



Smart Architecture of Espadana

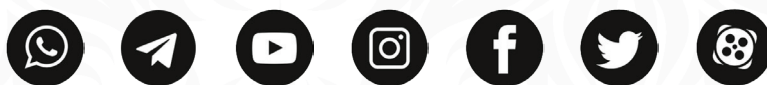
Designing, Production, Customization and Consultant Service
in Network and Fiber Optic System



Technical Specification

SAE-PE16160F-2GC

16 ports PoE 10/100Mbps switch & 2 Up-link 10/100/1000Mbps ports





Product Description

- 16 PoE ports support power over Ethernet for Power Devices, Support IEEE802.3af standard guaranty per ports (15.5 watt per port)
- 18 x RJ45 ports fast ethernet auto-sensing
- 2xUplink 10/100/1000Mbps ports, Uplink ports: 1.25Gbps fiber interface
- Strong, reliable power supply
- 250 watts total power output
- Architecturally store-and-forward protocol
- Natural cooling by using method of Fan less design
- Metal compact package design, suitable for desktop or 1-U rack mount

Full Description

This SAE-PE16160F-2GC PoE switch prepare a field that power and data can feed from a single point, using Power over Ethernet (PoE) over a single cable. 16-fast Ethernet ports and 2-Gigabit Uplink ports prepare any 1000Mbps link and the rest of 16ports can supply industry-standard IEEE 802.3af power for every PoE standard devices.

Regards to using advanced auto-sensing algorithm the SAE-PE16160F-2GC 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-PE16160F-2GC can recognized automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™.

Remarkably, It has two gigabit Uplink ports that helps smart CCTV network designers to improve their planning and use the switch intelligently.

SAE-PE16160F-2GC 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



Applications

- 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

Technical specification

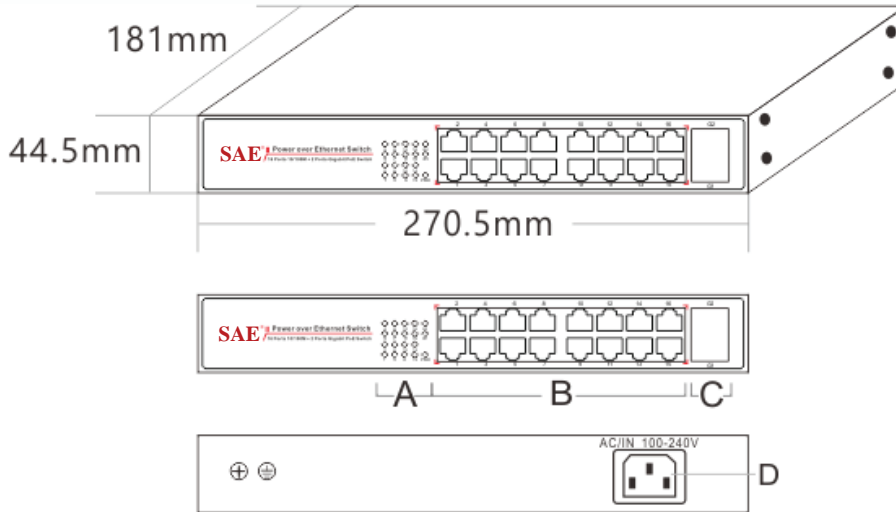
Product	SAE-PE16160F-2GC	
Performance		
Capacity in Millions of Packets per Second (64-byte packets) (Buffer Memory)	4M	
Switching Capacity in Gigabits per Second (Gbps) (Bandwidth)	14.8Gbps (non-blocking)	
Maximum Network Delay in microseconds (us)	maximum delay less than 20(μs)	
MAC Size	16K	
MTBF	190,000hours	
Interface		
Ports	16×PoE 10/100Mbps ports 2×Up-link 10/100/1000Mbps ports	
protocol		
Store-And-Forward		
Supported Network Protocols and Standards		
<ul style="list-style-type: none"> ➢ IEEE 802.3i 10BASET ➢ IEEE 802.3u 100BASETX ➢ IEEE 802.3x Flow Control 		
Cable length detection	100m	
Power		
Output	Total: 250W	
Input	AC100-240V 50/60Hz (every country use a custom power plug)	



Environmental Aspects	
Dimension	270.5x181x44.5mm
Working environment	Operating Temperature: 0°C ~ 55°C Storage Temperature: -20°C ~ 75°C Operating Humidity: 10% ~ 95%, non-condensing



Product Size Display



A. Working LED Indicator

B. 16*10/100M PoE Ports

C. 2*10/100/1000M Uplink Rj45 Ports

D. Input Port - AC100-240V,50/60Hz

Product Application Display

