8-Port 10/100Mbps Industrial PoE Switch with 1 Gigabit RJ45 and 1 SFP

BCZW

EXCLUSIVE 5 YEAR WARRANTY

85℃ / −40℃

DIN Rail

6KV Lightning Protection

IES7211-8PFE1GE1GF-DC

Key Features:

Ports: Provide 8*10/100Mbps PoE ports with 1 gigabit RJ45 and 1 SFP

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

Self-adaption: RJ45 port supports 10/100Mbps 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 IES7211-8PFE1GE1GF can be placed in almost any difficult environment.
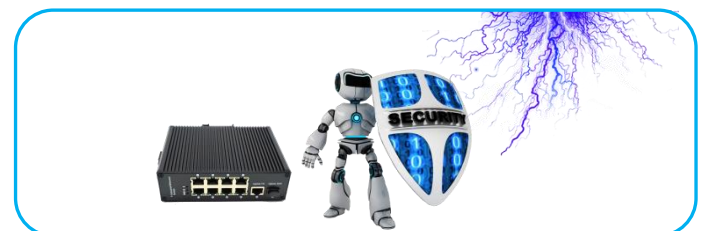
Dual Power input for High Availability Network

Featureing a strong dual power input system with wide-ranging voltages (12V~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.

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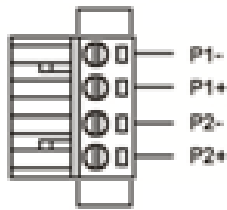
Technical Datasheet

Model	IES7211-8PFE1GE1GF-DC		
Hardware Specifications			
ports	8 10/100BASE-T RJ45 auto-MDI/MDI-X ports 1 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 1 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	12~54V DC		
Power Consumption	Less than 5Watts		
Switch Performance	Backplane bandwidth		7.5Gbps
	Packet forwarding rate		4.2Mpps
	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)	48mm x 110mm x 150mm		
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 IEEE802.3az EEE		
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE		
PoE Supply Type	1/2(+), 3/6(-) 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)		
PoE Power budget	120W Optional		
Environment			
Environment specification	Operating temperature: -40℃~85℃，operating humidity: 5％~95％ Storage temperature: -40℃~85℃，storage humidity: 5％~95％		
Warranty	5 Years		

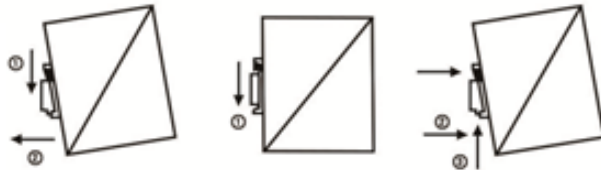# IES7211-8PFE1GE1GF-DC

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Installation Models

Power Terminal

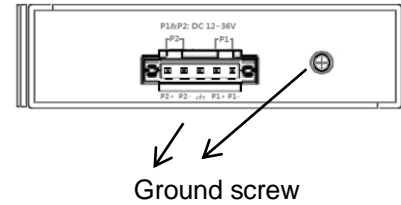- 4-pin 3.81mm-spacing plug-in terminal
- 12V-54VDC wide voltage input
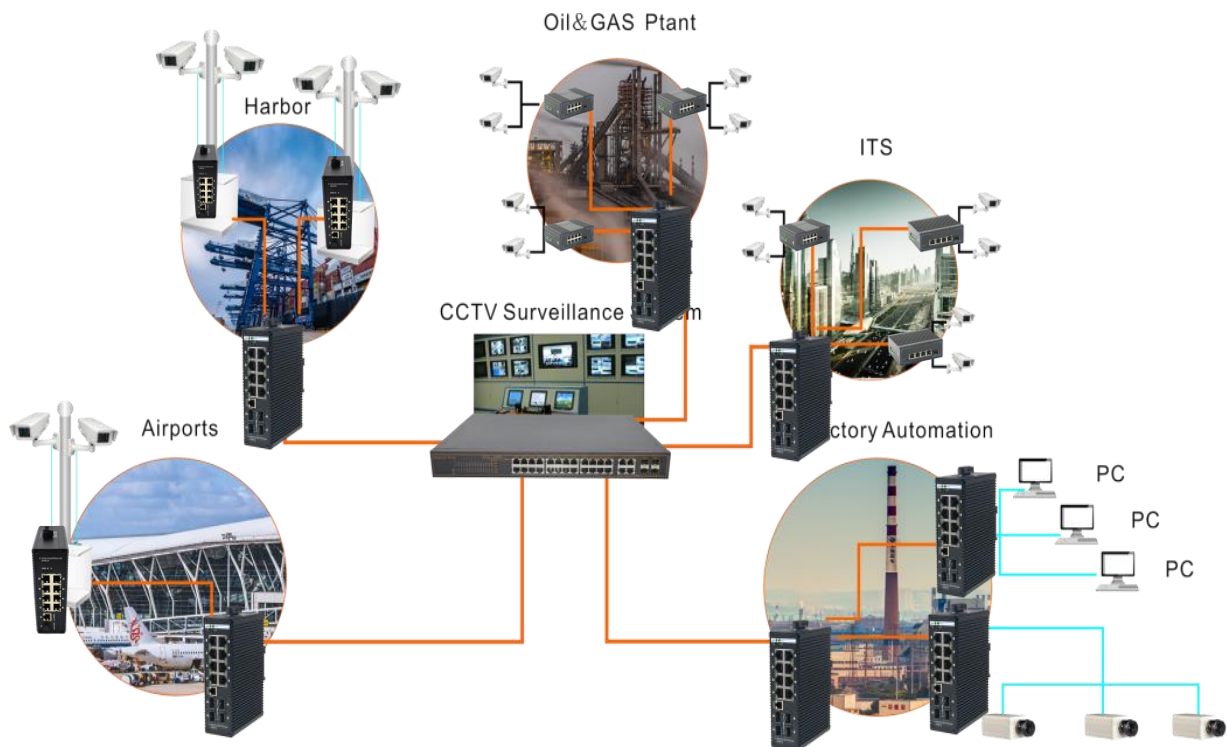- P1&P2 dual power input
- Reverse protection

P1-
P1+
P2-
P2+

Earth Protection

P1&P2: DC 12~36V
P2   P1
P2- P2- P1- P1

Ground screw

Din-Rail

Applications

Ordering Information

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