

Type: **SAE-PEH16G-DS250**

Technical Specification of SAE-PEH16G-DS250

➤ **16 x 10/100/1000M port POE switch & 2 x 1000 Base-X SFP Uplink Ports**



- Reliable power supply for network surveillance cameras
- 16 x 10/100/1000M Ethernet ports with RJ45 auto-sensing capability + 2 x 1000 Base-X SFP Uplink ports
- Compliant with IEEE 802.3af/at
- Port auto-flip such as Auto MDI/MDIX
- Provide full duplex based on IEEE802.3x and half duplex based on Backpressure
- Total Permissible PoE power: 250 W
- Permissible PoE Power/Port: 30 W
- Adaptive with store - and - forward architecture

Product Description

This smart and economic PoE switch (**SAE-PEH16G-DS250**) make both Data and Power transmission possible over a single cable. All the Ethernet ports are capable of connecting with 10/100/1000Mbps and the uplink port of this switch is two 1000 Base-X SFP Ports. PoE is available on all PoE signed ports using IEEE 802.3af/at standard.

Auto-sensing technology, used in this device let the users to connect



both PoE and non-PoE devices to **SAE-PEH16G-DS250** with no consideration or hesitation. Additionally, this manageable PoE Switch can recognized automatically PoE demands of devices and automatically disconnect the power when PoE device is disconnected or turned off. It is also capable of recognizing speed, duplex, and cable type using Auto Uplink™.

The high quality of components let the **SAE-PEH16G-DS250**, have superior performance in stability and environmental adaptability. The product designed to be resistant and to corrosion and electromagnetic interference. Power adaptor, installed within the product provide a reliable and low noise source of power for this device.

: Applications

- IP cameras monitoring systems and transmitting systems
- Access points wireless systems and transmission data
- IP telephony , 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

: Technical spesification

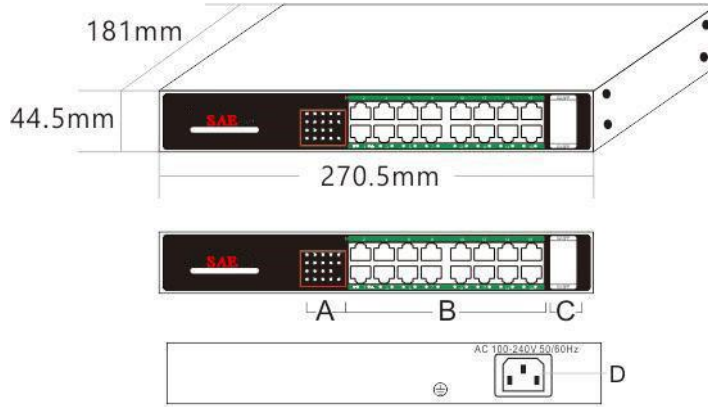
Product	16- GE (Ethernet) port +2 x SFP Switch (SAE-PEH16G-DS250)	
Product Model	SAE-PEH16G-DS250	
Transfer Mode	Store-And-Forward	
Performance (Switching capacity and forwarding rate)		
Capacity in Millions of Packets per Second (mpps) (64-byte packets) (Buffer Memory)		4M
Switching Capacity in Gigabits per Second (Gbps) (Bandwidth)		52Gbps



Forwarding Rate in Millions of Packets per Second (Mpps)		26.78Mpps
Address Memory Size		8K
Interface		
Ports	16*10/100/1000M Base-T PoE ports	
	2* 1000 Base-X SFP Uplink Ports	
Supported Network Protocols and Standards		
<ul style="list-style-type: none">➤ IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;➤ IEEE802.3u 100Base-TX;➤ IEEE802.3ab 1000Base-T;➤ IEEE802.3z 1000Base-X➤ IEEE802.3x		
<ul style="list-style-type: none">➤ IEEE802.3af/at PoE protocol on 1-16 Ports		
Status LEDs	Power Supply LED, Connecting and PoE Working Status LEDs	
Power		
Output	Total: 250 W Max/Port: 30 W Average/Port: 15.4 W	
Input	AC100-240V 50/60Hz; (Depending on the country)	
Consumption	20 W on standby/ 250 W on Full load	
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	
Dimensions	270*181*44.5mm 1.7Kg<W<2.2Kg	
Working Environment	Operating Temperature: -20 ° ~ 55 ° C; Storage Temperature: -40 ° ~ 75 ° C; Humidity: 5% ~ 90%, non-condensing; Storage Humidity: 5% ~ 90%, non-condensing;	
Anti-surge / Protection Level	Anti-surge:4KV 8/20us; Protection Level:IP30	
Warranty	2 years warranty	

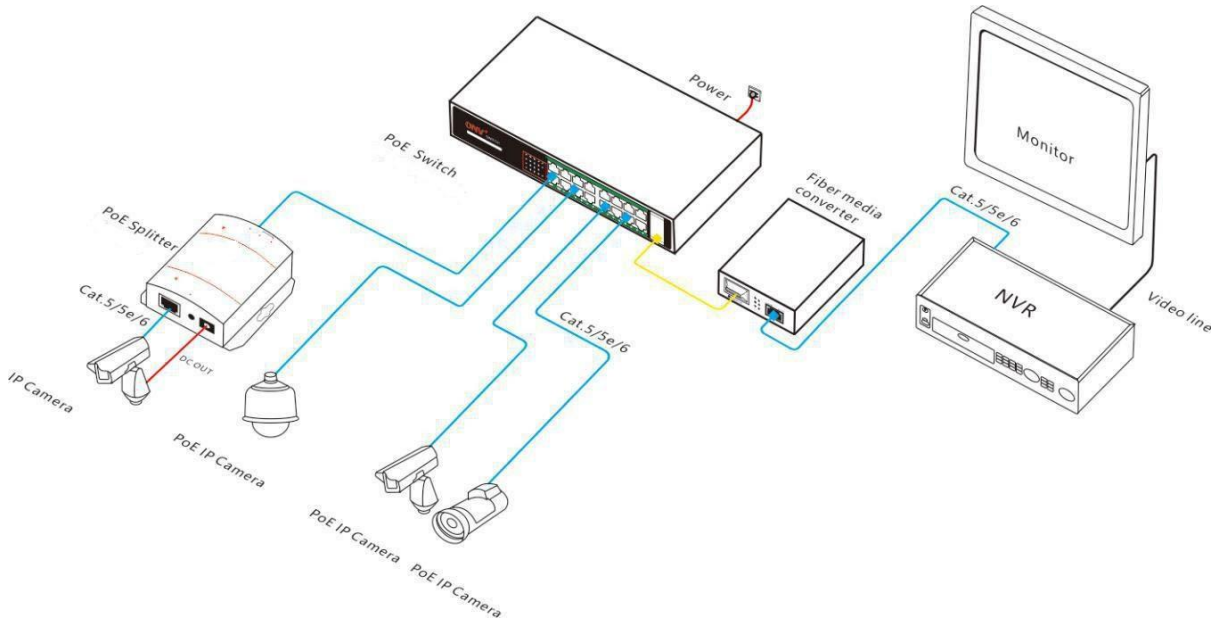
Product Size Display

L X W X H(mm): 270*181*44.5mm



- A. Working indicator
- B. 16*PoE ports
- C. 2*1000M uplink SFP ports
- D. Power input port AC100-240V,50-60Hz

Product Application Display



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