



Gigabit

8-port Copper Gigabit Ethernet Switch

Part No. eG8G

8-port copper Gigabit Ethernet Smart Switch

Part No. eG8GS

The eGig 8-port Gigabit Switch was designed as a high performance solution to implement Gigabit Ethernet in the backbone, and to the desktop. Each port auto senses 10/100/1000Mbps, creating a smooth path for migrating an existing LAN to Gigabit speeds. The Smart version of this switch provides a console port, which can be used to configure the switch's setting for the port speed, VLAN, trunking, mirror and priority.

Product Features

- Provides eight 10/100/1000Mbps Gigabit switching ports
- All ports provide Auto-Negotiation and Auto-MDI/MDI-X functions
- Provides full wire speed filtering and forwarding rate
- Supports flow control: Back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode
- Provides 8K MAC address entry



Smart Switch Capabilities

- Console configuration
- Configurable to 10 full/half duplex, 100 full/half duplex and 1000 full/half duplex for each port
- Provides 2 trunk groups of up to 4 Gbits per group
- Supports 4 CoS Priority queues per port basis of IP header (ToS) or 802.1Q VLAN tag
- Supports Port-based VLAN (up to 8 groups)
- Supports Port Mirroring

Specifications

Standards Compliance

- IEEE 802.3 10BASE-T; IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T copper over Ethernet

Number Of Ports

- 8 integrated ports (10/100/1000Mbps N-Way port)
- Auto-Negotiation and Auto-MDI/MDI-X

Flow Control Supported

- Back Pressure for Half-duplex mode
- IEEE 802.3x for Full-duplex mode

Network Transmission Media

- 10BaseT Cat. 3, 4, 5 UTP/STP
- 100BaseTX Cat. 5 UTP/STP
- 1000BaseT Cat. 5 UTP/STP

Network Status Monitoring LEDs

- System: Power
- Per port: 1000/ACT, 100/ACT, 10/ACT, DUP

Filter/Forward Rate

- 10Mbps ports - 14,880pps
- 100Mbps ports - 148,800pps
- 1000Mbps ports - 1,488,000pps

Buffer Memory

- RAM: 256KBytes per device

MAC Address

- Up to 8K MAC address entry per device

Power

- AC input (90-240V/AC, 50-60Hz) UL Safety
- Power Consumption: 20 Watts (Max)

Operating Temperature

- 0 C ~ 60 C

Store Temperature

- 0 C ~ 90 C

Humidity

- 10% ~ 90% RH (Non-condensing)

Safety & EMI Certificates

- CE & FCC-A

Dimensions (L x W x H)

- 11.5in x 9.5in x 2.5in

Weight

- 4.3 lbs

Warranty

- 1 Year

Specifications in this document are subject to change without notice.

Ordering Information

eG8G	8-port Copper Gigabit Ethernet Switch
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[eGig Corporation -- www.egigethernet.com](http://www.egigethernet.com)

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