

8 10/100/1000TX PoE Port Desktop/Rackmount Unmanaged Switch

Overview

The BSD-1008PGE is an 8-Port Gigabit Desktop/Rack mountable Switch with all 8 ports supporting the PoE+ standard. It provides a simple way to expand a wired network by transferring power and data over a single Ethernet Cable. With a total power budget of 120W, up to max 30W per port, BSD-1008PGE can power more high-powered devices such as wireless Access Points (APs), IP Cameras or IP Phones. All 8 ports of BSD-1008PGE support Power over Ethernet Plus (PoE+) standard which can automatically detect and supply power to any IEEE 802.3af/at compliant device(s). In this situation, the electrical power is transmitted along with data in a single cable, allowing you to expand your network where there are no electrical cables or outlets.

BSD-1008PGE is a plug-and-play switch, easy to install and use. It requires no configuration or installation. With its Desktop/Rack mountable design, outstanding performance and quality, this gigabit Desktop/Rack mountable Switch with 8-Port PoE is a great choice for expanding your home or office network.



Key Features

- 8 10/100/1000Mbps Auto-Negotiation RJ45 ports with 8 POE port
- Works with IEEE802.3af/at compliant devices, expanding home and networks
- Bandwidth 16Gbps
- Max power for single port is 30W (within total power)
- Supports automatically detect function to protect the system when the system power is overloaded or there is non-POE device
- LED indicators for monitoring power, link, activity and speed
- Plug and play design, no configuration needed.
- 150W built-in power

Ordering Information

BSD-1008PGE	8 10/100/1000TX PoE Desktop/Rackmount Switch max 120W Power Budget
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Specifications

Standards	IEEE802.3, 802.3u, 802.3af/at, 802.3x CSMA/CD, TCP/IP
Interface	8 10/100/1000Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e, 6 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
PoE Ports (RJ45)	Standard: 802.3af/at compliant PoE Ports: 8 Ports Power Supply: 150W, 120W switch power budget
Backbound Bandwidth	16Gbps
Mac Address Table	8K
LED Indicator	Power, Link-Act (10/100/1000Mbps)
Dimensions (W x D x H)	11.2*7.1*1.7 in. (280*180*44 mm)
Power Supply	100-240VAC, 50/60Hz
Advanced Features	Compatible With IEEE 802.3af/at Compliant PDs Mac Address Auto-Learning And Auto-Aging IEEE802.3x Flow Control For Full-Duplex Mode And Back- pressure For Half-Duplex Mode
Transfer Method	Store-And-Forward
Certification	FCC, CE, RoHS
Consumption	9.5 watts (max. no PD connected), if full loaded can connect 15W PoE device on each port
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -10°C~70°C (14°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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