

FXG-08TL 8Ports Gigabit Switch



▶ Feature

All the eight ports support 1000Mbps data transfer speed. The high-speed switching eliminates bottlenecks that build up on heavy traffic servers and backbone connections, offering a truly comfortable and speedy networking environment. Also, the FXG-08TL supporting functions like the port-based VLAN, Trunk and Port Mirroring, features high flexibility and suitability for various network layouts.

■ Provides Gigabit connectivity on all ports

All of the eight ports fully support 1000Mbps connectivity. In a business environment that demands highly intensive information processing, the FXG-08TL is an ideal switch solution for network backbones that handle large volumes of data and multimedia data.

■ All ports support Auto MDI/MDI-X

All of the eight ports support Auto MDI/MDIX, a built-in function that automatically recognizes the type (straight/crossover) of the attached cable. This feature effectively removes all wiring troubles caused by a cable type mismatch.

■ Supports VLAN function

With the VLAN feature, networked computers can be grouped into separate "VLAN groups". The FXG-08TL supports up to 8 such VLANs. This feature allows the construction of logical network segments that do not depend on physical network configuration.

■ QoS Improves Network Availability

The IEEE802.1p-compliant QoS function (4 levels max.) allows controlling the quality of communication. By prioritizing network traffic, the switch reserves bandwidth to enhance the availability of network applications including groupware and databases.

■ Port Trunking secures a broadband link between 2 switches

The Trunk feature combines multiple physical ports (links) to form one logical link, between two switches. The FXG-08TL supports the Trunk connection of two ports, up to two groups.

■ Supports Port Mirroring

The FXG-08TL supports port mirroring, a function that copies packets sent or received on a specific port to another port. Using this feature, the user can attach a monitoring device such as Sniffer or Rmon probe to Port 8 to analyze the packets that pass the source port.

■ Higher Communication Efficiency Achieved via Flow Control

The FXG-08TL supports Flow Control (Full Duplex: IEEE802.3x, Half Duplex: Back Pressure) which prevents packet losses caused by mismatches between the sending and the receiving speeds (bandwidth). The product utilizes this technology to

provide a highly efficient and reliable networking environment.

► Specification

Model Number	FXG-08TL
Access Method	CSMA/CD 10/100/1000Mbps
Supported Standards	IEEE802.3ab 1000BASE-T IEEE802.3u 100Base-TX IEEE802.3 10Base-T IEEE802.3x Flow Control IEEE802.1Q Tagging VLAN
Supported Media	UTP/STP Cable 1000Mbps: Enhanced Category 5 or greater 100Mbps: Category 5 or greater 10Mbps: Category 3 or greater
Number of Ports	10/100/1000BASE-T x 8 ports (All ports support Auto MDI/MDI-X) RJ-45 connector
Data Transfer Rate	10Mbps/100Mbps (Full Duplex, Half Duplex), 1000Mbps (Full Duplex) Speed automatically selected via Auto-Negotiation(*1000Mbps at Half Duplex is not supported)
MAC Address	8000 entries
Internal Bus Speed	16Gbps
Network Bridging	Filtering, Forwarding, Address-Learning
LED	Power, 100M, 1000M, FDX, Link/Act
Packet Buffer Memory	2Mb
Trunking	Supports 2-port x 2-group configuration
VLAN	IEEE802.1Q Tagging VLAN (supports up to 8 groups), GVRP
QoS(IEEE802.1p)	Supports 4-level QoS
Port Mirroring	Supported
Console Port	RS-232C D-sub 9pin * Setting on Macintosh not supported
Transfer Mode	Store-and-Forward
Packet Transfer/Filtering Rate (64byte)	For each port 10M:14,881pps

	100M:148,810pps 1000M:1,488,100pps(1000M<->1000M, 64Byte)
Flow Control	Full Duplex: IEEE802.3x Half Duplex: Back Pressure
Power Input	Internal power supply, AC100 to 240V, 50/60Hz
Power Consumption	40W Max
Operating Temperature	0-40 degrees Celcius
Operating Humidity	10 to 90% (Non-condensing)
Dimensions	273(W) x 44(H) x 166(L) mm
Weight	1.5kg
EMI	FCC Class A, VCCI Class A, CE
Package Contents	FXG-08TL, Power cable, User's manual, 19 inch rack-mount kit(with 8 screws), Rubber footpads, Serial cable

▶ **Product View**

