

GSS-8T16SFP SWITCH

Web Managed 16/24 Port Gigabit Switches with mini-GBIC

Alloy offers a range of Gigabit 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 flexibility for your 10/100/1000Mbps networking needs.

The GSS-8T16SFP is a high performance web-smart switch that provides 16x mini-GBIC ports and 8x 10/100/1000Mbps copper Ethernet ports. With optional fibre transceivers installable into the 16 mini-GBIC slots a combination of either multi-mode fibre transceivers for short distance applications or single-mode fibre transceivers for long distance applications can be used to construct a high-speed fibre backbone.

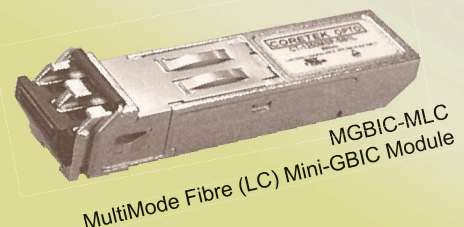
Management is implemented from an out-of-band RS-232 console port and also from in-band Ethernet connectivity.

All ports support Non-blocking maximum wire speed performance. Auto-Negotiation and AUTO-MDIX functions on all switched 10/100/1000M RJ-45 Gigabit copper ports.

The GSS-8T16SFP supports both port-based VLAN and Tag-based VLAN. To increase bandwidth for backbone applications up to 4 trunks can be enabled with a maximum of eight ports in each trunk.

KEY FEATURES

- ✓ Non-blocking, full-line speed, store-and-forward
- ✓ Supports jumbo frames, Max. packet length 9216 bytes
- ✓ Auto-Negotiation and Auto-MDIX on all 10/100/1000M copper ports
- ✓ 16 mini-GBIC ports for optional fibre Transceivers and 8 10/100/1000Mbps copper Ethernet ports
- ✓ 512K Bytes packet buffer
- ✓ 8K MAC entries
- ✓ Support port based VLAN and Tag VLAN
- ✓ Provides 4 trunk groups of up to 8 member ports in each group
- ✓ Port, Weighted Priority, and 802.1q-based QoS for four Queues.
- ✓ Support flow control for both half and full-duplex operation
- ✓ Support broadcast storm prevention
- ✓ Support port mirroring
- ✓ LED display for each port: link and activity



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

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Alloy Computer Products (Aust) Pty Ltd
 Address: 4/585 Blackburn Road Notting Hill, VIC, 3168
 Tel: (03) 8562 9000 Fax: (03) 9561 7412
 Email: alloy@alloy.com.au Web: www.alloy.com.au



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	16x 1000BaseFX Mini-GBIC ports 8x 1000BaseTX RJ-45 ports
Buffer Memory:	512MB for packet buffers 8K 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 10Methernet : 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)
Power	Input: 100-240VAC, 50/60Hz Power Consumption: 30 Watts max.
Dimensions	440mm (W) X 184mm (D) X 44mm (H)
Weight	2.3 kg
Compliance:	C-Tick, Class A FCC, CE, VCCI

