Smart Architecture of Espadana

Designing, Production,Customization and Consultant Service

in Network and Fiber Optic System

Technical Specification

SAE-PE24240F-2GC

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

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Product Description

- 24 PoE ports support power over Ethernet for Power Devices, Support IEEE802.3af standard guaranty per ports (15.5 watt per port)
- 26 x RJ45 ports fast ethernet auto-sensing
- 2 x Uplink 10/100/1000Mbps ports, Uplink ports: 1.25Gbps fiber interface
- Strong, reliable power supply
- 400 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

Full Description

This SAE-PE24240F-2GC can prepare a field that power and data can feed from a single point, using Power over Ethernet (PoE) over a single cable. All the 24 Ethernet ports are capable of connecting with 10/100Mps and the uplink port of this switch is a fiber interface, through which all ports can support IEEE 802.3af/at power supply for every PoE standard devices. Regards to using advanced auto-sensing algorithm the SAE-PE24240F-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, this PoE Switch SAE-PE24240F-2GC can recognized automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™. SAE-PE24240F-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 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.

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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-PE24240F-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	24x10/100M copper cable RJ45 PoE ports 2x10/100/1000 copper cable RJ45 Up-Link Ports
protocol	
Store-And-Forward	
Network Medium	
➢ 10BASE-T: Cat3/4/5 UTP (≤100 meter) ➢ 100BASE-TX: Cat5 or more UTP (≤100 meter) ➢ 100BASE-FX: MMF, SMF ➢ 1000BASE-X: MMF, SMF	
Supported Network Protocols and Standards	
➢ IEEE 802.3i 10BASET ➢ IEEE 802.3u 100BASETX ➢ IEEE 802.3x Flow Control ➢ IEEE802.3ab ➢ IEEE802.3z ➢ IEEE 802.3af /at	

Certifications	
Radiation	CE mark, commercial, FCC Part 15 Class B VCCI Class B, EN 55022 (CISPR 22), Class B
Safety	CE Mark, commercial, CE/LVD EN60950
Cable length detection	100m
Power	
Output	Total: 400W
Input	AC100-240V 50/60Hz (every country use a custom power plug)
Environmental Aspects	
Dimension	270*181*44.6mm
Working environment	Operating Temperature: 0°c ~ 55°c Storage Temperature: -40°c ~ 75°c Operating Humidity: 10% ~ 95%, non-condensing

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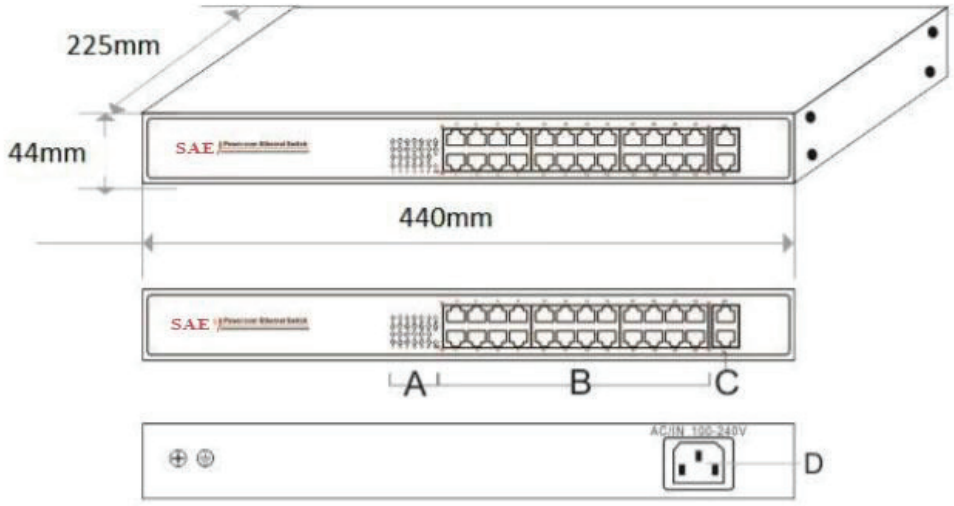
Product Size Display



A. Working indicator B . 24*10/100M PoE ports
C. 2*100/1000M uplink RJ45 ports
D. Power input port AC100-240V,50/60Hz

Product Application Display