Smart Architecture of Espadana

Designing, Production,Customization and Consultant Service

in Network and Fiber Optic System

Technical Specification

SAE-PE4600F-1C1F1R

4 ports PoE 10/100/1000Mbps switch & 3 gigabit Uplink Ports (1SFP+1RJ45+1Combo)

Product Description

- 4*10/100/1000Mbps POE + 1x gigabit RJ45 + 1x gigabit SFP Port + 1 gigabit Combo Port, 1-4 ports support IEEE802.3af/at
- Comply with IEEE 802.3, IEEE 802.3u , IEEE 802.3ab Standards
- PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- Support AI Watchdog, Port self-healing, VLAN, extend 300meter distance, Auto Speed Change, Priority port & reduce the after-resale;
- Supports POE devices such as wireless access points (APs) and network surveillance cameras through Category 5/6 Ethernet cables;
- The Power supply is 65W;

Full Description

The **SAE-PE4600F-1C1F1R** series is an unmanaged PoE switch that provides a solution where both power and data can be delivered from a single point, utilizing Power over Ethernet (PoE) over a single cable. It features 4 PoE Gigabit Ethernet ports and 3-gigabit uplink ports (1SFP+1RJ45+1Combo), ensuring any 1000Mbps link is supported. The 4 PoE ports can supply industry-standard IEEE 802.3af/at power to compatible PoE devices. With its advanced auto-sensing algorithm, the **SAE-PE4600F-1C1F1R** delivers power only to IEEE 802.3af/at compliant devices, eliminating concerns when connecting PoE or non-PoE devices. Additionally, it automatically cuts off power when PoE devices are disconnected.

Intelligently, this unmanaged PoE switch can automatically recognize the PoE requirements of connected devices, as well as their speed, duplex, and cable type. It also includes one-gigabit fiber port (SFP), which is ideal for smart CCTV network designers to enhance their planning and utilize the switch efficiently. The **SAE-PE4600F-1C1F1R** is built with high-quality components that have been rigorously tested, ensuring superior performance in stability and environmental adaptability. The product is designed to offer better resistance to corrosion and electromagnetic interference. Its power input is designed to be reliable and suitable for various environments, ensuring robust performance in diverse conditions.

Application

- IP cameras monitoring systems and transmitting systems
- Access points wireless systems and transmission data
- IP telephone, virtual PABX and intelligent unmanaged systems
- Monitoring TV medical
- School, campus, and… monitoring and remote control
- Wireless systems (AP) and transmission data

