



Smart Architecture of Espadana

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



Technical Specification

SAE-IPE220FSC-MDFI

2 PoE 10/100Mbps ports and 1x155Mbps fiber SC duplex port





Product Description

- Full Industrial design, application with 2x10/100Mbps Ethernet RJ45 ports with Auto Uplink™ and 1x155Mbps SC duplex optical port
- Single PoE Port Power Output/ Max 15.4 watts (IEEE 802.3af), Max 30 watts (IEEE 802.3at) per port
- Total power:60W
- Full Plug and play system
- Provide DIN35 rail-type installation method
- Network ports support Auto MDI/MDI-X
- MAC address automatic learning and automatic aging
- Auto-Negotiation for Full-duplex Mode and Half-duplex Mode
- LED indicators for monitoring power/link/activity, easy to use.
- Electromagnetic compatibility of up to 4 grade standard
- IP40 protection class
- Superior performance, successfully used in industrial
- Support both standard end-span, mid-span optional
- 2 PoE ports support both IEEE802.3af and IEEE802.3at standard

Full Description

This SAE-IPE220FSC-MDFI 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. two Gigabit Ethernet ports, all ports can supply both industry-standard IEEE802.3af/IEEE802.3at 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-IPE220FSC-MDFI gives power only to IEEE802.3af/IEEE802.3at 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 PoE SAE-IPE220FSC-MDFI can recognize automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™. SAE-IPE220FSC-MDFI 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 scorching 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
- Access points wireless systems and transmission data
- Digital Radio in transmission systems
- Management and support Intelligent transportation supervisory (ITS)
- Monitoring TV medical and management
- Long-distance Multi-media Schooling, Campus monitoring
- Broadcast television transmission system

Technical specification

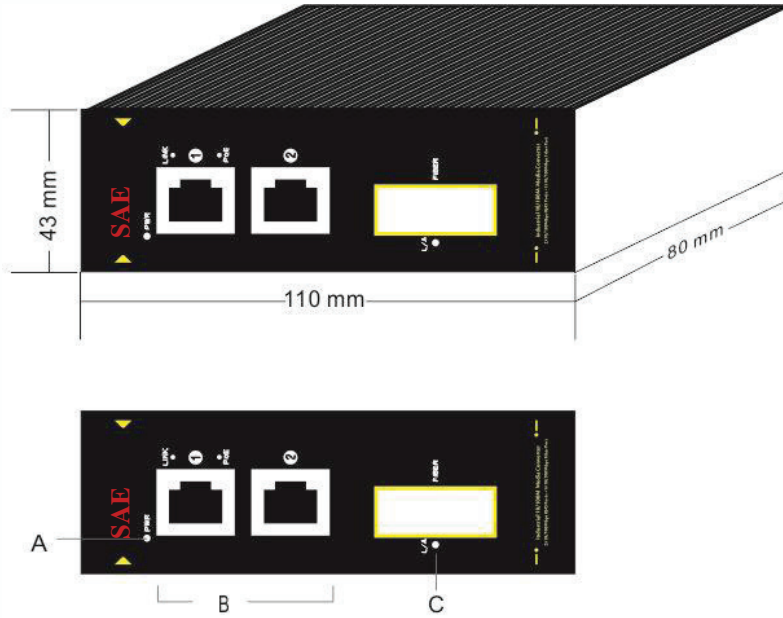
Product name	SAE-IPE220FSC-MDF
Interface	
Ports	2x10/100Base-T ports 1x155M SC / duplex port
PoE Specification	
<ul style="list-style-type: none"> ➤ PoE Standard: Supports both IEEE802.3af and IEEE802.3at ➤ Single PoE Port Power Output/ Max 15.4 watts (IEEE 802.3af), Max 30 watts (IEEE 802.3at) ➤ 2 PoE ports/ auto detect AF/AT devices ➤ PoE Port Output/input Voltage:60W/ DC48-57V ➤ Power Pin Assignment: 1/2+;3/6- 	
Switch Processing Scheme	
Store-and-Forward	
Optical Fiber Feature	
<ul style="list-style-type: none"> ➤ Multi-mode dual fiber SC interface ➤ Wave Length/ Multi-mode 1310nm ➤ Transmission Distance/ Multi-mode 2KM 	
Performance specification	
Bandwidth: 1.2Gbps	
MAC: 1k	
Buffer memory: 768k	
Forwarding rate: 0.47Mpps	
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)
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



Product Size Display



A. System Working Indicator B. 10/100M RJ45 Port C. Uplink Optical SC Port

Product Application Display

