-DFM

Technical Specification of Sepitam-PI204G-DFM

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

Description:

Sepitam-PI204G-DFM   Industrial PoE Switch, 4x Gigabit auto-sensing RJ45 ports and 2x Gigabit SFP optical port, is designed for the security of industrial automation and coal mine factory. It is easy for setting any ports to build a fast self-healing looped ring, whose time is less than 50ms, and provide a safe network environment.

Sepitam-PI204G-DFM, with the web, providing an abundant & complete management functions, including VLAN based on port, VLAN based on 802.1Q, Mirroring, Port Isolation, IGMP Snooping, DHCP Snooping, LLDP, POE+ Management, IP Protection, ARP Inspection, SNMP, Access Control List & NTP etc.

This **Sepitam-PI204G-DFM** Industrial PoE switch has DIN rail type cabin in order to using in industrial rack and physically passed all CE, RoHS , and FCC standard tests fully. Four Giga bit Power Ports and two 1000MSFP ports in order to connect to Industrial 10Base-T Twisted-pair cable or 100Base-TX Twisted-pair cable and devices such as computer, switch, hub, and server. It can provide one or two remote 1000base-FX cable interface.

The utilized components in product were rigorous screened, have superior performance in stability, environmental adaptability. A real industrial shell was made by aluminum extrusion, more lighter, stronger, better resistance ability to corrosion and electromagnetic interference, ensure stability and security of Industrial Ethernet Switch, plus standard DIN-35 rail type installation method. Power input also chooses a suitable industry-standard types of power connector, to get more powerful resistance to environment.

Properties :

- Support Port Aggregation, Port Rate Limitation, Broadcast Storm Restraint.

- 4x Gigabit Auto-sensing RJ45 Ports, 2x Gigabit SFP Optical Ports, 1x Console Port.

- Compatible with IEEE802.3af/at. Support PoE configuration for each port.

- L2, with better performance of management, safty, QoS and others.

- With layer 2 function, including VLAN based on port, VLAN based on 802.1Q, Mirroring, Port Isolation, IGMP Snooping, DHCP Snooping, LLDP, POE+ Management, IP Protection, ARP Inspection and Access Control List etc.

- Support STP(802.1D)and RSTP(802.1w).

- Support jumbo frame at 9.6K.

- Support advanced management through WEB, CLI, TELNET, SSH, SNMP.

- G.8032, support fast protection for industrial looped-network within 50ms.

Applications:

- Industrial Field and factories.

- PLC telecommunication of data industires.

- Outdoor IP Camera in CCTV monitoring.

- Outdoor Digital Radio in transmission systems.

- Outdoor IP telephony in telecom systems.

- Outdoor Intelligent transportation supervisory system（ITS.

- Tele-Communication System

- Security protection system, TV medical treatment

- Long-distance Multi-media Schooling, Campus monitoring

- Broadcast television transmission system

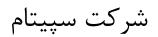- Wireless AP layout transmission and power supply

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Specifications:

Name	6-Port Gigabit Industrial Managed PoE Switch
Model	Sepitam-PI204G-DFM
Interface	4x gigabit RJ45 ports, 2x gigabit SFP/LC optical ports, 1x console port
Optical Transmission Distance	20km, 1310/1550nm
Forwarding Mode	Save and forwarding, link-speed forwarding (Frame Size Range: 64~1536)
Network Media	10BASE-T: UTP Cat 3, 4, 5 (≤100 Meters) 100BASE-TX: UTP Cat 5 or more (≤100 Meters) 1000BASE-T: UTP Cat 5 or more (≤100 Meters)
Performance Specification	Bandwidth: 128Gbps (non-blocking） Packet forwarding rate: 8.93Mbps@64byts Buffer Memory: 4M MAC address table: 8K MTBF: 539608 hours Support protection for over-current, over-voltage and reverse connection
Network Protocols and Standards	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE802.3ab IEEE802.3z IEEE 802.3af /at
LED Indicator	Running Light: SYS, Interface Light: LINK, PoE, Fiber: L/A
Power Supply	Voltage Input: DC48-57V, Connection mode: 5 industrial terminals Power Input Port Surge Protection: 4kv Ethernet Port Surge Protection: 2kv
Dimension / Weight	165*148*54(mm) / 0.82Kg
Working Environment	Working Temperature: -40～80□ Storage Temperature: -40～85□ Relative Humidity: 5%～95%, non-condensing Storage Humidity: 10%～95%, non-condensing Working Height: 3000M above sea level（10,000ft） Storage Height: 3000M above sea level（10,000ft）
Radiation	CE mark, commercial FCC Part 15 Class B
Certification	CE Mark ,commercial CE/LVD, FCC, RoHS

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Technical Specification of

Sepitam-PI204G-DFM

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