



Technical Specification of Sepitam-PS108E-E/ET

9 port 10/100 switch with 8 POE port



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:

Product	9-port 10/100 switch with 8-port POE
Type	Sepitam-PS108E-E /ET
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)
	100BASE-TX: UTP category 5, 5e cable (maximum 100m)
Performance Specifications	Bandwidth: 1.8 Gbps
	Network latency: Less than 20 μs 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 802.3 af/at
Status LEDs	System: Power, PoE Maximum Power
	Per Port: Link, Activity, Speed, PoE Active, PoE Fault



Power Supply	Total Power Consumption: 120W@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
Physical Specifications	Dimensions (H * W * D): 189 * 102 *28mm
	Weight: 0.65kg
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
Package Contents	9-port 10/100 switch with 8-port POE and one fiber port
	AC Adapter



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