BORN
elegant creation

BI8204G2F
4Port Gigabit Industrial Switch

Key Features:

Ports: Provide 4*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: 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 BI8204G2F can be placed in almost any difficult environment.

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.

Dual Power input for High Availability Network

Featureing a strong dual power input system with wide-ranging voltages (12V~54V DC) incorporated into customer's automation network to enhance system reliability and uptime which make the installation more flexible and convenient.

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.

BI8204G2F
4Port Gigabit Industrial Switch

Technical Datasheet

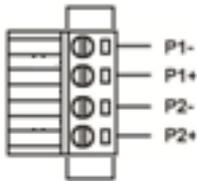| Model	B8204G2F	
Hardware Specifications		
ports	4* 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 2* 1000Mbps SFP Slot	
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for Power 2	
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green	
Power requirements	12~54V DC	
Power Consumption	Less than 3 Watts	
Switch Performance	Backplane bandwidth	20Gbps
	Packet forwarding rate	8.93Mpps
	MAC address	8k
	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	0.6Kg	
Standard Specifications		
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Flow Control IEEE802.3az EEE	

BI8204G2F
4Port Gigabit Industrial Switch

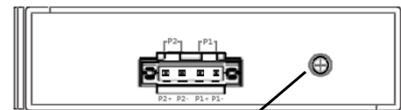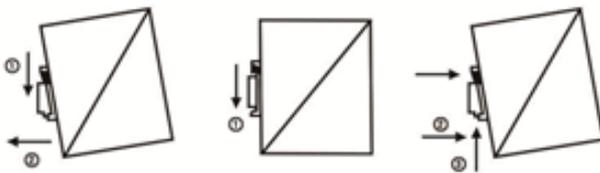| Power Input	12V/1A
Environment	
Environment specification	Operating temperature: -40℃~85℃，operating humidity: 5％~95％ Storage temperature: -40℃~85℃，storage humidity: 5％~95％
Warranty	5 Years

Installation Models

Power Terminal

- P1-
- P1+
- P2-
- P2+

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

Earth Protection

Ground screw

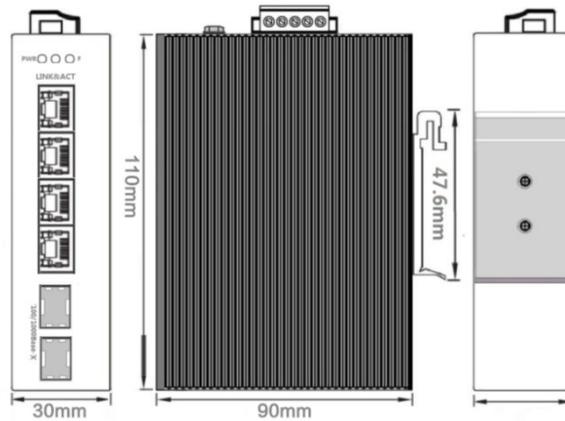**Din-Rail**

BI8204G2F
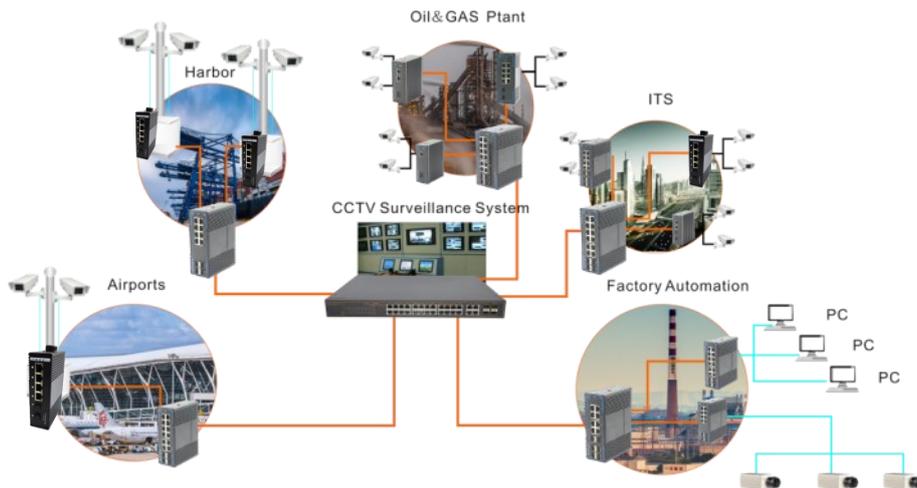# 4Port Gigabit Industrial Switch

Mechanical Drawing

Applications

Ordering Information	
BI8204G2F	4 Ports 10/100/1000Mbps Industrial Unmanaged Ethernet Switch With 2G SFP,Din rail