

BIS6204PG1F(60W) - 4 PORT INDUSTRIAL SOLAR GIGABIT PoE SWITCH

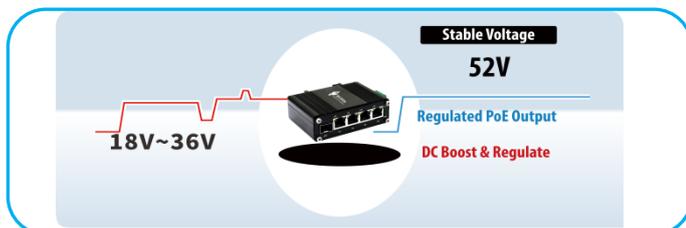


Key Features:

- Ports:** Provide 4*10/100/1000Mbps PoE ports with 1* 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
- Power Voltage:** 12-52V Power input
- Surge protection:** Protect the device from lightning 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 BIS8204PG2F(60W) can be placed in almost any difficult environment.

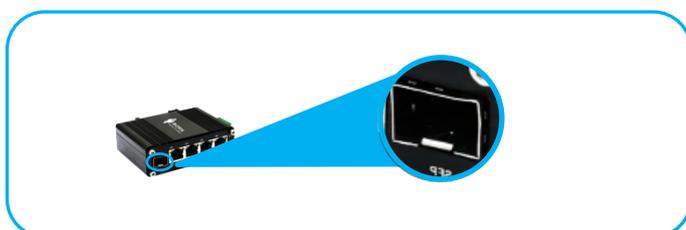


Dual Power with 12V input for Solar Power

Featuring a strong dual power input system with wide-ranging voltages (12V~52VDC) 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 $\pm 8\text{KV}$ DC and air discharge of $\pm 15\text{KV}$ DC for Ethernet ESD protection. It also supports $\pm 6\text{KV}$ 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 One 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	BIS6204PG1F(60W)		
Hardware Specifications			
ports	5* 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	12~56V DC		
Power Consumption	Less than 5 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)	28 x 70 x 110mm (1.1in x 2.76in x 4.33in)		
Weight	0.35Kg		
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			

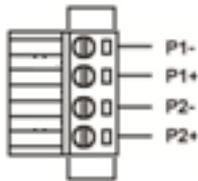
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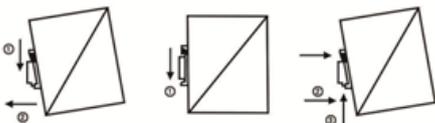
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE
PoE Supply Type	1/2(+), 3/6(-) End-span
PoE Power Output	Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)
Environment	
Environment specification	Operating temperature: -40°C~85°C, operating humidity: 5%~95% Storage temperature: -40°C~85°C, storage humidity: 5%~95%
Warranty	5 Years

Installation Models

Power Terminal

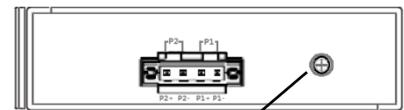


- ◆ 4-pin 3.81mm-spacing plug-in terminal
- ◆ 12V-52VDC wide voltage input
- ◆ P1&P2 dual power input
- ◆ Reverse protection



Din-Rail

Earth Protection

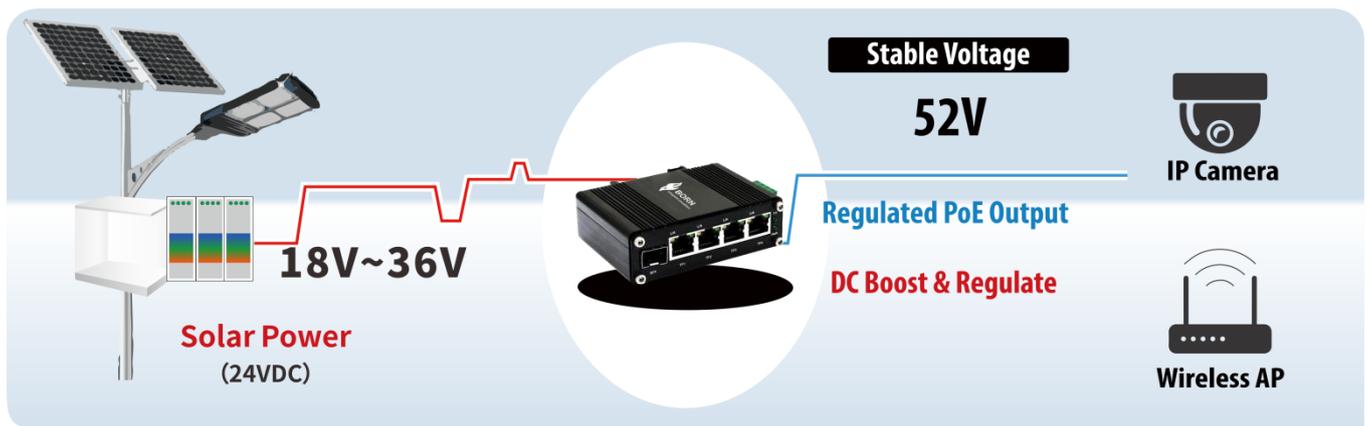
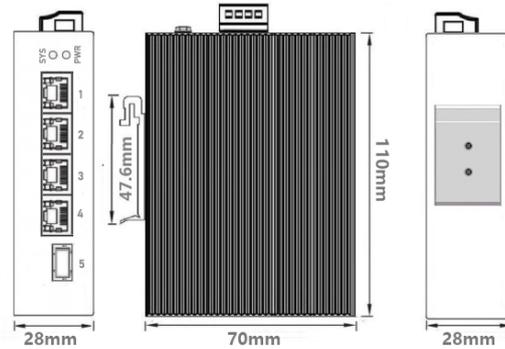


Ground screw

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Mechanical Drawing



Ordering Information

BIS6204PG1F(60W)	4 Ports 10/100/1000Mbps Industrial Unmanaged PoE Switch With 1 SFP.12-52V Input.PoE Out IEEE802.3at, Din rail
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