

## 8 10/100/1000-TX PORT SWITCH

### Overview

BSG-0800T 8-port Gigabit Ethernet Switch provides you with a high-performance, low-cost, easy-to-use, upgrade to improve old network to 1000Mbps network. Increase the speed of your network server at home, office, workgroup. It transfers graphics, CGI, CAD, or multimedia files and other applications that have to move large files across the network almost instantly.

### Key Features

- Supports IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode
- Non-blocking switching architecture that forwards and filters packets at full wire-speed for maximum throughput
- Supports MAC address auto-learning and auto-aging
- LED indicators for monitoring power, link, activity
- Plug and play
- Supports 9216 Bytes jumbo packet length forwarding at wired speed



### Specifications

<b>Standards and Protocols</b>	IEEE802.3, 802.3u, 802.3ab, 802.3x CSMA/CD
<b>Basic Function</b>	Wire-speed Performance MAC Address Auto-Learning and Auto-aging IEEE802.3x flow control for Full-Duplex Mode and backpressure for Half-Duplex Mode
<b>Bandwidth</b>	16Gbps
<b>MAC Address Table</b>	8k
<b>Forwarding Rate</b>	10BASE-T: 14880pps/port 100BASE-TX: 148800pps/port 1000BASE-T: 1488000pps/port
<b>Transmission Method</b>	Store-and-Forward
<b>Ports</b>	8 10/100/1000Mbps Auto-Negotiation RJ45 ports (Auto MDI/MDIX)
<b>Network Media</b>	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100Base-Tx: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000Base-T: UTP category 5, 5e cable (maximum 100m)
<b>LED Indicators</b>	Power, LAN1-LAN8 Link/Activity
<b>Safety &amp; Emission</b>	FCC part 15 Class B CE Mark
<b>Dimensions (W*D*H)</b>	7.21 x 4.93 x 1.21 in. (183 x125.2 x 30.72)mm
<b>Environment</b>	Operating Temperature: 0°C~40°C (32°~104° F) Storage Temperature: -20°C~70°C (-4~58°F) Operating Humidity: 5%~90% non-condensing Storage Humidity: 5%~90% non-condensing
<b>Power</b>	External Power Adapter DC9V

### Ordering Information

<b>BSG-0800T</b>	8 port Gigabit Ethernet Switch
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