GSS-8T2SFP SWITCH

Web Managed 8 Port Gigabit Switches with mini-GBIC

Alloy offers a range of switches in both fixed port configurations and modular configurations. All are based on latest generation highly integrated ASIC technology, to achieve the maximum level of performance and flexibilty for your 10/100/1000Mbps networking needs.

The GSS-8T2SFP is a high performance web-smart switch that provides eight 10/100/1000Mbps copper Ethernet ports and two mini-GBIC ports. Optional fibre transceivers can be installed into either or both of the mini-GBIC slots, in combinations of either multi-mode fibre transceivers for short distance applications or single-mode fibre transceivers for long distance applications (for example, for construction of high-speed fibre backbones).

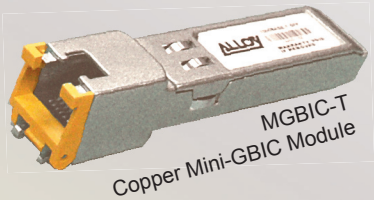
Two of the eight copper gigabit ports and the mini-GBIC ports are setup as a paired configuration, for a total number of eight gigabit ports. Management is performed from an additional 10/100Mbps Ethernet configuration port. This port is not connected to the other gigabit copper ports or fibre ports, and is used for out-of-band management or optionally can be connected to one of the eight gigabit ports to provide in-band management. This additional security feature ensures that only personnel with the appropriate physical access to the switch can modify configuration options.

All ports support non-blocking maximum wire-speed performance with auto-negotiation and Auto-MDIX functions on all switched 10/100/1000M RJ-45 gigabit copper ports. The GSS-8T2SFP supports both port-based VLAN and tag-based VLAN for enterprise connectivity.

To increase bandwidth for backbone applications up to four ports can be truncated into one high speed connection, providing an 8Gbps full duplex trunked link. Configuration of Rate Control for individual ports, and advanced statistical information is also provided via the web management interface. The GSS-8T2SFP is perfectly suited to smaller backbone applications, high speed workgroup environments, or as departmental switches on larger enterprise networks.

KEY FEATURES

- Non-blocking, full-line speed, store-and-forward
- Support jumbo frames, Max. packet length 9728 byte
- Auto-Negotiation and Auto-MDIX on all 10/100/1000M copper ports
- Up to 8 10/100/1000 RJ-45 copper ports and 2 mini-GBIC ports
- Support port based VLAN and 802.1q Tagged VLAN
- MAC based Trunking and fail over
- Port, Weighted Priority, and 802.1q-based QoS for four Queues.
- Support flow control for both half- or full-duplex operation
- Port based Rate Control
- Support broadcast storm prevention
- Support port mirroring
- LED display for each port status: link and activity
- Wall mount, Rack mount or desktop



MGBIC-T
Copper Mini-GBIC Module

MGBIC-MLC
MultiMode Fibre (LC) Mini-GBIC Module

On-line brochures available for related products: ***http://www.alloy.com.au/Resource.asp***

*Unmanaged Switches *Converters *Network Adapters *Fibre Optic Networking *and much more*

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Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000Base Gigabit Ethernet IEEE 802.3x flow control IEEE 802.1q Tag-based VLAN, Priority Control
Interfaces	8x 1000BaseTX RJ-45 ports 2x 1000BaseFX Mini-GBIC slots
Buffer Memory:	1M bits for Packet Buffer 4K entries for MAC 4K entries for VLAN
Packet Forwarding and Filtering Rates:	1000M ethernet: 1488100 packets per second per port 100M ethernet: 148810 packets per second per port 10M ethernet : 14880 packets per second per port
Environment	Operation temperature: 5 to 45 centigrade Operating humidity: 10%-90%, non-condensing Storage temperature: -20 to 70 centigrade
System LED Display	1 power LED: Green (normal) 1 Diagnostic LED: Steady Green (normal), Blinking (abnormal)
Copper port LED Display	Left corner of each RJ-45 port, Green (Link ok), Blinking (Activity) Right corner of each RJ-45 port, Green (1000M), Off (10/100M)
mini-GBIC LED Display	Green (Link ok), Blinking (Activity), Off (Link Down)
CFG LED Display	Left corner of RJ-45 port, Green (Link ok), Blinking (Activity) Right corner of RJ-45 port, Green (100M), Off (10M)
Power	Input: 100-240VAC, 50/60Hz Power Consumption: 20 Watts max.
Dimensions	252mm (W) X 125mm (D) X 44mm (H)
Weight	1.3 kg
Compliance:	Class A FCC, CE, VCCI, C-Tick

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