



SEPITAM

ONE STEP SMARTER

www.sepitam.com

SEPITAM
EI204G-DF



TYPE:

Sepitam-EI204G-DF

Industrial Ethernet Switches can be implemented in outdoor projects and challenging environments due to their stable performance in harsh environmental conditions, including a wide range of temperatures, high humidity, and electromagnetic radiation. PoE technology in these products greatly contributes to the easier power supplying of various network devices, and its management and configuration capabilities provide optimal performance.



- ▶ TYPE: Sepitam-EI204G-DF
- ▶ Technical Specification of Sepitam-EI204G-DF
- ▶ 4*10/100/100Base-T ports & 2*10/100/1000Base-X SFP ports industrial switch

▶ Description:

The Sepitam-EI204G-DF is a full gigabit industrial fiber switch. It has 4*10/100/1000Base-T RJ45 ports and 2*100/1000Base-X SFP fiber slot ports. It is suitable for intelligent transportation, rail transit, power industry, mining, petroleum, sea transportation. Industrial scenes such as metallurgy and green energy construction form a cost-effective, stable and reliable communication network.

▶ Properties:

- 4*10/100/1000Mbps ports+ 2*100/1000Mbps SFP port Industrial Switch
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standards;
- Input voltage: DC12-57V, Redundant dual power 5-bit industrial terminals;
- IP protection level: IP40;



► Specifications:

Model	Sepitam-EI204G-DF
Interfaces	4*10/100/1000Base-T ports (Data) 2*100/1000Base-X uplink SFP fiber slot port (Data) 2 set of V+, V- redundant DC power interface (5Pin Phoenix terminal)
Ethernet Port	Port 1-4 support 10/100/1000Base-T, auto-sensing, Full/half duplex MDI/MDI-X self-adaption
Network Protocol	IEEE802.3 10BASE-T IEEE802.3u 100BASE-T/TX IEEE802.3ab 1000BASE-T IEEE802.3z 1000BASE-X IEEE802.3u 100BASE-FX IEEE802.3x.
SFP Port	Gigabit SFP optical fiber port, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)
Forwarding Mode	Store and Forward
Switching Capacity	12Gbps
Forwarding Rate@64byte	8.93Mpps
MAC	4K
Buffer Memory	2M
Jumbo Frames	10K



Model	Sepitam-EI204G-DF
MTBF	100000 hours
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤ 100 meter) 100BASE-TX: Cat5 or later UTP (≤ 100 meter) 1000BASE-T: Cat5e or later UTP (≤ 100 meter)
Power Supply Pin	Default:1/2 (+), 3/6 (-)
Working Voltage	12-57VDC; 5P industrial phoenix terminal, anti-reverse protection.
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-4(Link/Act)/ (Green),5~6(Link/Act)/ (Green);
Operation TEMP / Humidity	-40~+75°C; 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing
Dimension (L*W*H)	119*100*35mm
Net /Gross Weight	<0.5kg/<0.7kg
Installation	Desktop, 35mm DIN rail
Certification	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;



Model	Sepitam-EI204G-DF
Lightning protection / protection level	Lightning protection: 6KV 8/20us; Protection level: IP40 IEC61000-4-2(ESD): $\pm 8\text{kV}$ contact discharge, $\pm 15\text{kV}$ air discharge IEC61000-4-3(RS): 10V/m (80~1000MHz) IEC61000-4-4(EFT): power cable: $\pm 4\text{kV}$; data cable: $\pm 2\text{kV}$ IEC61000-4-5(Surge): power cable: $\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$; data cable: $\pm 4\text{kV}$ IEC61000-4-6(radio frequency transmission): 10V (150kHz~80MHz) IEC61000-4-8(power frequency magnetic field): 100A/m; 1000A/m, 1s to 3s IEC61000-4-9(pulsed magnet field): 1000A/m IEC61000-4-10(damped oscillation): 30A/m 1MHz IEC61000-4-12/18(shockwave): $\text{CM } 2.5\text{kV}$, $\text{DM } 1\text{kV}$ IEC61000-4-16(common-mode transmission): 30V; 300V, 1s FCC Part 15/CISPR22(EN55022): Class A IEC61000-6-2(Common Industrial Standard)

Technical Specification of Sepitam-EI204G-DF



www.sepitam.com

Info@sepitam.com