



Smart Architecture of Espadana

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



Technical Specification

SAE-IPE880F-2GC

8 PoE 10/100Mbps ports & 2x10/100/1000Mbps Uplink ports





Product Description

- Industrial design, 8x10/100Mbps Ethernet RJ45 ports with Auto Uplink™ and 2 × 10/100/1000Mbps Uplink ports
- Single PoE Port Power Output/ Max 15.4 watts (IEEE 802.3af), Max 30 watts (IEEE 802.3at) per port
- Total power output: 120W
- RJ 45 port supports Auto MDI/MDIX
- Store-and-forward architecture has supported, forwarding memory up to 4MBytes
- Provide DIN35 rail type installation method
- 8 PoE ports support both IEEE802.3af and IEEE802.3at standard
- packet size: 64 ~ 1522 Bytes, support jumbo frame at 9216 Bytes
- support Standards of IEEE 802.3, IEEE 802.3u, IEEE 802.3x Flow Control

Full Description

This SAE-IPE880F-2GC is an industrial PoE switch that prepare a field that power and data can feed from a single point, using Power over Ethernet (PoE) over a single cable. It has eight-Fast Ethernet ports and two Gigabit Ethernet Up-Link ports. all ports can supply industry-standard IEEE 802.3af power for every PoE standard devices. It provides the ideal combination of affordability and capabilities for entry level networking of industrial, enterprise application which demands industrial, surveillance, IP Phone, IP Camera or Wireless applications, thus helps you create a more efficient workforce. Regards to using advanced auto-sensing algorithm the SAE-IPE880F-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, thisPoESAE-IPE880F-2GC can recognize automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™. SAE-IPE880F-2GC is made with high quality of rigorous screened components, which have superior performance in stability, environmental adaptability. It can work normally in very cold environment to very hot from -40°C to +75°C. The product is planned in a way to have better resistance against corrosion and electromagnetic interference. Power input also made a suitable and reliable types of power, to get more powerful suitability to environment.



Applications

- IP cameras monitoring systems and transmitting systems
- IP telephone in telecom systems
- Digital Radio in transmission systems
- Management and support Intelligent transportation supervisory (ITS)
- Monitoring TV medical and management
- Long distance Multi-media Schooling, Campus monitoring
- Using in subway PIS, SCADA, sewage treatment, metallurgy

Technical specification

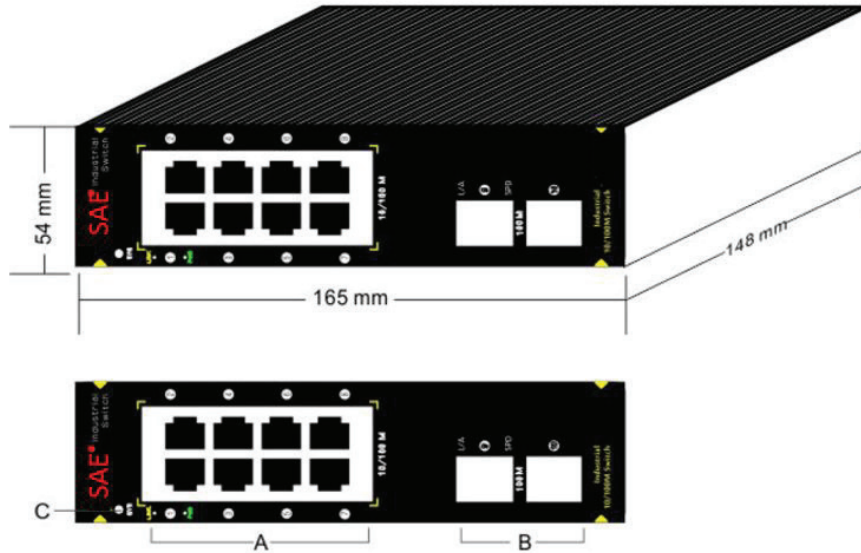
Product name	SAE-IPE880F-2GC
Interface	
Ports	8x 10/100M copper cable RJ45 ports 2x10/100/1000Mbps uplink ports
Network Medium	
<ul style="list-style-type: none"> ➤ 10BASE-T/ Cat3/4/5 UTP (≤100 meter) ➤ 100BASE-TX/ Cat5 or more UTP (≤100 meter) ➤ 100BASE-FX/ MMF, SMF ➤ 1000BASE-X/ MMF, SMF 	
Switch Processing Scheme	
Store-and-Forward	
Optical Transmission Distance	
<ul style="list-style-type: none"> ➤ Single mode/ (9/125um) optical transmission ➤ transmission distance/ 25km (double optical default, single optical alternative) 	
Performance Specification	
Bandwidth: 3.2Gbps	
Packet Buffer Memory: 4M	
Packet Forwarding Rate: 4.2Mpps	
Address Table: 8K	
MTBF: 539,600hours	
Standards Compliance	



IEEE 802.3u; IEEE 802.3i; IEEE 802.3 x Flow Control; IEEE802.3af DTE Power via MDI IEEE802.3u: 100Base-T;
LED Indicators
System /power supply/ Every Port connecting/ PoE working status
Power
External power supply
Dimension
165x148x54mm/ 1.6 Kg
Environmental Aspects
Working Temperature -40°C ~ 80°C; Storage Temperature -40°C ~ 85°C; Working Humidity 10% ~ 95% (non-condensing) Storage Humidity 10% ~ 95% (non-condensing)
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



Product Size Display



A. RJ45 Port

B. 100M Uplink Port

C. System Working Indicator

Product Application Display

