SEPITAM

ONE STEP SMARTER

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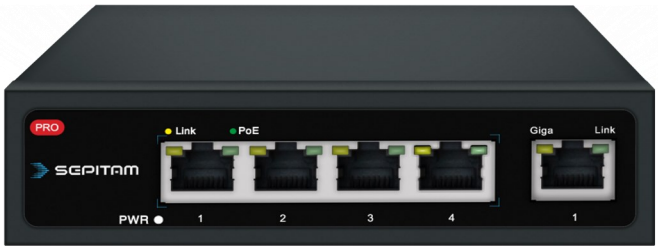
SEPITAM PS104E-E



TYPE:

Sepitam-PS104E-E

Sepitam enterprise-grade switches are available in managed, unmanaged, PoE, and non-PoE models. The advanced PoE technology simplifies powering various network devices, and high-capacity switches enhance network scalability. With robust management features, these switches enable Layer 2 protocol configurations, delivering superior network efficiency and security.

- TYPE: Sepitam-PS104E-E
- Technical Specification of Sepitam-PS104E-E
- 4*10/100Base-T POE ports & 1*10/100Base-T RJ45 port enterprise PoE switch

Description:

This equipment can prepare a field that power and data can feed from a single point, using Power over Ethernet (PoE) over a single cable. On five Fast Ethernet ports it prepared any 10/100Mbps link and the rest of four ports can supply industry-standard IEEE 802.3af power for every POE standard devices.

Regards to using advanced auto-sensing algorithm the Sepitam-PS104E-E gives power only to IEEE802.3af 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-PS104E-E can recognize automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink.

Properties:

- Support IEEE 802.3af standard
- Developed up to 4 ports for POE devices
- All ports support 10/100 Mbps with Auto Uplink™
- Up to 15.4W for each PoE port
- Supports PoE power up to 60W for all PoE ports
- Supply power to all standard devices on the network such as wireless access points and surveillance cameras over Cat-5
- Supports IEEE 802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- Easy monitoring by virtue of LED indicators for power, link, activity and speed

Applications:

- IP Camera in CCTV monitoring
- Digital Radio in transmission systems
- IP telephony
- 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

Specifications:

Product	Sepitam-PS104E-E
Network Ports	5*10/100Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX
Power Pin Assignment	Data provided over pairs over 1/2and 3/6 ,Power over spare pairs4/5(+) and 7/8 (-)
PoE Distance	100m
Transmission Method	Store-And-Forward
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 150m)
	100BASE-TX: UTP category 5, 5e cable (maximum 150m)
Performance Specifications	Bandwidth：1.6 Gbps

Product	Sepitam-PS104E-E
Network latency	Less than 20 µs for 64-byte frames in store-and-forward mode for 100 Mbps to 100 Mbps transmission
Buffer memory	96 KB embedded memory per unit
Address database size	1,000 media access control (MAC) addresses per system
Addressing	48-bit MAC address
Mean Time Between Failure (MTBF)	190,000 hours (~ 21 years)
Acoustic Noise	0 dB
Network Protocol and Standards	IEEE 802.3i 10BASET
	IEEE 802.3u 100BASETX
	IEEE 802.3x Flow Control
	IEEE 802.1af DTE Power via MDI
	IEEE 802.3af
Status LEDs	System: Power, PoE Maximum Power
	Per Port: Link, Activity, Speed, PoE Active, PoE Fault
Power Supply	Total Power Consumption: 120 W maximum
	PoE Watt budget: 65W
	IEEE802.3af Power Consumption: 110W maximum (Ports 1 – 5)
	48VDC, 2.5A power output; plug is localized to country of sale

Model	Sepitam-PS104E-E
Physical Specifications	Dimensions (H x W x D)：118 x 89 x28mm
	Weight：0.35kg
Environmental Specifications	Operating temperature: 0 to 55°C
	Storage temperature: -20 to 75°C
	Operating humidity: 90% maximum relative humidity, non-condensing
	Storage humidity: 95% maximum relative humidity, non-condensing
	Operating altitude: 10,000 ft (3,000 m) maximum
	Storage altitude: 10,000 ft (3,000 m) maximum
Electromagnetic Emissions	CE mark, commercial
	FCC Part 15 Class B
	VCCI Class B
	EN 55022 （CISPR 22）， Class B
Safety	CE Mark ,commercial
	CE/LVD EN60950

