Cablexa
RELIABLE CONNECTIVITY

# 1-Port 10/100/1000Mbps Industrial Switch with 1 SFP




EXCLUSIVE 2YEAR WARRANTY

IES7211-1G1GF-CA

## Key Features:

**Ports:** Provide 1*10/100/1000Mbps Ethernet ports with 1 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 IES7211-1G1GF can be placed in almost any difficult environment.



## Dual Power input for High Availability Network

Featureing a strong dual power input system with wide-ranging voltages (12V~36V DC or 24V AC) incorporated into customer's automation network to enhance system reliability and uptime which make the installation more flexible and convenient.

## 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.


## 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

# IES7211-1G1GF-CA

## 1-Port 10/100/1000Mbps Industrial Switch with 1 SFP

## Technical Datasheet

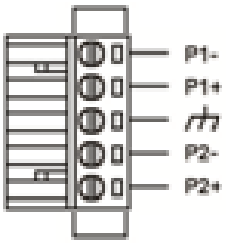
| Model | IES7211-1G1GF-CA | |
|---|---|---|
| Hardware Specifications | | |
| ports | 1 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports<br>1 1000Mbps SFP Slot | |
| Connector | Removable 4-pin terminal block<br>Pin 1/2 for Power 1; Pin 3/4 for Power 2 | |
| LED Display | Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green | |
| Power requirements | 12~36V DC | |
| Power Consumption | Less than 2Watts | |
| Power Connector | Removable 4-pin terminal block,Pin 1/2 for Power 1; Pin 3/4 for Power 2 | |
| Installation | DIN-rail kit and wall-mount kit | |
| Switch Performance | Backplane bandwidth | 10Gbps |
| | Packet forwarding rate | 2.98Mpps |
| | 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) | 39 x 86 x 118mm (1.54in x 3.39in 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 | 2 Years | |

# IES7211-1G1GF-CA

## 1-Port 10/100/1000Mbps Industrial Switch with 1 SFP

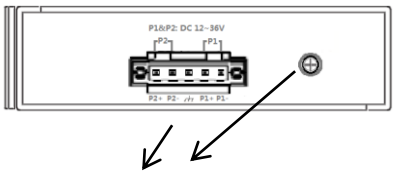
## Installation Models

**Power Terminal**

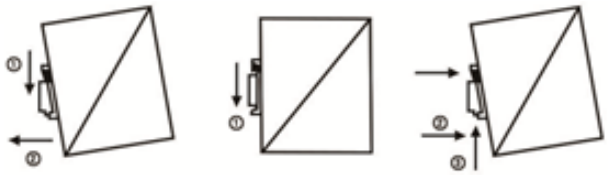



- 5-pin 3.81mm-spacing plug-in terminal
- 12V-36VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

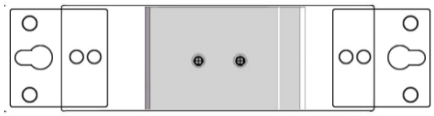
**Earth Protection**



Ground terminal or screw

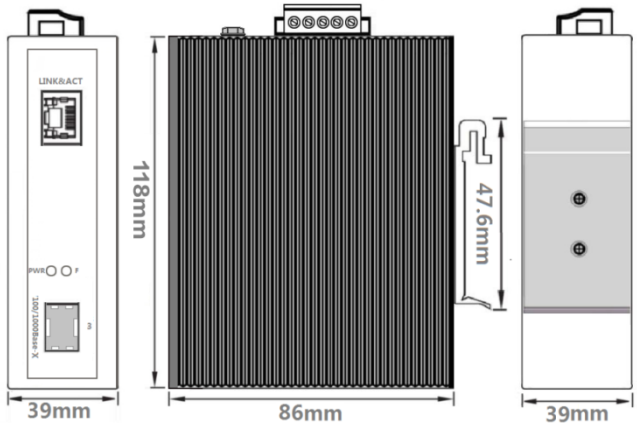


**Din-Rail**

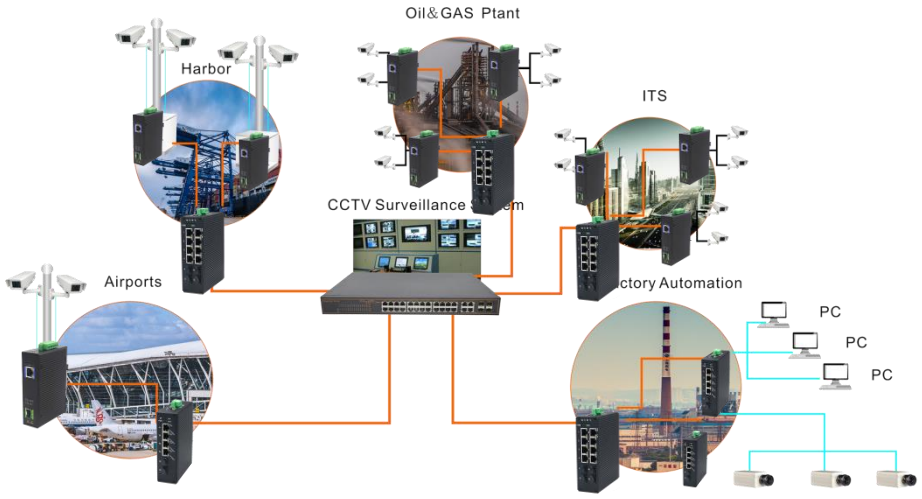


**Wall mounting**

## Mechanical Drawing




## Applications




| Ordering Information | |
|---|---|
| IES7211-1G1GF-CA | 1 Ports 10/100/1000Mbps Industrial Ethernet Fiber converter With 1 SFP slot |