1-Port 10/100/1000Mbps Industrial PoE Switch with 2 SFP



85℃ −40℃ | DIN Rail | 6KV Lightning Protection

Key Features:

Ports: Provide 1*10/100/1000Mbps PoE ports with 2* 1000Mbps SFP
PoE Standard: IEEE802.3af/at 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 IES7310-1PGE2GF-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 (48V~54V 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.





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.

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Technical Datasheet

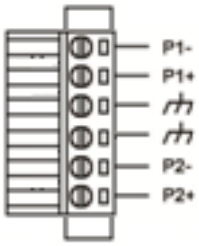
Model	IES7310-1PGE2GF-DC	
Hardware Specifications		
ports	1* 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 2* 1000Mbps SFP Slot	
Connector	Removable 6-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for PG, Pin 5/6 for Power 2	
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green	
Power requirements	48~54V DC	
Power Consumption	Less than 3 Watts	
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	4.47Mpps
	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)	30 x 90 x 130mm (1.18in x 3.54in x 5.12in)	
Weight	< 0.55Kg	
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	45/65W Optional	
Environment		
Environment specification	Operating temperature: -40℃~85℃，operating humidity: 5%~95% Storage temperature: -40℃~85℃，storage humidity: 5%~95%	
Warranty	5 Years	

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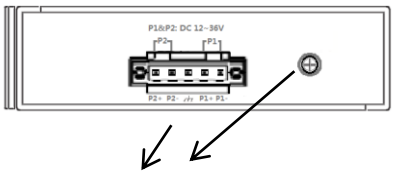
Installation Models

Power Terminal

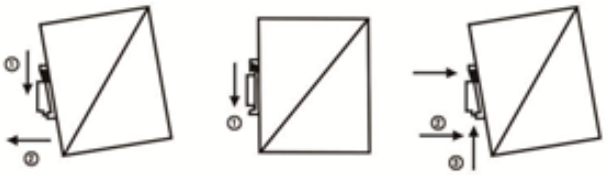


- 6-pin 3.81mm-spacing plug-in terminal
- 48V-54VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

Earth Protection

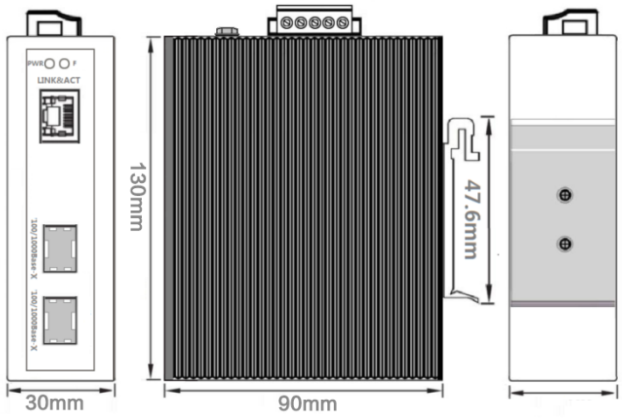


Ground terminal or screw

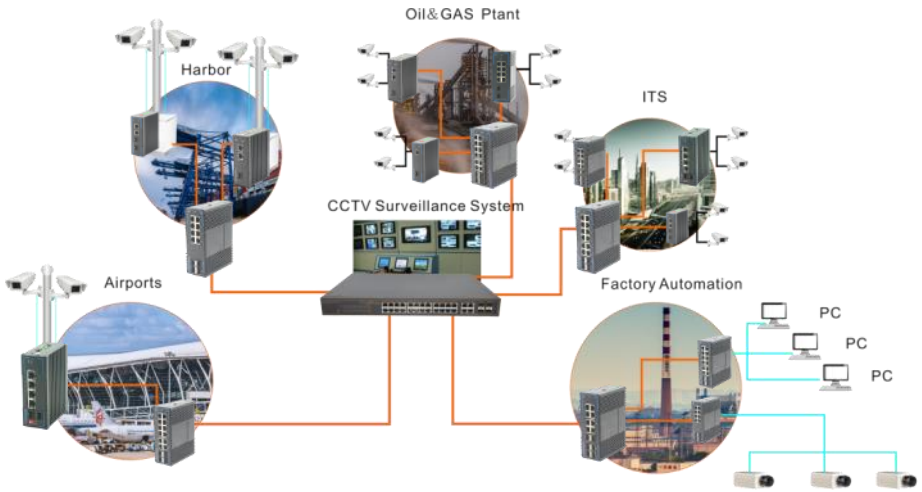


Din-Rail

Mechanical Drawing



Applications



Ordering Information	
IES7310-1PGE2GF-DC	1 Ports 10/100/1000Mbps Industrial PoE Swtich With 2 SFP

3F,Block A3,Silicon Vally Industrial Park,Sili Rd,Guanlan,LongHua district, Shenzhen China,

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