



BSD 8 Port Gigabit PoE Switch + 2 Gigabit Data Ports

With 150W Internal Power

BSD-1010PGE



Overview:

The BSD-1010PGE, an unmanaged gigabit PoE Switch, provides 8 x 10/100/1000Mbps PoE ports and 2 x 1000Mbps Rj45 Uplink port, it integrates smart-power-chip to accurately calculate PoE power consumption, with digital tube display, the total PoE power output clear at a glance, when the total power output of all PoE port exceeds the max PoE power budget, the PoE Port Priority disconnected the low-priority port power supply, ensure powering the critical PD equipment, to prolong the service life of the switches.

Plug & play without configuration make switches installation quite easy, with DIP Switch mode, it can support standard, Vlan and Extend mode, which make this PoE switch a flexible choice for IP cameras, wireless AP, VoIP end users.

High-lights:

- Ø 8 x 10/100/1000BASE-T PoE ports with 2 Gigabit Rj45 Uplink
- Ø 150W PoE Power Budget
- Ø Automatic detect the stuck IP Cameras and Reboot IPC (other PDs)
- Ø Support short-circuit protection and Over-current protection
- Ø PoE Port Priority to protect switches in over-loading status
- Ø Support switch mode in Normal, Vlan and Video Extend:
Vlan mode, Isolate each poe port 1-8, effectively improve network performance



Video Extend mode, data & power distance up to Max 250m

Hardware Specifications:

Model No.	BSD-1010PGE	
Ports description	PoE port	1-8 port: 10/100/1000Mbps PoE
	Uplink port	9-10 port: 1000Mbps RJ45
PoE power output	Power Budget	150W
	Max PoE port Output	30W
Performance specification	Backplane Bandwidth	20Gbps
	Packet forwarding rate	14.88Mpps
	MAC address	8k
	Jumbo Frame	9216 Bytes
Processing types	Store and forward	
Power Supply	AC 100~240V, 50/60Hz	
LED indicators	PWR/ Link/Act Power (power indicator), Link/Act (link/activity indicator)	
Transmission mode	IEEE802.3x Full-duplex and Backpressure half-duplex	
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000 BASE-T IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet	
Dimensions	270mm(L) * 181mm(W) * 44mm(H)	
Cable Requirement	UTP cat 5 or above	
Environment specification	Operating temperature: -10°C~45°C, Operating humidity: 10%~90%	
	Storage temperature: -20°C~70°C, Storage humidity: 5%~95%	