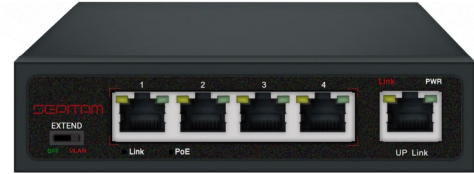




Technical Specification of Sepitam-PS104E-EL

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 1/2 and 3/6, Power over spare pairs 4/5(+) 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 μ 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 | <p>Mode 1: Disable all function.</p> <p>Mode 2: Enable the long transmission distance at 250 meters for all 10M ports (1-4 port) .</p> <p>Mode 3: Enable VLAN for all 100M ports (1-4 port)</p> |
| 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 |

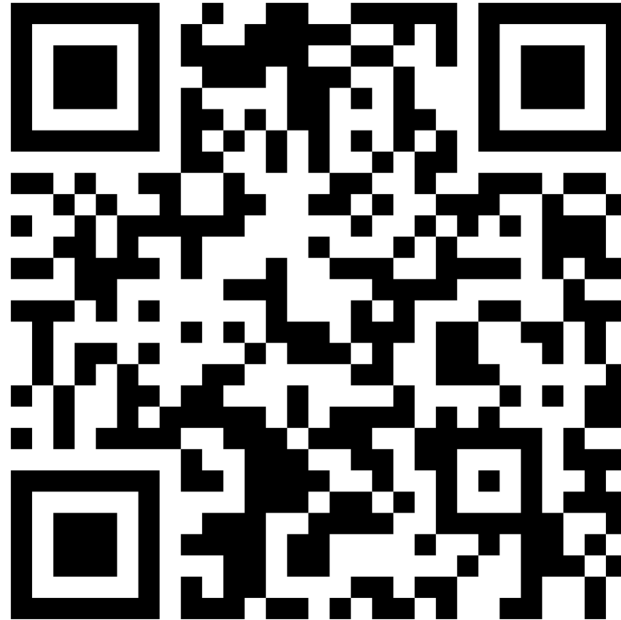


| | |
|------------------------------|---|
| Power Supply | Total Power Consumption: 120 W maximum |
| | PoE Watt budget: 65W |
| | IEEE802.3af Power Consumption: 110W maximum (Ports 1 – 5) |
| | 48VDC, 2.5A power output; plug is localized to country of sale |
| Physical Specifications | Dimensions (H 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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