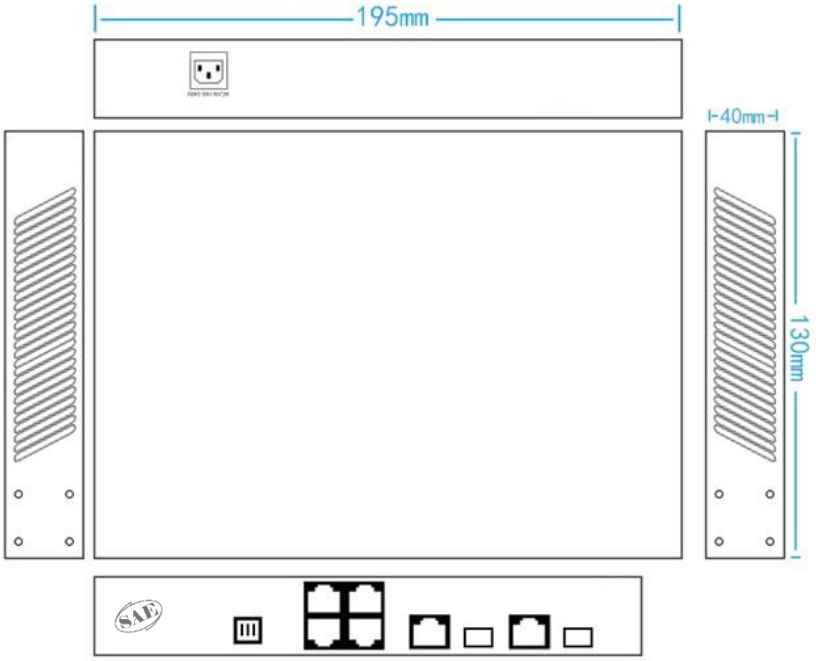
Technical Specification

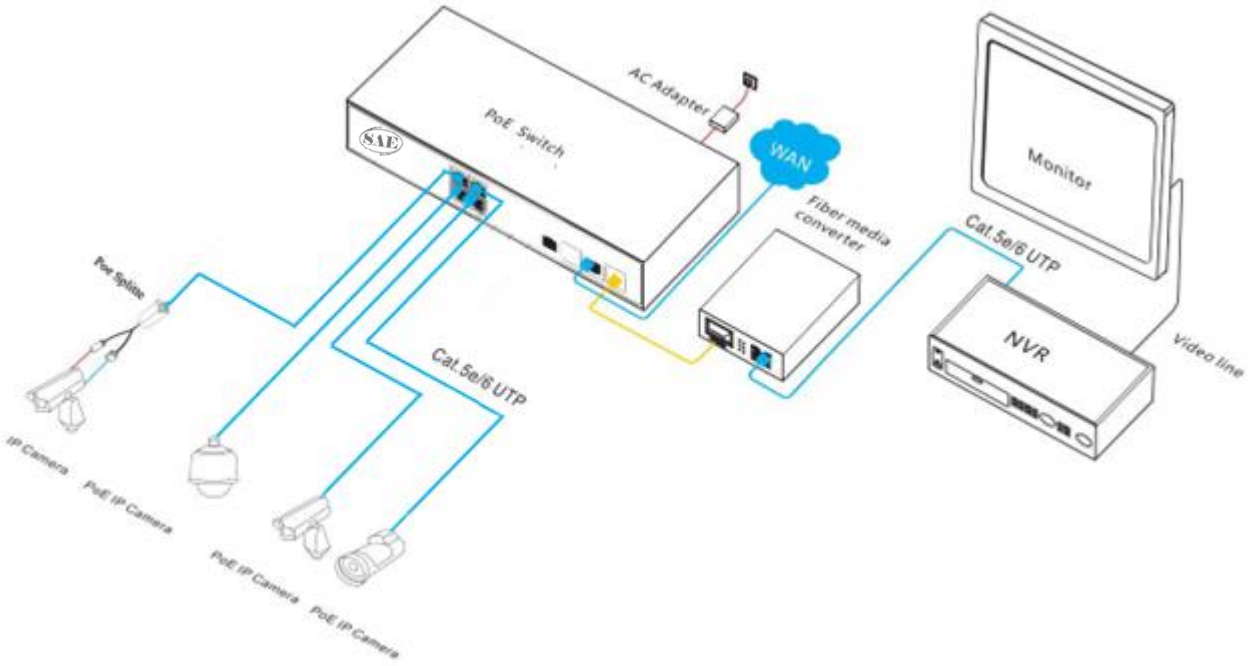
Product	SAE-PE4600F-1C1F1R
Ports	
4*10/100/1000Base-T/TX PoE ports (Data/Power) 1*10/100/1000Base-T/TX RJ45 uplink port (Data) 1*10/100/1000Base-X Uplink SFP port (Data) 1*100/1000Base-T/Base-X combo port (Data)	Fixed
Port 1-4 support PoE	PoE
Supported Network Protocols and Standards	
➢ IEEE802.3 10BASE-T; IEEE802.3i 10Base-T ➢ IEEE802.3u 100Base-TX ➢ IEEE802.3ab 1000Base-T ➢ IEEE802.3x	
Features	
Info	With the Dial code switch, support port priority by default. E: AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 100M/1000M within 100 meters; V: Turn on, 1-4 Port support for each port Isolation & VLAN; D: Turn on, 1-4 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatically solve the camera problem &reduce after-sale.
Ethernet Port	10/100Base-T(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive
Fiber Port Feature	Gigabit SFP Port (Fiber module is not included, need to order separately, module options include single/multi-mode, single/dual fiber, LC)
Forwarding Mode	Store and forward
Switching capacity	14Gbps
Buffer Memory	1M

MAC	4K
Forwarding Rate	10.416Mpps
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤300 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5 or later UTP (≤100 meter)
PoE & Power Supply	
MAX / AVERAGE Power Per Port	30W/15.4W
Power Supply Pin	Default 1/2(+), 3/6(-);
Total PWR / Input Voltage	65W /(AC100-240V)
Power Consumption	Standby:<2W; Full load:<65W
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-4(Link/Act)/ (Green),5-7(Link/Act)/ (Green)
Power Supply	Build-in power adaptor AC100~240V 50-60Hz,65W
Operation TEMP / Humidity	-20~+55°C:5%~90% RH non condensing
Storage TEMP / Humidity	-40~+75°C;5%~95% RH non condensing
Dimension & Installation	
Dimension	195*130*40mm
Net /Gross Weight	<1kg / <1.2kg
Installation Method	desktop type, wall mounted
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±4kV
Protection Level	IP30

Certification	CCC; CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B;RoHS

Product Display





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