



## Smart Architecture of Espadana

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



### Technical Specification

**SAE-SF28000-SFP**

8x10/100/1000Mbps fiber (SFP) optic port & 2 gigabit Ethernet ports Core switch





## Product Description

- Unmanaged Ethernet fiber core switch with  $2 \times 10/100/1000\text{M}$  RJ45 ports and  $8 \times 1000\text{M}$  uplink SFP ports
- Total power: 15W
- Meet IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3
- 1000BASE T IEEE 802.3 1000BASE LX fast standard
- Can transfer data for network surveillance cameras
- Support auto flip (Auto MDI/ MDIX), Simplifying network set up and maintenance
- Complies with IEEE 802.3x full duplex flow control standard, Backpressure standard for half duplex flow control Adopts store and forward architecture, ensure data integrity
- Support for broadcast and multicast storm control
- Support jumbo frames under all speeds (1000M)

## Full Description

This SAE-SF28000-SFP Gigabit core switch can prepare Telecommunication between fiber optic uplink ports to the server port. 8Gigabit fiber ports and 2 RJ45 Up-link ports prepared any 10/100/1000Mbps link can supply industry-standards IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3 1000BASE-T for all fiber ports.

The SAE-SF28000-SFP switch provides a network point for data transmission. The switch features simple and reliable design, automatic identification Ethernet requirements, duplex and high-speed. Remarkably, It has 8Gigabit fiber ports (SFPs) that helps designers to improve their planning and use the switch intelligently.

SAE-SF28000-SFP made by high quality of components were rigorous screened, have superior performance in stability, environmental adaptability. The product planned in a way of better resistance and ability to 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
- IP telephone, virtual PABX and intelligent unmanned systems
- Monitoring TV medical and management
- School, campus, and... monitoring and remote control

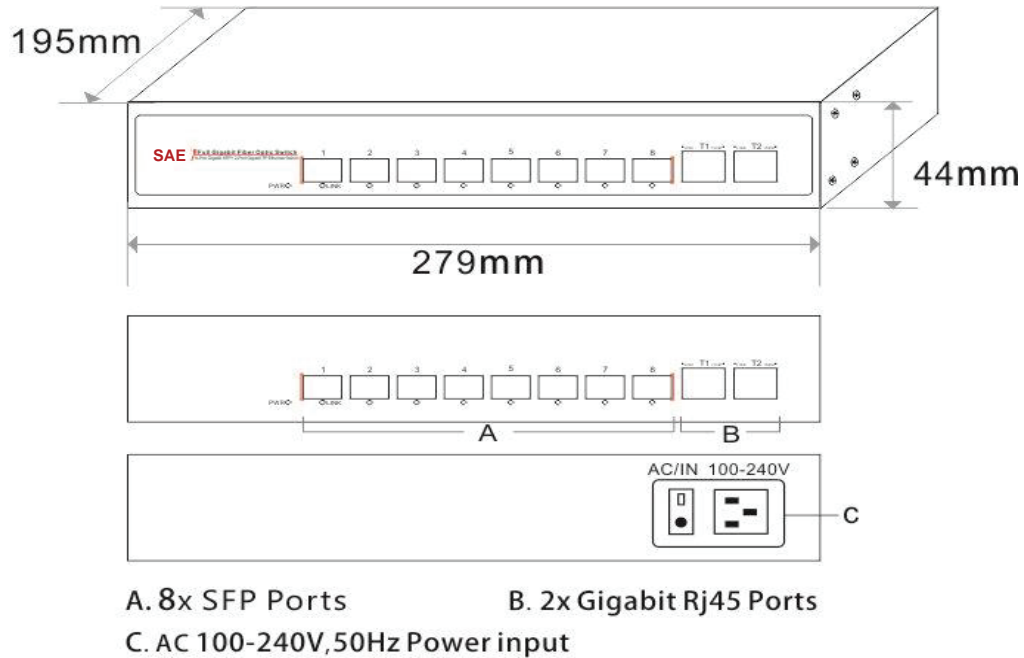
**Technical specification**

Product name	SAE-SF28000-SFP
<b>Interface</b>	
Ports	8x1000Mbps SFP ports + 2 gigabit auto-sensing RJ45 ports
<b>Switch Processing Scheme</b>	
Store-and-Forward	
<b>Optical Interface</b>	
SFP slot	
<b>Optical Transmission Distance</b>	
Single mode(9/125um) optical transmission, transmission distance: 25km (double optical default, single optical) Fiber Optic Port Medium: 1.25Gbps 1310nm 20KM single fiber (dual fiber)	
<b>Network Medium</b>	
100BASE-T: Cat5UTP; 100BASE-TX: Cat6 UTP	
<b>Performance Specification</b>	
Bandwidth: 20Gbps	
Packet Buffer Memory: 2M	
Packet Forwarding Rate: 14.88Mbps/port	
Address Table: 8K	
MTBF: 190,000 hours	



Standards Compliance	
IEEE802.3i: 10Base-T; IEEE802.3u: 100Base-T; IEEE 802.3x Flow Control	
LED Indicators	
Every Port: SFP Link, RJ-45 Link, 100M	
Power	
Built-in power adapter, AC100 -240V 50-60Hz 0.35A Total power: 15W/ Input voltage (AC100-240V)	
Dimension	
279*195*44mm	
Environmental Aspects	
Working Temperature	0°C ~ 75°C;
Storage Temperature	-10°C ~ 75°C;
Working Humidity	5% ~ 95% (non-condensing)
Storage Humidity	5% ~ 95% (non-condensing)

### Product Size Display



### Product Application Display

