



**SEPITAM**

ONE STEP SMARTER

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**SEPITAM**  
**PS108E-E**



## TYPE:

# Sepitam-PS108E-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-PS108E-E
- ▶ Technical Specification of Sepitam-PS108E-E
- ▶ 8\*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. One nine Fast Ethernet ports it prepared any 10/100 Mbps link and the rest of eight ports can supply industry-standard IEEE 802.3af power for every POE standard devices.

Regards to using advanced auto-sensing algorithm the Sepitam-PS108E-E gives power only to IEEE802.3af/at 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-PS108E-E can recognize automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink.

## ▶ Properties:

- Support IEEE 802.3af/at standard
- Developed up to 8 ports for POE devices
- All ports support 10/100 Mbps with Auto Uplink™
- Up to 15.4W@af / 30W@at for each PoE port
- Supports PoE power up to 120W@af / 250W@at 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 in telecom systems
- 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:

Model	Sepitam-PS108E-E
Type	Sepitam-PS108E-E
Network Ports	nine 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 100m)
Network Media	100BASE-TX: UTP category 5, 5e cable (maximum 100m)
<b>Performance Specifications</b>	



Model	Sepitam-PS108E-E
Network latency	Less than 20 $\mu$ s for 64-byte frames in store-and-forward mode for 100 Mbps to 100 Mbps transmission
Buffer memory	1.25 M embedded memory per unit
Address database size:	2K
Addressing:	48-bit MAC address
Mean Time Between Failure (MTBF):	100,000 hours (~ 12 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@af / 250W@at maximum
	PoE Watt budget: 105W@af/250W@at
	IEEE802.3af /at Power Consumption: 105W@af/210@at maximum (Ports 1 – 8)
	48VDC, 2.5A@af/4.8A@at power output; plug is localized to country of sale
Dimensions (H * W * D)	189 * 102 *28mm



Model	Sepitam-PS108E-E
Weight	0.65kg
<b>Environmental Specifications</b>	
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
Package Contents	9-port 10/100 switch with 8-port POE and one fiber port (POE32008PF)
	AC Adapter

# Technical Specification of Sepitam-PS108E-E



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