

BSD-IPGS-0008 Series

8-port Unmanaged Industrial PoE Switch, with 8-port 10/100/1000Base-T(x) PoE

Features



- nSupport 8 10/100/1000Base-T(x) PoE ports.
- nSupport IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at.
- nSupport IEEE802.3af, maximum 15.4W power supply.
- nSupport IEEE802.3at, maximum 30W power supply.
- nIndustrial lightning chip design, up to 8KV effective against lightning, avoiding electrostatic induction.
- nDC48V power input, reverse connection protection.
- nIndustrial grade design, -40-85°C work temperature.
- nIP40 protection grade, DIN rail mounted.

Introduction

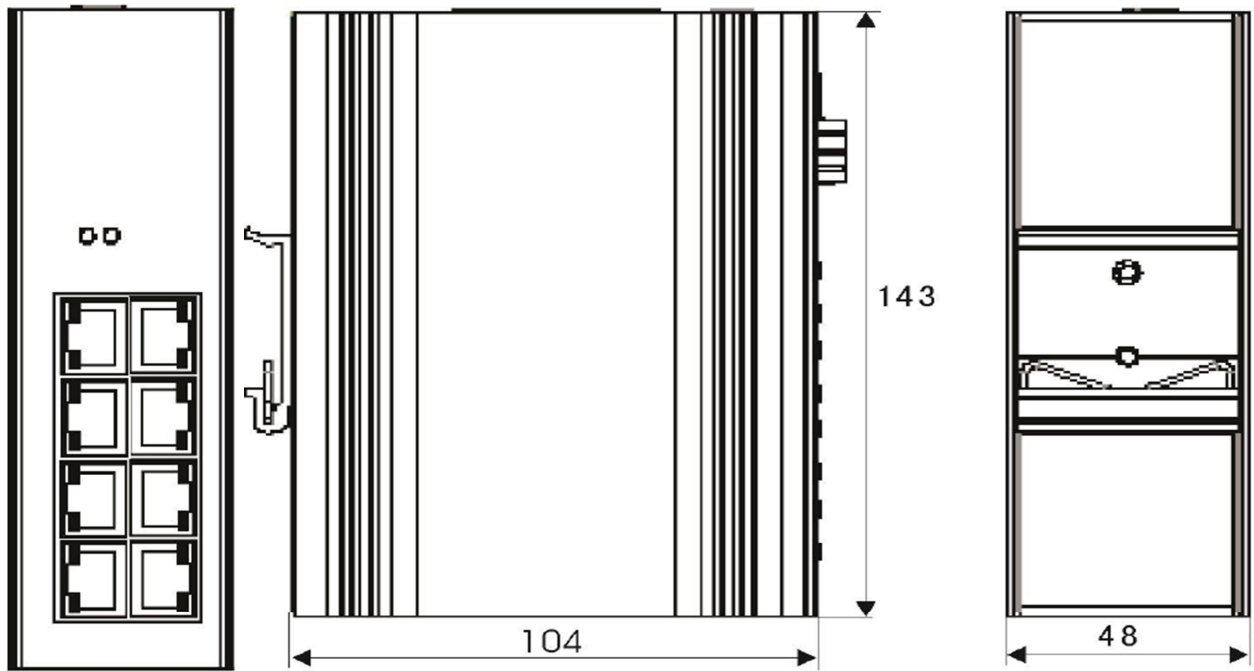
BSD-IPGS-0008 is an industrial unmanaged Gigabit PoE switch. The switch provides 8 ports 10/100/1000M Ethernet, which supports PoE function (IEEE802.3af/at). The switches are classified as power source equipment (PSE), and when used in this way, the switches enable centralization of the power supply, providing up to 30 watts of power per port and reducing the effort needed for installing power. The switches can be used to power IEEE802.3af/at standard devices (PD), eliminating the need for additional wiring.

It support CE, FCC, RoHS standard, adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input (48VDC). The switch support IEEE802.3/ IEEE802.3u/ IEEE802.3x with 10/100/1000M, full/half-duplex, and MDI/MDI-X auto-sensing, the -40~85°C working temperature, can meet all kinds of Industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

Specification

Protocol Standard	Standard: Support IEEE802.3, IEEE802.3u, IEEE802.3x		
	Flow control: IEEE802.3x flow control, back press flow control		
	PoE Standard: IEEE802.3af/at		
Performance	Forwarding Rate: 14.88Mpps		
	Transmission Mode: Store and Forward		
	Cache Size: 2M		
	System Exchange Bandwidth: 20Gbps		
	MAC: 16K		
Delay Time: < 5μs			
Ethernet Port	10Base-T/100Base-TX/1000Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect		
PoE	Pin-out: 1/2(+), 3/6(-), IEEE802.3af max 15.4w, IEEE802.3at max 30w.		
Indicator	Power Indicator	P1, P2	
	Port Indicator	LINK / ACT	
Power Supply	Input Voltage	DC48V (DC10-58V)	
	Connector	6 bit 5.08mm Removable terminal block	
	No-load Consumption	<5W	
	Protection Mechanism	Overload Protection / Reverse Connection Protection / Redundancy Protection	
Mechanical	Casing: Aluminum-alloy Case		
	IP Grade: IP40 protection		
	Dimension: 143*104*48mm(L*W*H)		
	Weight: 700g		
	Installation: DIN-rail mounting, wall mounting		
Environmental	Operating Temperature: -40 to 85°C		
	Operating Temperature: -40 to 85°C		
	Ambient Relative Humidity: 5% to 95% (non-condensing)		
Certification	CE, FCC, RoHS		
Industry Standards	Safety	UL508	
	EMI	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)	
	Machinery	IEC60068-2-6 (Vibration)	
		IEC60068-2-27 (Shock)	
IEC60068-2-32 (Free Fall)			
Warranty	5-years		

Dimension



Order Information

Model No.	Description of Goods
BSD-IPGS-0008	8*10/100/1000M PoE Port, DIN-Rail, DC48V