BCZW

4-Port 10/100/1000Mbps Industrial Switch with 1 SC

85℃ / −40℃

DIN Rail

6KV Lightning Protection

EXCLUSIVE 5YEAR WARRANTY

IES7211-4G1GFX-DC

Key Features:

Ports: Provide 4*10/100/1000Mbps Ethernet ports with 1 1000Mbps SC
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
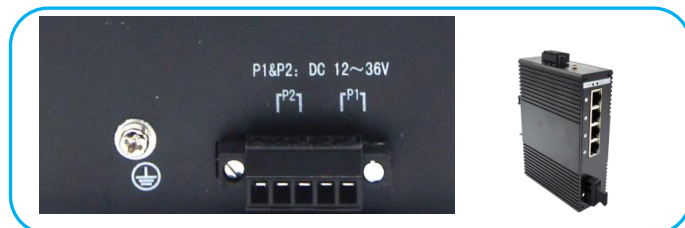**Working Temperature:** -40 to 85 degrees   operating temperature
Considerate Design: IP40 Industrial enclosure
Easy to use: Plug and play, No configuration required

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 IES7211-4G1GFX-DC 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) 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.

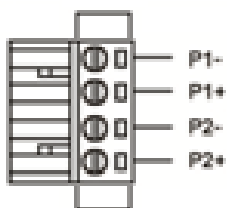## Technical Datasheet

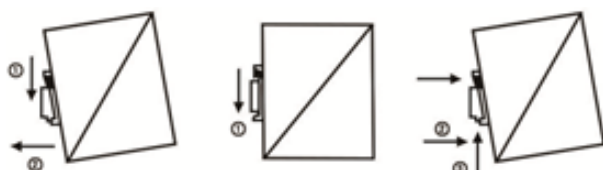| Model	IES7211-4G1GFx-DC
Hardware Specifications	
ports	4* 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 1* 1000Mbps SC
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for Power 2
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow) Fiber: Green
Power requirements	12~36V DC
Installation	DIN-rail kit and wall-mount kit
Switch Performance	Backplane bandwidth 10Gbps Packet forwarding rate 7.44Mpps 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 IEEE 802.3u 100Base-Tx IEEE 802.3ab 1000Base-T IEEE 802.3x Full-Duplex Flow Control IEEE 802.3z 1000Base-X
Stability Testing	FCC CFR47 Part 15, EN55022/CISPR22, Class A EMS: IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s) IEC 60068-2-32 (free fall) IEC 60068-2-27 (shock) IEC 60068-2-6 (vibration)
Environment	
Environment specification	Operating temperature: -40℃~85℃，operating humidity: 5％~95％ Storage temperature: -40℃~85℃，storage humidity: 5％~95％
Warranty	5 Years

IES7211-24G1GFX-DC

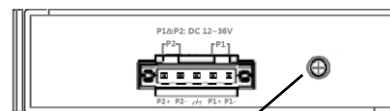## 4-Port 10/100/1000Mbps Industrial Switch with 1 SC

Installation Models

Power Terminal

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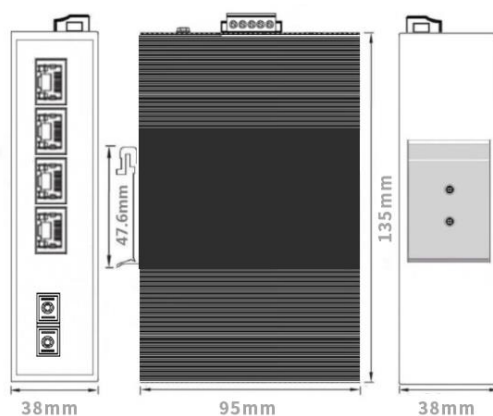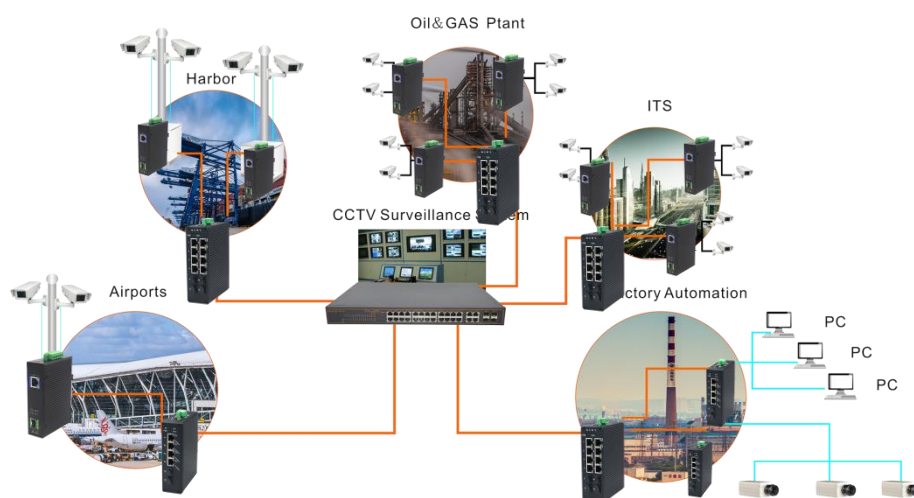- ◆ P1&P2 dual power input
- ◆ Reverse protection

P1-
P1+
P2-
P2+

Earth Protection

P1&P2: DC 12~36V

P2   P1

P2+ P2- ⏚ P1- P1

Ground screw

Din-Rail

Mechanical Drawing

47.6mm

135mm

38mm   95mm   38mm

Applications

Oil&GAS Ptant

Harbor

ITS

CCTV Surveillance System

Airports

Factory Automation

PC

PC

PC

Ordering Information	
IES7211-4G1GFX-DC	4 Ports 10/100/1000Mbps Industrial Ethernet Fiber converter With 1 SC