



The eGig Gigabit Switch is an excellent way to deliver Gigabit speeds on your network. It can increase productivity by shortening "wait-time" experienced by employees and enabling time saving applications like video, high-resolution graphics and voice over IP. This switch makes connecting to existing 10/100 networks and 10/100 devices easy with 10/100/1000 Auto-negotiation on all the copper ports. It also automatically senses cabling polarity, eliminating the need for special crossover cables and compensating for many wiring problems. For added flexibility, this switch also comes with two shared Mini-GBIC slots for Gigabit fiber connectivity.

Units with Smart capabilities (eG16GS and eG24GS models) have a powerful web-based management interface which allows network managers to configure advanced settings including VLANs, link aggregation groups and port mirroring.

In large, medium or small networks, this switch not only provides high-performance switching but also great versatility for ever changing network environments.

- Improve productivity with Gigabit performance
- Prepare your network for voice over IP, high-quality video and other multimedia applications
- Move large files faster
- Enable real-time data backups

Product Features

- Provides 16 or 24 RJ-45 ports for 10/100/1000BASE-T connections
- Auto-MDI/MDI-X on all RJ45 ports
- Head of Line blocking prevention
- 32K unicast addresses
- On-chip 1MB packet buffer
- Flow control mechanism to ensure zero packet loss
- Uses back pressure for half-duplex operation
- IEEE 802.3x for full duplex operation
- Store-and-forward forwarding scheme
- Jumbo Frame up to 9KB
- Two shared Mini-GBIC ports for Fiber extension
- Half duplex and full duplex modes and auto-negotiation for all 10/100/1000BASE-T ports
- Efficient self-learning, address recognition mechanism, performs forwarding and filtering at non-blocking full wire speed

eG16G



eG16GS



eG24G



eG24GS



Specifications

Standards	IEEE 802.3, 802.3u, 802.3x, 802.3ab	Max Segment Length	100 M (328 ft) over Category 5 twisted pair cable
Ports	16 or 24 auto-sensing 10/100/1000Mbps ports 2 mini-GBIC Slots Smart Versions: 1 RS232 Serial Port	Cable Type	Category 5 or better
Speed	10/100Mbps at half duplex, 20/200/2000Mbps at full duplex	Buffer Memory	256KBytes
Protocol	CSMA/CD	MAC Address	4K
Connector	RJ-45 connector	Dimensions (W x D x H)	430 x 350 x 44.5 mm (16.9 x 13.8 x 1.75 inch)
LED	Power, Speed (1000Mbps), Link/Act, FDX per port	Weight(Net/Gross)	3.5 kg / 5.0 kg (105.8oz / 141oz)
		Power	100 ~ 240 VAC, 50-60 Hz
		EMI/EMC Certification	FCC B, CE

Specifications in this document are subject to change without notice.

Ordering Information

eG16G	16-port Gigabit Ethernet Switch with 2 mini-GBIC Slots
eG16GS	16-port Gigabit Ethernet Smart Switch with 2 mini-GBIC Slots
eG24G	24-port Gigabit Ethernet Switch with 2 mini-GBIC Slots
eG24GS	24-port Gigabit Ethernet Smart Switch with 2 mini-GBIC Slots