Cablexa
RELIABLE CONNECTIVITY

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

85℃ / −40℃

DIN Rail

6KV Lightning Protection

EXCLUSIVE 5 YEAR WARRANTY

IES7210-8GE2GF-CA

Key Features:

Ports: Provide 8*10/100/1000Mbps Ethernet ports with 2 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: IP industrial Enclosure with Dual Power input
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 **IES7210-8GE2GF-CA** can be placed in almost any difficult environment.

P1&P2: DC 12~36V

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.

Working Temperature
−40℃ 85℃
Wide temperature design
work well in different harsh environment

Dual Power input for High Availability Network

Featuring 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.

SECURITY

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

IES7210-8GE2GF-CA
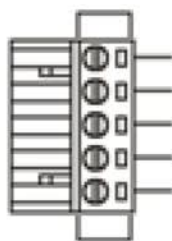
8-Port 10/100/1000Mbps Industrial Switch with 2 SFP

Technical Datasheet

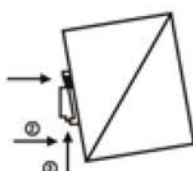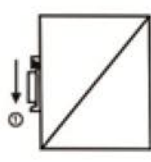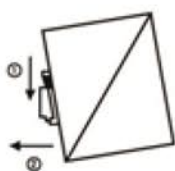| Model	IES7210-8GE2GF-CA	
Hardware Specifications		
ports	8 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 2 1000Mbps SFP Slot	
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for Power 2	
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green	
Power requirements	12~36V DC	
Power Consumption	Less than 4Watts	
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	24Gbps
	Packet forwarding rate	14.88Mpps
	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)	44.5 x 100 x 166mm (1.75in x 3.94in x 6.54)	
Weight	0.8Kg	
Standards Conformance		
Network standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-Tx IEEE 802.3ab 1000Base-T 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	

IES7210-8GE2GF-CA

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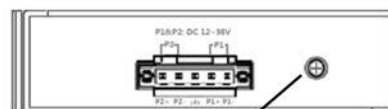
Installation Models

- P1-
- P1+
- ⏚
- P2-
- P2+

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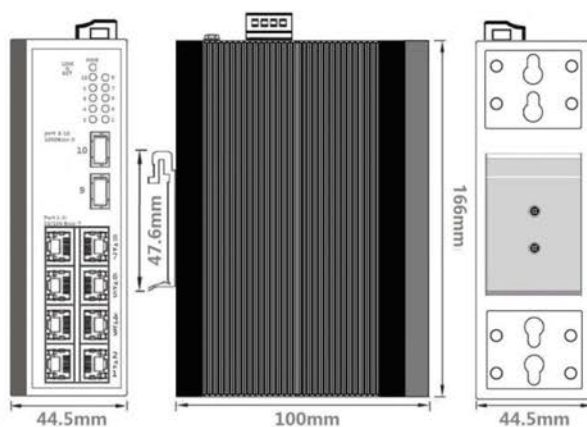- ◆ P1&P2 dual power input
- ◆ Reverse protection

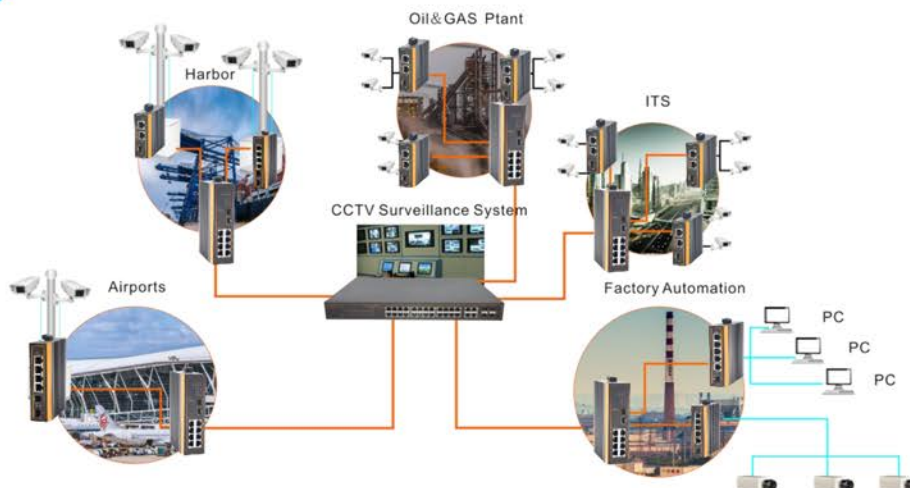**Earth Protection**

P1&P2: DC 12-36V

Ground terminal or screw

Din-Rail

Wall mounting

Mechanical Drawing

47.6mm

166mm

44.5mm   100mm   44.5mm

Applications

Oil&GAS Plant

Harbor

ITS

CCTV Surveillance System

Airports

Factory Automation

PC

PC

PC

Ordering Information	
IES7210-8GE2GF-CA	8 Ports 10/100/1000Mbps Industrial Ethernet switch With 2 SFP