

Type: **SAE-IPE220FSC-MDFI**

Technical Specification of SAE-IPE220FSC-MDFI

2 port 10/100 POE switch and one fiber SC SFP port

Industrial PoE Switch



- Industrial design, 2x 10/100M Ethernet RJ45 ports with AutoUplink™ and 1x 100M SC optical port
- Support IEEE802.3x flow control for Full-duplex Mode and back pressure for Half-duplex Mode
- RJ-45 port supports Auto MDI/MDI-X
- Automatic MAC address learning and aging
- Auto-Negotiation for Full-duplex Mode and Half-duplex Mode
- Plug and play, with LED indicators for monitoring power/link/activity, easy to use.
- Provide DIN35 rail-type installation method
- Electromagnetic compatibility of up to 4 grade standard
- IP40 protection class
- Superior performance, successfully used in industrial field
- Default PoE power supply type is end-span, mid-span optional
- 2 PoE ports support both IEEE802.3af and IEEE802.3at standard

Product 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. One two Gigabit Ethernet ports ,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-IPE220FSC-MDFI** 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 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 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

- Smart Monitoring of IP Camera in CCTV monitoring
- Industrial fields and manufactures
- Digital Radio in transmission systems
- IP telephony in telecom systems



- Intelligent transportation supervisory system (ITS)
- Intelligent network Tele-Communication System
- Security protection system, TV medical treatment
- Short-distance Multi-media Schooling, Campus monitoring
- Broadcast television transmission system
- Wireless AP layout transmission and power supply

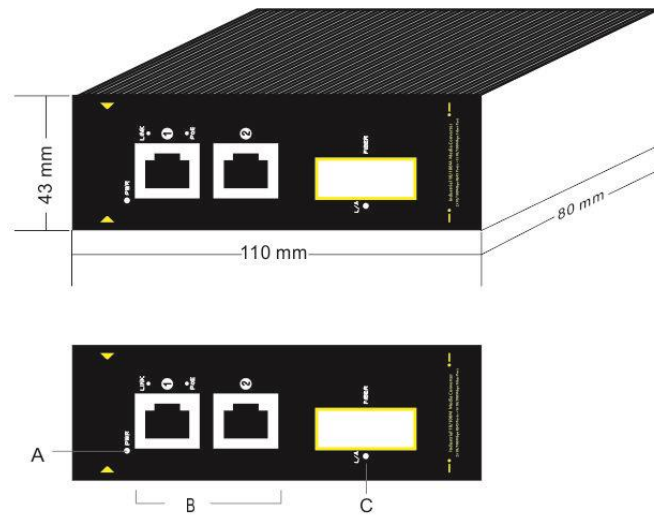
Technical specification

Product name	SAE-IPE220FSC-MDFI	
Product code	I221	
Interface		
Ports	2x 10/100Base-T ports + 1x 100M SC optical port	
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)	
2 PoE ports	auto detect AF/AT devices	
PoE Port Output Voltage	DC48-57V	
Power Pin Assignment	1/2+;3/6-	
Switch Processing Scheme		
Store-and-Forward		
Optical Fiber Feature		
Multi-mode dual fiber SC interface	Wave Length: Multi-mode 850nm	
Transmission Distance: Multi-mode 1000m		
MTBF		
Length	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	



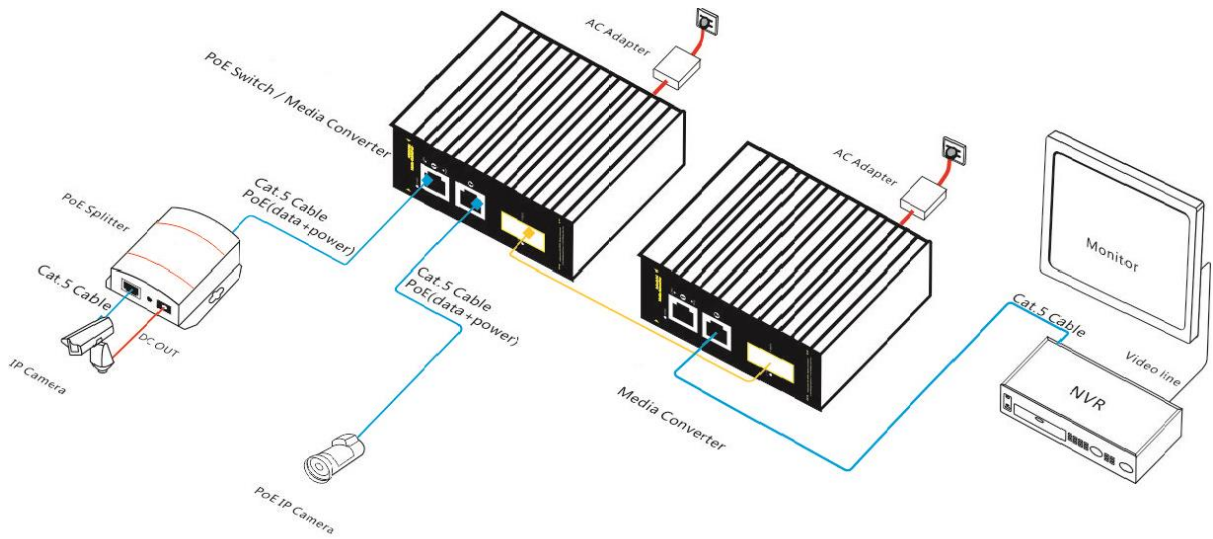
Power	
Adapter note	Removable industrial 3-pin terminal block (Power adapter is not included in the package, need to order it separately)
Product Size	
WxDxH	110x80x43mm
Environmental Aspects	
Working Temperature	-40~75°C
Storage Temperature	-40~75°C
Working Humidity	5%~95%(non-condensing)
Storage Humidity	5%~95%(non-condensing)
Working high	Altitude of 3000 m(10,000ft)
Storage high	Altitude of 3000 m(10,000ft)
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. System Working Indicator B. 10/100M RJ45 Port C. Uplink Optical SC Port

Product Application Display



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