



## Smart Architecture of Espadana

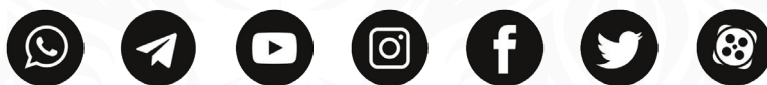
Designing, Production, Customization and Consultant Service  
in Network and Fiber Optic System



### Technical Specification

## SAE-IPE890F-DGSFP

8 PoE 10/100Mbps ports & 2Gigabit uplink SFP fiber slot ports





### Product Description

- Industrial design, 8x10/100Mbps Ethernet RJ45 ports with Auto Uplink™ and 2 gigabit uplink RJ45 and 2 gigabit SFP fiber slot ports
- Port 1-8 support PoE, Single PoE Port Power Output/ Max 15.4 watts (IEEE 802.3af), Max 30 watts (IEEE 802.3at) per port
- total power output: 120W
- RJ45 port supports Auto MDI/MDIX
- Auto Negotiation for Full duplex Mode and Half duplex Mode
- Automatic MAC address learning and aging
- Provide DIN35 rail type installation method
- Electromagnetic compatibility of up to 4 grade standard
- Superior performance, successfully used in industrial field
- Default PoE power supply type is end-span, mid-span optional
- 8 PoE ports support both IEEE802.3af and IEEE802.3at standard

### Full Description

This SAE-IPE890F-DGSFP Industrial smart PoE switch prepares a field that power and data can be fed from a single point, using Power over Ethernet (PoE) over a single cable. 8 Fast Ethernet ports prepared any 10/100Mbps, 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-IPE890F-DGSFP 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 manageable PoE SAE-IPE890F-DGSFP can recognize automatically PoE demands of devices, speed, duplex, and cable type using Auto Uplink™. SAE-IPE890F-DGIM 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

- 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
- Long distance Multi-media Schooling, Campus monitoring

Technical specification

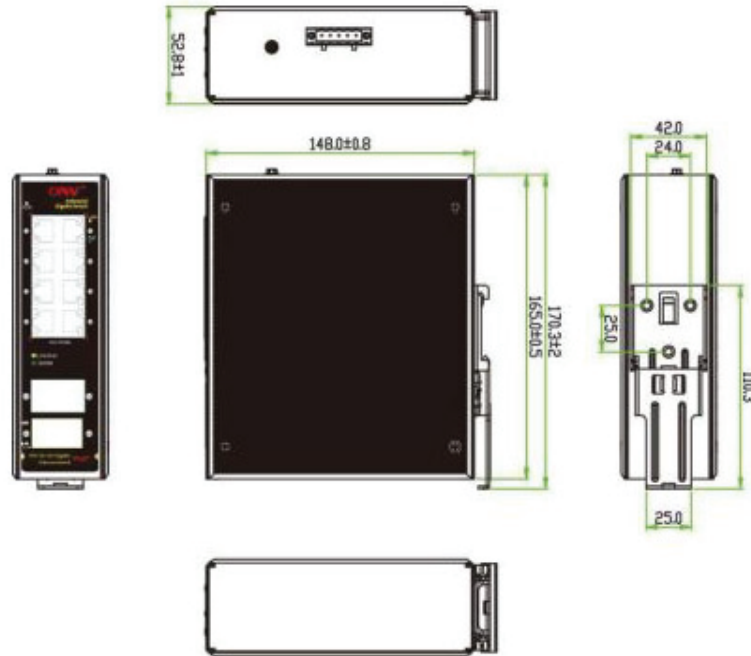
Product name	<b>SAE-IPE890F - DGSFP</b>
<b>Interface</b>	
Ports	8×10/100Base-T ports 2×10/100/1000Base-T uplink RJ45 ports 2×1000Base-X uplink SFP fiber slot ports
<b>PoE Specification</b>	
<ul style="list-style-type: none"> <li>➤ PoE Standard/ Supports both IEEE802.3af and IEEE802.3at</li> <li>➤ Single PoE Port Power Output/ Max 15.4 watts (IEEE 802.3af), Max 30 watts (IEEE 802.3at)</li> <li>➤ 8 PoE ports/ auto detect AF/AT devices</li> <li>➤ PoE Port Output/input Voltage: 120W/ DC48-57V</li> <li>➤ Power Pin Assignment/ 1/2+;3/6-</li> </ul>	
<b>Switch Processing Scheme</b>	
Store-and-Forward	
<b>Optical Interface</b>	
SFP slot	
<b>Optical Transmission Distance</b>	
550m-20km, or more, depends on optical module you used	
<b>Performance specification</b>	
Bandwidth: 24Gbps	
Packet Buffer Memory: 4M	



Packet Forwarding Rate: 14.88Mbps/port
Address Table: 8K
MTBF: 300,000 hours
<b>Standards Compliance</b>
IEEE802.3: CSMA/CD; IEEE802.3i: 10Base-T; IEEE802.3u: 100Base-T; IEEE802.3ab: 1000Base-T; IEEE802.3z: 1000Base-LX
<b>LED Indicators</b>
Power/PWR/ Link PoE/L/A
<b>Power</b>
Adapter note/ Removable industrial 3-pin terminal block (Power adapter is not included in the package, need to order it separately)
<b>Dimension</b>
165x1485x54mm
<b>Environmental Aspects</b>
Working Temperature -40°C ~ 75°C; Storage Temperature -40°C ~ 75°C; Working Humidity 5% ~ 95% (non-condensing) Storage Humidity 5% ~ 95% (non-condensing)
<b>Radiation</b>
CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
<b>Safety</b>
CE Mark, commercial CE/LVD EN60950



Product Size Display



Product Application Display

