Technical Specification

SAE-PE880F-DGU

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

Product Description

- 8 PoE ports support power over Ethernet for Power Devices, Support IEEE802.3af standard guaranty per ports (15.5 watt per port)
- 8 x RJ45 ports fast ethernet auto-sensing
- 2xCombo ports (Gigabit SFP + Gigabit RJ45), Uplink ports: 1.25Gbps fiber interface
- Strong, reliable power supply
- 120 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-PE880F-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. 8-fast Ethernet ports and 2-Combo ports (gigabit SFP + gigabit RJ 45) prepare any 1000Mbps link and the rest of 8ports can supply industry-standard IEEE 802.3af power for every POE standard devices. Regards to using advanced auto-sensing algorithm the SAE-PE880F-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-PE880F-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-PE880F-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 types of power, to get more powerful suitability to environment.

2

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
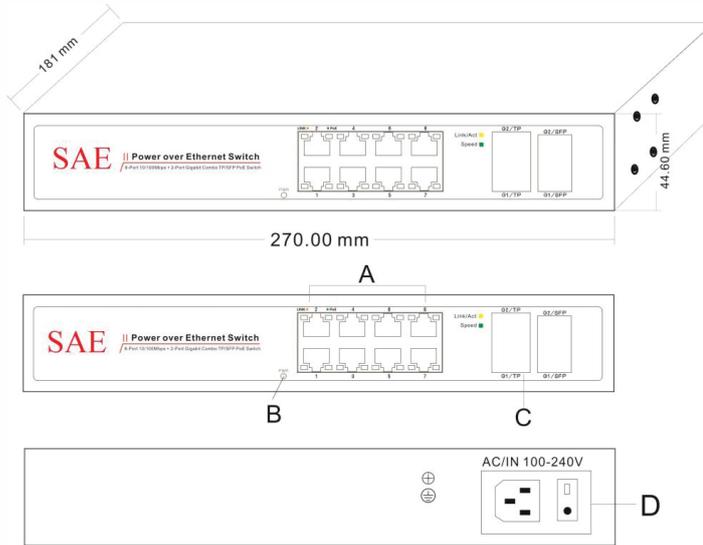
Technical specification

Product	SAE-PE880F-DGU	
Performance		
Capacity in Millions of Packets per Second (64-byte packets) (Buffer Memory)		4M
Switching Capacity in Gigabits per Second (Gbps) (Bandwidth)		64Gbps (non-blocking)
Maximum Network Delay in microseconds (us)		maximum delay less than 20(μs)
MAC Size		1k
MTBF		190,000hours
Interface		
Ports	8×10/100Mbps PoE ports 2×Up-link 10/100/1000Mbps 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: 120W	
Input	AC100-240V 50/60Hz (every country use a custom power plug)	

3

Environmental aspects	
Dimension	270x181x44mm
Working environment	Operating Temperature: 0 ° ~ 55 ° C Storage Temperature: -20 ° ~ 75° C Operating Humidity: 10% ~ 95%, non-condensing

Product Size Display

181 mm

44.60 mm

270.00 mm

A

B   C

AC/IN 100-240V

D

A. PoE Port   B. PWR LED Indicator

C. Combo Port   D. AC100-240V, 50-60Hz

Product Application Display

PoE Switch

Power

WAN

Monitor

PoE Splitter

Cat.5

DC OUT

IP Camera

PoE IP Camera

PoE IP Camera

PoE IP Camera

Cat.5/5e/6

Fiber media converter

Cat.5/5e/6

NVR

Video line

5