



SmartArchitectureofEspadana

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



Technical Specification

SAE-PE450-F

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





Product Description

- 5x10/100 Mbps RJ45 Ports with auto-sensing capability, (1-4) Ports are meeting IEEE802.3af/at Standard and are supporting PoE
- Port auto-flip (Auto MDI/ MDIX) is supported
- Flow Control Method: Full duplex based on IEEE802.3x, half duplex based on Back Pressure
- Total Supported PoE Power: 65W (Port 1 - 4)
- Support IEEE 802.3af (15.5 watt/per port)
- Strong, reliable power supply
- Architecturally store-and-forward protocol
- Level 2 anti-thunder function for Uplink port (port 5)
- Natural cooling by method of Fan less design
- Metal compact package design, suitable for desktop or wall mount

Full Description

This SAE-PE450-F PoE switch can prepare a field that power and data can feed from a single point, using Power over Ethernet (PoE) over a single cable. 4 fast Ethernet ports and one uplink port prepare any 10/100 Mbps link and the rest of 4 ports can supply industry-standard IEEE 802.3af power for every PoE standard devices. Regards to using advanced auto-sensing algorithm the SAE-PE450-F 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, SAE-PE450-F recognise automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™.

Remarkably, It helps smart CCTV network designers to improve their planning and use the switch intelligently. SAE-PE450-F 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.



Applications

- IP Camera in CCTV monitoring and transmitting systems
- Digital Radio in transmission systems
- IP telephone, virtual PABX and intelligent unmanned systems
- Management and support Intelligent transportation supervisory (ITS)
- Monitoring TV medical and management
- Tele-Communication System
- School, campus, and... monitoring and remote control
- Wireless systems (AP) and transmission data

Technical specification

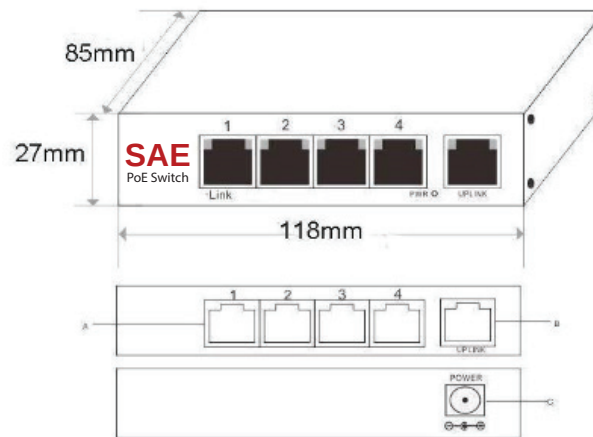
Product	5×10/100Mbps RJ45 fast Ethernet auto sensing		
Product Model	SAE-PE450F		
Transfer Mode	Store-And-Forward		
Performance			
Capacity in Millions of Packets per Second (64-byte packets) (Buffer Memory)			768K
Switching Capacity in Gigabits per Second (Gbps) (Bandwidth)			1.6Gbps
Maximum Network Delay in microseconds (us)			20 us
Address Database Size			1K
MTBF			190000 H
Interface			
Ports	4 x 10/100M 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(≤100meter)			
Supported Network Protocols and Standards			
➤ IEEE 802.3i 10BASET ➤ IEEE 802.3u 100BASETX ➤ IEEE 802.3x Flow Control			



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

Power	
Output	Total: 65 W
Input	AC100-240V 50/60Hz (every country use a custom power plug)
Dimensions	118x85x27mm
Working Environment	Operating Temperature: 0°C~55°C; Storage Temperature: -20 °C ~ 75°C; Humidity: 10% ~ 90%, non-condensing;

Product Size Display



- A. 4 RJ45 Port
- B. Uplink Port
- C. DC 48V Input

Product Application Display

