**Smart Architecture of Espadana**

Designing, Production,Customization and Consultant Service

in Network and Fiber Optic System



## Technical Specification

# SAE-PE890F-DGM

8 ports PoE 10/100Mbps switch & 2 gigabit SFP fiber slot ports

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## Product Description

- 8 PoE ports support power over Ethernet for Power Devices, Support IEEE802.3af standard guaranty per ports (15.5 watt per port)
- 8 x RJ45 ports fast ethernet auto-sensing
- Supports Auto MDI/ MDIX
- 2 x Up-link Gigabit SFP (Fiber Ports), Uplink ports 1.25Gbps fiber interface
- Natural cooling by using method of Fan less design
- Metal compact package design, suitable for desktop or 1-U rack mount
- Remote Web interface for Switch management
- 120 watts total power output

## Full Description

This SAE-PE890F-DGM management PoE switch prepare a field that power and data can feed from a single point, using Power over Ethernet (PoE) over a single cable. 8 PoE fast Ethernet ports and 2-gigabit SFP uplink ports prepare any 1000Mbps link and the rest of 8 ports can supply industry-standard IEEE 802.3af power for every PoE standard devices. Regards to using advanced auto-sensing algorithm the SAE-PE890F-DGM gives power only to IEEE802.3af 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 Switch SAE-PE890F-DGM can recognized automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™. Remarkably it has two gigabit fiber ports (SFPs) that helps smart CCTV network designers to improve their planning and use the switch intelligently. Additionally, network planners would control the network parameters via web management system. SAE-PE890F-DGM 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.

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## Applications

- 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
- School, campus, and… monitoring and remote control
- Wireless systems (AP) and transmission data

## Technical specification

| **Product** | **SAE-PE890F-DGM** |
|---|---|
| **Performance** | |
| Capacity in Millions of Packets per Second (64-byte packets) (Buffer Memory) | 96KB |
| Switching Capacity in Gigabits per Second (Gbps) (Bandwidth) | 8.8Gbps (non-blocking) |
| Maximum Network Delay in microseconds (us) | maximum delay less than 20 (µs) |
| MAC Size | 1k |
| MTBF | 190,000 hours |
| **Interface** | |
| Ports | 8×10/100 PoE ports (Data/Power)<br>2× uplink Gigabit SFP slot ports (Data)<br>1×console port |
| **Supported Network Protocols and Standards** | |
| ➢ IEEE 802.3i 10BASET<br>➢ IEEE 802.3u 100BASETX<br>➢ IEEE 802.3x Flow Control | |
| **Power** | |
| Output | Total: 120W |
| Input | AC100-240V 50/60Hz (every country use a custom power plug) |
| **Dimensions** | 279x210x44mm |
| **Working Environment** | Operating Temperature: 0 ° ~ 55 ° C<br>Storage Temperature: -20 ° ~ 75 ° C<br>Operating Humidity: 10% ~ 95%, non-condensing |
| **Cable length detection** | 100m |

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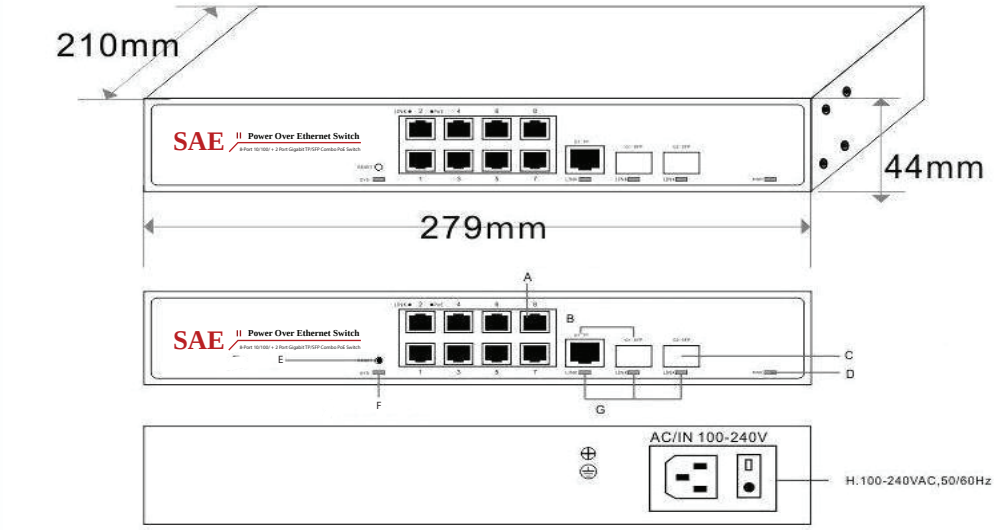
## Product Size Display




A. Ethernet RJ45 Port
B. Uplink Gigabit Optical Multiplexing Port
C. Uplink Gigabit SFP Optical Port
D. Power Indicator Light
E. Reset
F. System Indicator Light
G. Link Indicator Light
H. 100-240V AC, 50/60Hz

## Product Application Display