## 8 10/100TX Port PoE Desktop Switch

### Overview

BSD-PS1008 is a desktop Power-over-Ethernet (POE) switch. It provides 8 10/100Mbps Auto-Negotiation RJ45 ports. All 8 ports support Auto MDI/MDIX functions which include 8 ports with POE function. It can automatically detect and supply power to the IEEE 802.3af/at compliant Powered Devices (PDs), like Voip Phones, PoE APs, IP Phones,IP cameras, etc. This POE Switch is a Plug-and-Play unit and with a reliable POE adapter to supply power for both the network switch and the POE functions.
The BSD-PS1008 is a small size metal case device which is the perfect fit  for the small office, home and IP solution projects.

### Key Features

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3af
- Provides 8 10/100Base-TX ports, include 4 or 8 POE ports
- High back-plane bandwidth 1.6 Gbps
- Power Adapter supply power for both network switch and POE
- IEEE802.3x Flow control
- Surge protection for power port and data ports
- Supports PoE IEEE 802.3af compliant Powered Device (PD)
- Small size metal case for the POE switch
- EMI standards complies with FCC, CE class B

### Specifications

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|---|---|
| **Ports** | 8 10/100Base-TX |
| **LED Indicators** | PWR, PoE, Link/Act LED. |
| **Input voltage** | 100V～240V AC，50/60Hz (for power adapter)<br>48VDC (for switch) |
| **Power** | 130W (125W effective  PoE) |
| **Operating temperature** | 0℃～40℃ (32°~ 104°)F |
| **Storage temperature** | -10℃～70℃ (14°~158°) F |
| **Relative humidity** | 20%～85% (non-condensing). |
| **Switching capacity** | 1.6G. |
| **MAC address table** | 4K. |
| **Traffic control** | IEEE 802.3x full-duplex flow control. |
| **Size** | 13.7x7.5x2.5cm  (5.39x2.95x0.98) `` 1 kg (2.2lb ) weight |
| **PoE** | |
| **PoE ports** | 8 10/100Base-TX ports. |
| **PoE Standard** | IEE802.3af, per port 15.4W. |
| **Pin assignment** | V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8). |

### Ordering Information

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|---|---|
| **BSD-PS1008-8P** | 8 10/100TX Port Unmanaged PoE Desktop Switch |