Technical Specification of
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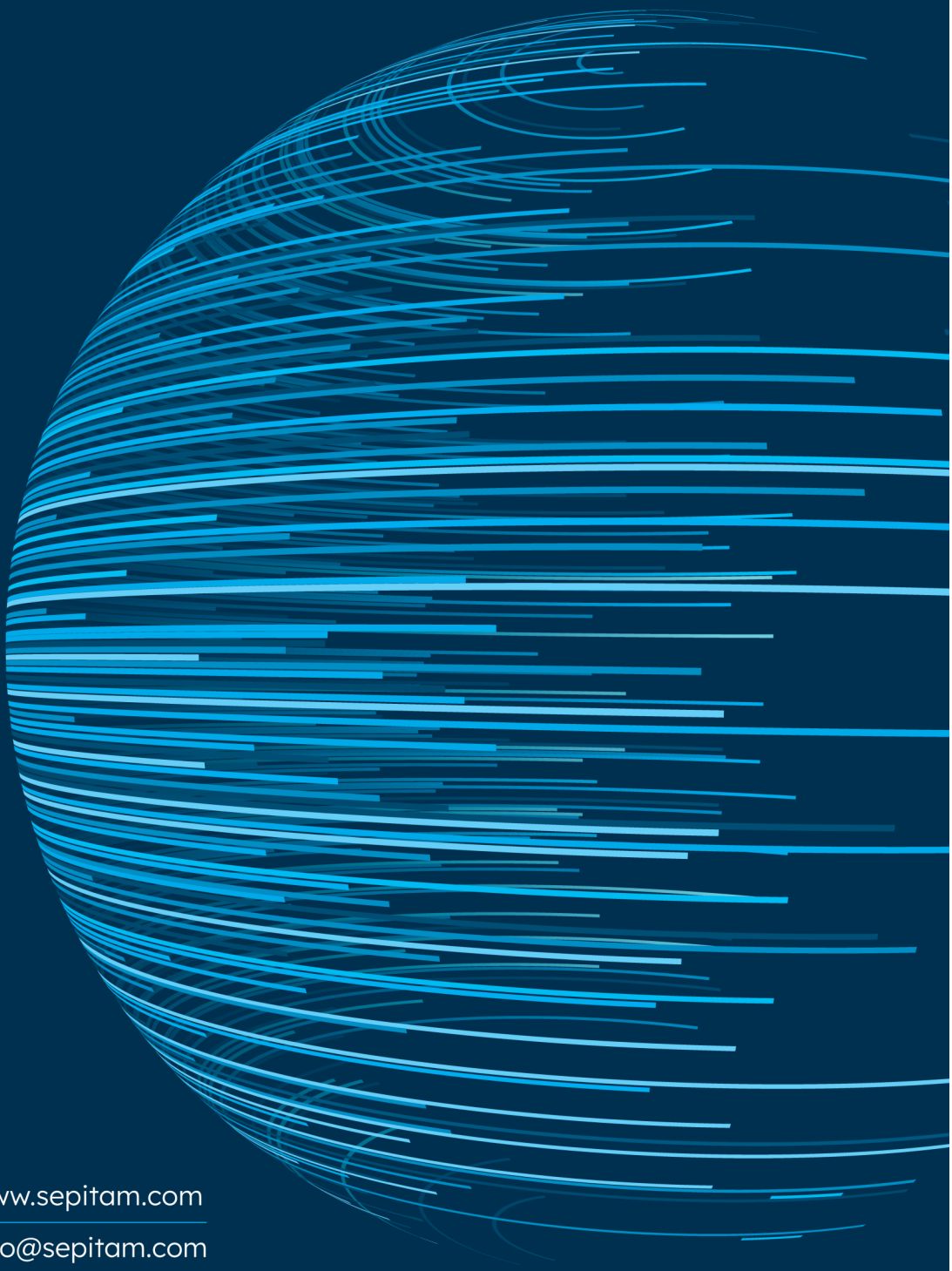

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