Technical Specification

SAE-IPE8800F-OSFPM

8 PoE 10/100/1000Mbps ports & 8 gigabit LC fiber slot ports

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Product Description

- Industrial design, 8 × 10/100/1000Mbps Ethernet RJ45 ports with Auto Uplink™ and 8 gigabit LC fiber slot
- Port 1-8 support PoE, Single PoE Port Power Output/ Max 15.4 watts (IEEE 802.3af), Max 30 watts (IEEE 802.3at) per port
- Total power output: 120W
- RJ45 port supports Auto MDI/MDIX
- Automatic MAC address learning and aging
- Auto Negotiation for Full duplex Mode and Half duplex Mode
- Provide DIN35 rail type installation method
- Electromagnetic compatibility of up to 4 grade standard
- Superior performance, successfully used in industrial field
- Default PoE power supply type is end-span, mid-span optional
- 8 PoE ports support both IEEE802.3af and IEEE802.3at standard

Full Description

 This SAE-IPE8800F-OSFPM Industrial Gigabit smart PoE switch prepare a field that power and data can be feed from a single point, using Power over Ethernet (PoE) over a single cable. Eight Gigabit Ethernet ports and Eight SFP port it prepared any 10/100/1000Mbps. all ports can supply industry-standard IEEE 802.3af/IEEE 802.3at 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-IPE8800F-OSFPM gives power only to IEEE802.3af/IEEE 802.3at 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 manageable PoE SAE-IPE8800F-OSFPM can recognize automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™. SAE-IPE8800F-OSFPM 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.

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- 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
- Long distance Multi-media Schooling, Campus monitoring
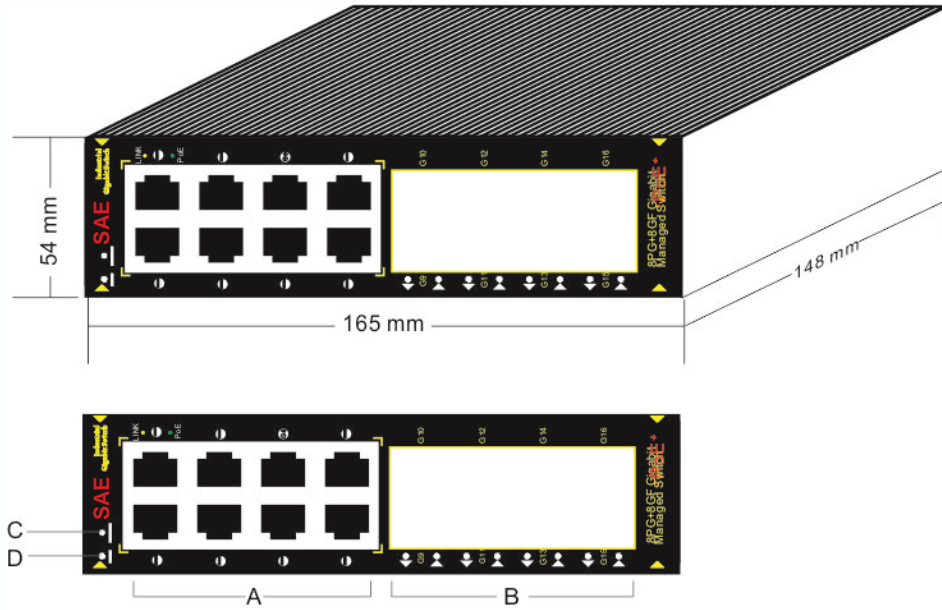
Technical specification

Product name	**SAE-IPE8800F-OSFPM**
Interface	
Ports	8×10/100/1000Base-T ports 8× Gigabit LC fiber slots
PoE Specification	

- PoE Standard/ Supports both IEEE802.3af and IEEE802.3at
- Single PoE Port Power Output/ Max 15.4 watts (IEEE 802.3af), Max 30 watts (IEEE 802.3at)
- 8 PoE ports/ auto detect AF/AT devices
- PoE Port Output/input Voltage:120W/ DC48-57V
- Power Pin Assignment/ 1/2+;3/6-

Switch Processing Scheme
Store-and-Forward
Optical Interface
SFP slot
Optical Transmission Distance
550m-20km, or more, depends on optical module you used
Performance specification
Bandwidth: 256Gbps
Packet Buffer Memory: 6M

Packet Forwarding Rate: 23.81Mbps/port
Address Table: 8K
MTBF: 300,000 hours

Standards Compliance

IEEE802.3: CSMA/CD;
IEEE802.3i: 10Base-T;
IEEE802.3u: 100Base-T;
IEEE802.3ab: 1000Base-T;
IEEE802.3z: 1000Base-LX

LED Indicators

Power/ PWR/ Link PoE/ L/A

Power

Adapter note/ Removable industrial 3-pin terminal block (Power adapter is not included in the package, need to order it separately)

Dimension

165x1485x54mm

Environmental Aspects

Working Temperature	-40°c ~ 75°c;
Storage Temperature	-40°c ~ 75°c;
Working Humidity	5% ~ 95%(non-condensing)
Storage Humidity	5% ~ 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

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Product Size Display

A. 10/100/1000M PoE RJ45 Port   B. Gigabit SFP Port
C. Reset   D. System Working Indicator

Product Application Display