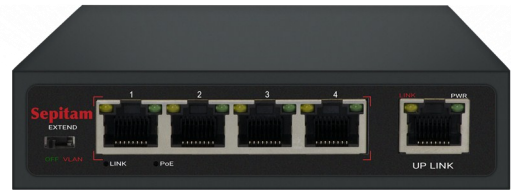




## Technical Specification of Sepitam-PS104E-EL

### 4 POE port & 5 port 10/100 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 10/100 Mbps 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-EL** 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-EL** 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
- ◆ Multi-function Switch: Long Transmission Distance Mode: 250 meters, Enable/Disable VLAN.

#### 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	5-PORT 10/100 SWITCH WITH 4-PORT POE
Type	Sepitam-PS104E-EL
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	250 m
Transmission Method	Store-And-Forward
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 250m)
	100BASE-TX: UTP category 5, 5e cable (maximum 150m)
	Under Mode 2, the transmission distance could be 250 meters for 10M port.
Performance Specifications	Bandwidth: 1.2 Gbps
	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: 448KB 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): 100,000 hours (~ 21 years)
Switch Mode Definition	Mode 1: Disable all function.
	Mode 2: Enable the long transmission distance at 250 meters for all 10M ports (1-4 port) .
	Mode 3: Enable VLAN for all 100M ports (1-4 port)
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	<b>Total Power Consumption: 120 W maximum</b>
	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
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

## Sepitam-PS104E-EL

شرکت سپیتام



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