**BCZW**

# 2-Port 10/100/1000Mbps

# Industrial Switch with 2 SFP

85℃ / −40℃

DIN Rail

6KV Lightning Protection

**IES7211-2GE2GF-DC**

EXCLUSIVE 5YEAR WARRANTY

## Key Features:

**Ports:** Provide 2*10/100/1000Mbps Ethernet ports with 2* 1000Mbps SFP

**Self-adaption:** RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX

**Industrial Installation:** Din Rail mounting installation

**Wide Application:** Designed for Railway, traffic etc some Industrial environment

**Surge protection:** Protect the device from lighting surges and others electrical hazards

**Working Temperature:** -40 to 85 degrees   operating temperature

**Considerate Design:** IP40 Industrial enclosure

**Easy to use:** Plug and play, No configuration required

## Environmentally Hardened Design

With the **IP40** metal industrial case which provides a high level of immunity against electromagnetic interference and heavy electrical surges,Being able to operate under the temperature range from **-40 to 85 degrees C**, the IES7310-2GE2GF-DC can be placed in almost any difficult environment.
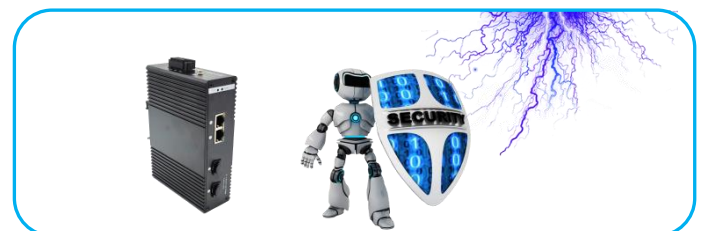
## Surge Protection Design

provides contact discharge of ±8KV DC and air discharge of ±15KV DC for Ethernet ESD protection. It also supports ±6KV surge immunity to improve product stability and protects users' networks from devastating ESD attacks, making sure the flow of operation does not fluctuate.

## Dual Power input for High Availability Network

Featureing a strong dual power input system with wide-ranging voltages (12V~54V DC) incorporated into customer's automation network to enhance system reliability and uptime which make the installation more flexible and convenient.
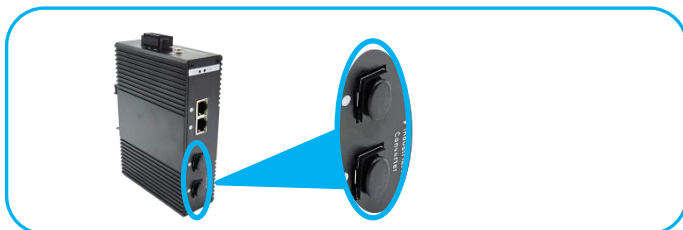
## Gigabit SFP Uplink Port

With two SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring, Beside the SFP can transmitte the date with Max 100Km distance with more economic solution
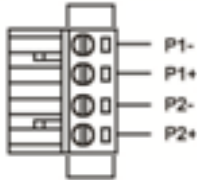
# IES7211-2GE2GF-DC

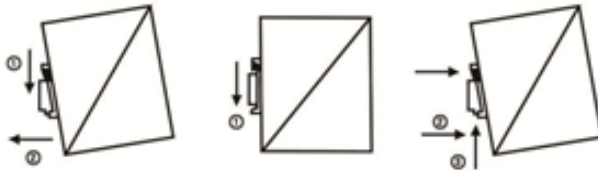## 2-Port 10/100/1000Mbps Industrial Switch with 2 1.25G SFP

