



Smart Architecture of Espadana

Designing, Production, Customization and Consultant Service
in Network and Fiber Optic System



Technical Specification

SAE-PE450F-XL

4 PoE ports 10/100Mbps switch & 1 uplink 10/100Mbps Fast Ethernet Port





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Product Description

- 5 x10/100 Mbps RJ45 Ports with auto-sensing capability, (1-4) Ports are meeting IEEE802.3af/at Standard and are supporting PoE
- Switch functionality for Long transmission up to 250 meter and physical isolated ports as VLAN ports.
- IEEE802.3 10Base-T and IEEE802.3u 100Base-TX were met
- Flow Control Method: Full duplex based on IEEE802.3x, half duplex based on Back Pressure
- Port auto-flip (Auto MDI/ MDIX) is supported
- Level 2 anti-thunder function for Uplink port (port 5)
- Total Supported PoE Power: 65W (Port 1 -4)
- Support IEEE 802.3af (15.5 watt/per port)
- Line-speed switching (Frame size at the ranges of 64-1536) is supported in all ports.
- No-noise design.
- This Mini Size Device Could be installed on desktop and wall mount



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Full Description

This **SAE-PE450F-XL** device supports power and data transmission over Cat.5e/6 cables. All the 5 Ethernet ports are capable of connecting with 10/100Mbps, (1-4) ports can support IEEE 802.3af/at power supply for every POE standard devices. Regarding using advanced auto-sensing algorithm the **SAE-PE450F-XL** 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 manageable PoE Switch **SAE-PE450F-XL** can recognize automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™. This multi-function device can be altered to long transmission distance mode, enable/disable VLAN. **SAE-PE450F-XL** made by high quality of components were rigorous screened, have superior performance in stability, environmental adaptability. The product planned in a way of better resistance and ability to corrosion and electromagnetic interference. Power input also made a suitable and reliable types of power, to get more powerful suitability to environment.

Application

- IP cameras monitoring systems and transmitting systems
- Access points wireless systems and transmission data
- IP telephone, virtual PABX and intelligent unmanned systems
- Management and support Intelligent transportation supervisory (ITS)
- Monitoring TV medical and management
- School, campus, and... monitoring and remote control
- Wireless systems (AP) and transmission data



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Product	5-ports Long Distance PoE Switch		
Product Model	SAE-PE450F-XL		
Transfer Mode	Store-And-Forward, BF Rate: 0.74Mpps		
Performance			
Capacity in Millions of Packets per Second (64-byte packets) (Buffer Memory)			768K
Switching Capacity in Gigabits per Second (Gbps) (Bandwidth)			1.6Gbps
Maximum Network Delay in microseconds (us)			20 us
Forwarding Rate in Millions of Packets per Second (Mpps)			0.74Mpps
MAC Size			1K
MTBF			100000 H
Interface			
Ports	4 x 10/100M copper cable RJ45 PoE ports		
	1 x 10/100M RJ45 Uplink Port		
Network Medium			
➤ 10BASE-T: Cat3/4/5 UTP(≤100 meter) ➤ 100BASE-TX: Cat5/5e/6 UTP(≤100 meter)			
Supported Network Protocols and Standards			
➤ IEEE 802.3i 10BASET ➤ IEEE 802.3u 100BASETX ➤ IEEE 802.3x Flow Control ➤ IEEE 802.3af DTE Power via MDIIIEEE802.3z ➤ IEEE 802.3at			
Status LEDs	Power Supply LED, Connecting and PoE Working Status LEDs		



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Power	
Output	Total: 65 W
Input	DC 52V 1.25A
Function Switch	
➤ E is the "ON" state, port 1-4 can support long-distance transmission 250m and VLAN transmission mode; when "OFF", 100 meters transmission. ➤ D is the "ON" state, port 1-4 can support AI self-healing mode; when "OFF", no communication self-healing function. ➤ P is the "ON" state, POE outputs total power and priority indication mode; when "OFF", no power indication function	
Certificate	
Radiation	FCC Class A, CE, RoHs
Safety	CE Mark, Commercial, CE/LVD EN60950
Dimensions	118 *89*25mm
Working Environment	Operating Temperature: -20 °~ 55 °C; Storage Temperature: -40 ° ~ 75 °C; Humidity: 10% ~ 90%, non-condensing; Storage Humidity: 5% ~ 95%, non-condensing; Working Altitude: 3000 m (10,000 ft); Storage Altitude: 3,000 m (10,000 ft)

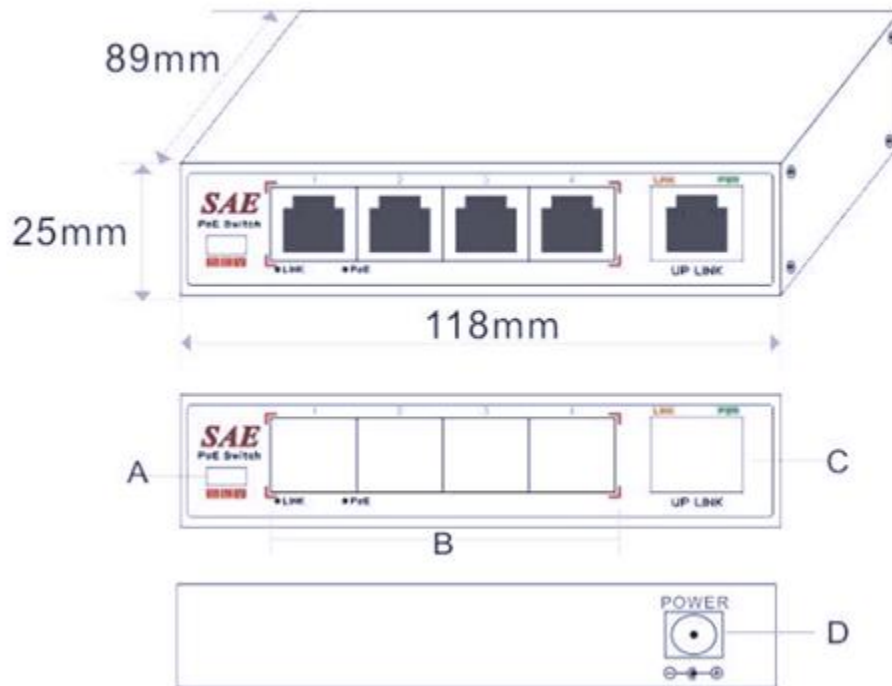


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Product Size Display



Product Application Display

