

**TYPE: Sepitam-PI204G-DF****Technical Specification of Sepitam-PI204G-DF****Industrial 4 port 10/100/1000Mbps POE switch and 2*SFP fiber ports****Description:**

This Industrial equipment can prepare a field that power and data feed from a single point, using Power over Ethernet (PoE) over a single cable. One Four Gigabit Ethernet ports it prepared any 10/100/1000 Mbps link as industry-standard IEEE 802.3af power for every POE standard devices.

This **Sepitam-PI204G-DF** 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.

Regards to using advanced auto-sensing algorithm the **Sepitam-PI204G-DF** gives power only to IEEE 802.3af front-end devices, so don't worry about connecting PoE or non-PoE devices to this feeder. Additionally, this good gives up the power when PoE devices are disconnected. Intelligently, this PoE Switch **Sepitam-PI204G-DF** can recognized automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™.

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 :

- ◆ Full gigabit design, 4 * 10/100/1000M RJ-45 ports, 2 * 1000M Optical fiber ports.
- ◆ Supports IEEE802.3x flow control for Full-duplex Mode and back pressure for Half-duplex Mode.
- ◆ RJ-45 port supports Auto MDI/MDI-X.
- ◆ Automatic MAC address learning and aging.
- ◆ Auto-Negotiation for Full-duplex Mode and Half-duplex Mode.
- ◆ LED indicators for monitoring power/link/activity and Full-duplex or Half-duplex Mode.
- ◆ Full gigabit ports.
- ◆ Provides both rail type or Wall mounted installation methods.
- ◆ Electromagnetic compatibility of up to 4 grade standard.
- ◆ IP40 protection class.
- ◆ Superior performance, successfully used in industrial field.
- ◆ Power ports supports IEEE802.3af standard PoE power supply.
- ◆ Default PoE power supply type is end-span, mid-span.
- 48VDC(48 ~57VDC), dual redundancy power input design for non-stop working, 6-pin 5.08mm-gap plug-in term
- Provides rail mounting methods.

Applications:

- ◆ Industrial Field and factories.
- ◆ PLC telecommunication of data industries.
- ◆ 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



Specifications:

Product Name	4GE+2G Full Gigabit Industrial Ethernet Switch
Product Model	Sepitam-PI204G-DF
Interface	4 x 10/100/1000M copper RJ-45 ports, 2 1000M Optical fiber ports
PoE Specification	Supports IEEE802.3af international standard
	PoE Power Output:15.4W Per port
	PoE total power: 60W
	Power Pin Assignment:1/2+,3/6-
Switch Processing Scheme	store-and-forward
Gigabit Optical Interfaces Operating wave length	Single-mode1310nm or 1550nm, Multi-mode850nm
Gigabit Optical Interfaces Transmission Distance	Single-mode: 20km, Multi-mode: 550m and long-distance mode can be customized
Performance Specification	Bandwidth: 12Gbps Buffer:1Mb forwarding Rate:7.44Mpps@64bytes MAC Address Table: 8K MTBF: 500,000 hours
Standards Compliance	IEEE802.3: CSMA/CD IEEE802.3i: 10Base-T IEEE802.3u: 100Base-T IEEE802.3ab: 1000Base-T IEEE802.3z: 1000Base-LX
LED Indicators	Left: LINK/ACT, right: POE
Power	Removable 6 green terminal wiring Power requirements: DC48V1.25A
Product Size	W×D×H: 128x105x47mm
Body Material	Metallic
Working Environment	Working Temperature: -40 to 75 degree of centigrade Storage Temperature: -40 to 80 degree of centigrade Working Humidity: 5% to 95% (non-condensing) Storage Humidity: 5% to 95% (non-condensing) Working high: Altitude of 3000 m (10,000ft) Storage high: Altitude of 3000 m (10,000ft)
Radiation	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 ,CISPR 22) , Class B
Safety	CE Mark, commercial CE/LVD EN60950



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