## Technical Datasheet

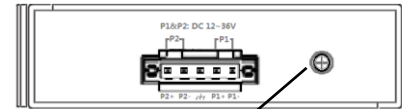| Model | IES7211-2GE2GF-DC | |
|---|---|---|
| **Hardware Specifications** | | |
| ports | 2*10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports<br>2*1.25Gbps SFP Slot | |
| Connector | Removable 4-pin terminal block<br>Pin 1/2 for Power 1; Pin 3/4 for Power 2 | |
| LED Display | Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green | |
| Power requirements | 12~54V DC | |
| Power Consumption | Less than 5 Watts | |
| Power Protection | Reverse protection; Over voltage protection,Over current protection | |
| Installation | DIN-rail kit and wall-mount kit | |
| Switch Performance | Backplane bandwidth | 10Gbps |
| | Packet forwarding rate | 5.96Mpps |
| | MAC address | 4k |
| | Flow control | Back pressure for half duple. IEEE 802.3x pause frame for full duplex |
| Enclosure | IP40 Metal case | |
| ESD Protection | 6KV ESD | |
| Dimension(W x D x H) | 38 x 95 x 135mm (1.5in x 3.74in x 4.65in ) | |
| Weight | <0.35Kg | |
| **Standards Conformance** | | |
| Network standard | IEEE 802.3 10Base-T<br>IEEE 802.3u 100Base-Tx<br>IEEE 802.3ab 1000Base-T<br>IEEE 802.3x Full-Duplex Flow Control<br>IEEE 802.3z 1000Base-X | |
| Stability Testing | FCC CFR47 Part 15, EN55022/CISPR22, Class A<br>EMS:<br>IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air)<br>IEC61000-4-3 (RS): 10V/m (80MHz-2GHz)<br>IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV<br>IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV<br>IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)<br>IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)<br>IEC 60068-2-32 (free fall)<br>IEC 60068-2-27 (shock)<br>IEC 60068-2-6 (vibration) | |
| **Environment** | | |
| Environment specification | Operating temperature: -40℃~85℃，operating humidity: 5％~95％<br>Storage temperature: -40℃~85℃，storage humidity: 5％~95％ | |
| Warranty | 5 Years | |

## Installation Models

**Power Terminal**

**Earth Protection**

- 4-pin 3.81mm-spacing plug-in terminal
- 12V-54VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

P1-
P1+
P2-
P2+

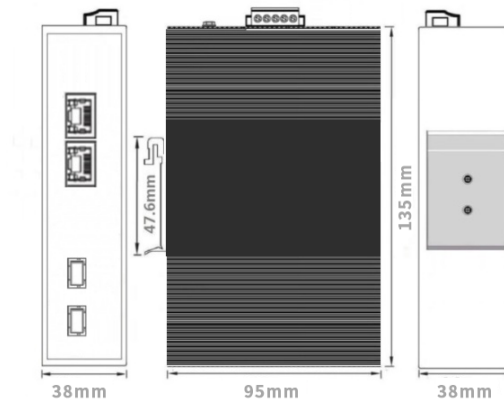P1&P2: DC 12~36V

Ground screw

**Din-Rail**

## Mechanical Drawing

47.6mm
135mm
38mm
95mm
38mm

## Applications

Oil&GAS Plant
Harbor
ITS
CCTV Surveillance System
Airports
Factory Automation
PC
PC
PC

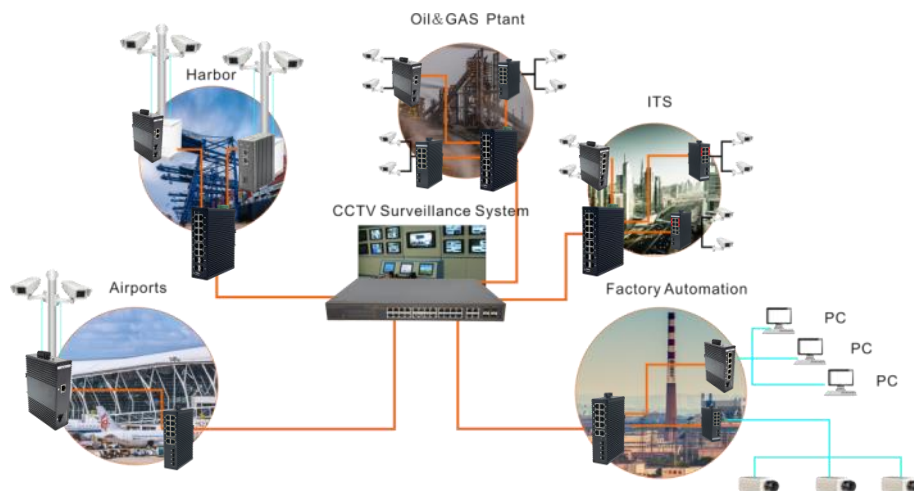| Ordering   Information | |
|---|---|
| IES7211-2G2GF-DC | 2 Ports 10/100/1000Mbps Industrial Fiber converter With 2 SFP slot |