



10-Port Gigabit PoE Switch with 2 SFP Slots Uplink

BSD-1002PGE



Overview:

The BSD-1002PGE, an unmanaged digital display PoE Switch, provides 8 x 10/100/1000Mbps PoE ports with 2 Gigabit SFP Slots, with digital tube display, the PoE power consumption clear at a glance, as it integrates smart-power-chip, to accurately calculate the PoE output power, when the total power output of all PoE port exceeds the max PoE power budget, the PoE Port Priority mechanism disconnected the low-priority port power supply, ensure powering the critical PD equipment, to prolong the service life of the switches.

11 inch size Metal shell supports rack-mountable installation, Plug & play design make the installation quite easy, support DIP Switch mode with Vlan, PoE Extender features, which make this PoE switch a flexible choice for IP cameras, wireless AP, VoIP end users.

High-lights:

- Ø 8 Gigabit PoE ports with 2 Gigabit SFP Slots Uplink
- Ø 150W PoE Power Budget
- Ø Integrate smart-power-chip to accurately calculate output power
- Ø Digital Tube Display, PoE power consumption clear at a glance
- Ø Automatic defect 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 DIP mode in Switch, Normal, Vlan and Video Extend:
 - Switch mode, It can be used as normal Switch features.
 - 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-1002PGE	
Ports description	PoE port	1-8 port: 10/100/1000Mbps PoE
	Uplink port	9-10 port: Gigabit SFP
PoE power output	Power Budget	150W optional
	Max PoE port Output	30W
Performance specification	Backplane Bandwidth	20Gbps
	Packet forwarding rate	14.88Mpps
	MAC address	8k
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 IEEE802.3z 1000 BASE-T Fiber IEEE802.3x Flow Control IEEE802.3az EEE IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet	
Dimensions	285mm(L) * 180mm(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%	