Smart Architecture of Espadana

Designing, Production,Customization and Consultant Service

in Network and Fiber Optic System

Technical Specification

SAE-PE-16160F-DGU

16 ports PoE 10/100Mbps switch & 2 Up-link Gigabit Combo port (SFP+Rj45)

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Product Description

- 16 PoE ports support power over Ethernet for Power Devices, Support IEEE802.3af standard guaranty per ports (15.5 watt per port)
- 16 x RJ45 ports fast ethernet auto-sensing
- 2xCombo ports (Gigabit SFP + Gigabit RJ45), 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
- Remote Web interface for Switch management
- Metal compact package design, suitable for desktop or 1-U rack mount

Full Description

This SAE-PE16160F-DGU 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-Combo ports (gigabit SFP + gigabit RJ45) prepare any 1000 Mbps link and the rest of 16 ports can supply industry-standard IEEE 802.3af power for every PoE standard devices. Regards to using advanced auto-sensing algorithm the SAE-PE16160F-DGU 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 SAE-PE16160F-DGU can recognized automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™. Remarkably, it has two gigabit fiber ports (SFPs) that helps smart CCTV network designers to improve their planning and use the switch intelligently.

SAE-PE16160F-DGU 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

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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-DGU**
Performance	
Capacity in Millions of Packets per Second (64-byte packets) (Buffer Memory)	2.75M
Switching Capacity in Gigabits per Second (Gbps) (Bandwidth)	8.8Gbps (non-blocking)
Maximum Network Delay in microseconds (us)	maximum delay less than 20(µs)
MAC Size	1K
MTBF	190,000hours
Interface	
Ports	**16×PoE 10/100Mbps** **2×Up-link Gigabit Combo port (SFP+Rj45)**
protocol	
Store-And-Forward	
Supported Network Protocols and Standards	
➢ 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	440x280x44mm
Working environment	Operating Temperature: 0°c ~ 55°c Storage Temperature: -20°c ~ 75°c Operating Humidity: 10% ~ 95%, non-condensing

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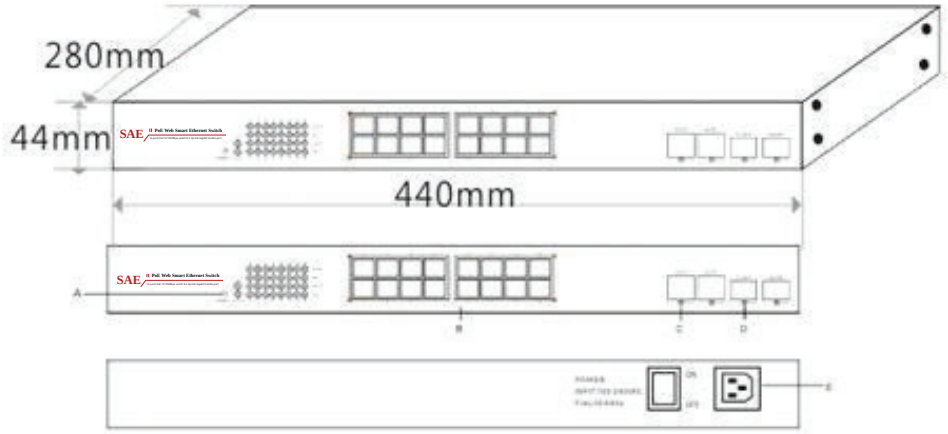
Product Size Display



A: Working LED indicator
B:16 Port
C/D: Gigabit TP/SFP Combo Port
E:100-240VAC,50/60Hz

Product Application Display