



SEPITAM

ONE STEP SMARTER

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TYPE:

Sepitam-EI202G-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-EI202G-DF
- ▶ Technical Specification of Sepitam-EI202G-DF
- ▶ 2*10/100/100Base-T RJ45 ports & 2*10/100/1000Base-X SFP ports industrial ethernet switch

▶ Description:

The Sepitam-EI202G-DF is a full gigabit industrial Ethernet switch. It has 2*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:

- 2*10/100/1000Mbps RJ45 ports+ 2*10/100/1000Mbps SFP ports Industrial Ethernet Switch
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standards;
- Support AI Watchdog, Port self-healing, VLAN, extend 300meter distance, Auto Speed Change, Priority port & reduce the after-resale
- Input voltage: DC48-57V, Redundant dual power 5-bit industrial terminals;
- IP protection level: IP40;

▶ Specifications:

Model	Sepitam-EI202G-DF
Interfaces	2*10/100/1000Base-T RJ45 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 1-2 support 10/100/1000Base-T, auto-sensing, Full/half duplex MDI/MDI-X self-



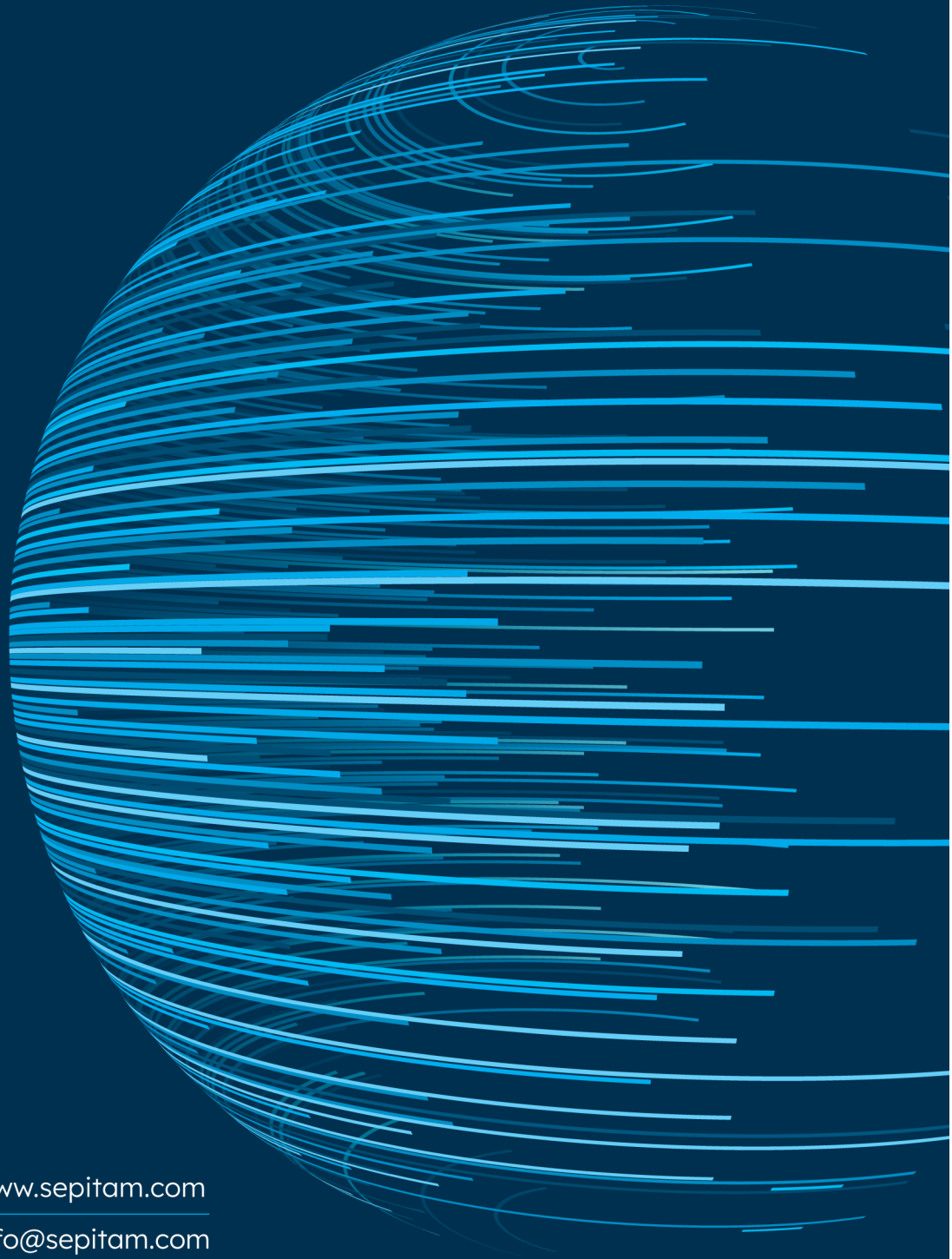
► Specifications:

Model	Sepitam-EI202G-DF
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
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 (-)
Power Consumption	Standby:<2W; Full load:<60W; Standby:<2W; Full load:<120W



Model	Sepitam-EI202G-DF
Working Voltage	48-57VDC; 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~+80°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;
Lightning protection / protection level	<p>Lightning protection: 6KV 8/20us; Protection level: IP40</p> <p>IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge</p> <p>IEC61000-4-3(RS):10V/m(80~1000MHz)</p> <p>IEC61000-4-4(EFT): power cable: ±4kV; data cable: ±2kV</p> <p>IEC61000-4-5(Surge): power cable:CM±4kV/DM±2kV; data cable: ±4kV</p> <p>IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)</p> <p>IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s</p> <p>IEC61000-4-9(pulsed magnet field):1000A/m</p> <p>IEC61000-4-10(damped oscillation):30A/m 1MHz</p> <p>IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV</p> <p>IEC61000-4-16(common-mode transmission):30V; 300V,1s</p> <p>FCC Part 15/CISPR22(EN55022): Class A</p> <p>IEC61000-6-2(Common Industrial Standard)</p>

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www.sepitam.com

Info@sepitam.com