BCZW

8-Port 10/100/1000Mbps High Power Industrial PoE Switch with 2 SFP Uplink

85℃ / −40℃

DIN Rail

6KV Lightning Protection

EXCLUSIVE 5YEAR WARRANTY

IES7211-8PGE2GF-4BT

Key Features:

Ports: Provide 8*10/100/1000Mbps High Power PoE ports with 2 1000Mbps SFP

PoE Standard: IEEE802.3af/at/bt Power over Ethernet (PoE) Compliant

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 IES7211-8PGE2GF-4BT can be placed in almost any difficult environment.

Dual Power input for High Availability Network

Featuring a strong dual power input system with wide-ranging voltages (12V~56V 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

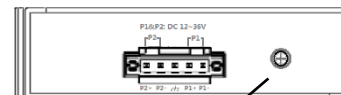| Model	IES7211-8PGE2GF-4BT	
Hardware Specifications		
ports	8* 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 2* 1000Mbps SFP Slot	
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for Power 2	
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green	
Power requirements	12~56V DC	
Installation	DIN-rail kit and wall-mount kit	
Switch Performance	Backplane bandwidth	20Gbps
	Packet forwarding rate	16.86Mpps
	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)	48 x 110 x 150mm (1.89in x 4.33in x5.91in)	
Weight	<0.8Kg	
Power over Ethernet (PoE) Specifications		
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3bt Power over Ethernet IEEE802.3az EEE	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE IEEE 802.3bt Power over Ethernet Plus+/PSE	
PoE Supply Type	12/45(+), 36/78(-) End-span	
PoE Power Output	Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at) Per Port 54V DC, 1650mA. max. 90 watts (IEEE 802.3bt) (1—4Port)	
Environment		
Environment specification	Operating temperature: -30℃~65℃，operating humidity: 5％~95％ Storage temperature: -40℃~75℃，storage humidity: 5％~95％	
Warranty	5 Years	

Installation Models
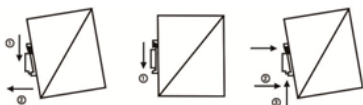
Power Terminal

- P1-
- P1+
- P2-
- P2+
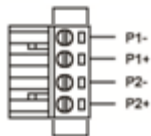
- ◆ 4-pin 3.81mm-spacing plug-in terminal
- ◆ 12V-56VDC wide voltage input
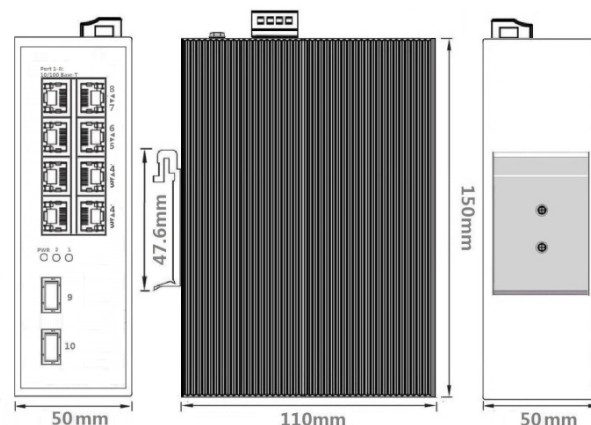- ◆ P1&P2 dual power input
- ◆ Reverse protection

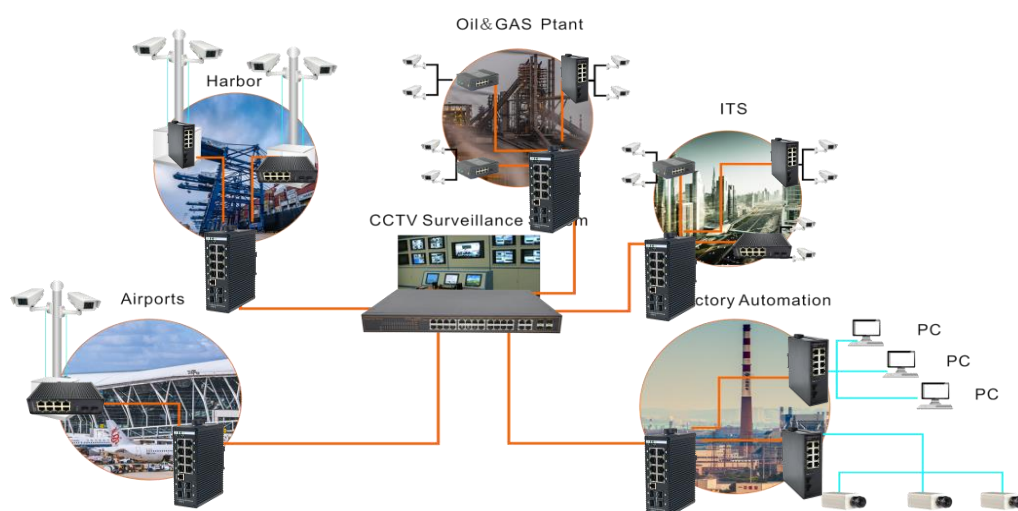### Earth Protection

Ground terminal or screw

Din-Rail

Mechanical Drawing

47.6mm   150mm

50mm   110mm   50mm

Applications

Oil&GAS Ptant

Harbor

ITS

CCTV Surveillance System

Airports

Factory Automation

PC
PC
PC

Ordering Information	
IES7211-8PGE2GF-4BT	8 Ports 10/100/1000Mbps High Power Industrial unmanaged PoE Switch With 2 SFP,1-4Ports support 90W.Din Rail.IEEE802.3af/at/bt