

## FMG-08SX 8Ports Gigabit Switch



### ▶ Feature

The FMG-08SX removes traffic bottlenecks on heavy access servers and backbone connections by performing wire-speed switching via its eight ports that all support 1000Mbps of broadband capacity. The Switch thus eliminates network traffic jams to bring a more pleasant networking environment.

#### ■ Provides Eight 1000BASE-SX(SC) Ports

As all ports on the product support data transfers at 1000Mbps, the switch is an ideal backbone solution for networks that deal with multimedia and other high-volume data. Further, fiber-optic cables are ideal for constructing wide area networks because 1) they cover much longer distances (550 meters for Multi-Mode, 270 meters for Single Mode) compared with ordinary network cables and 2) the signal decay rate of the transmission path of fiber-optic cables is much smaller than that of copper-wire cables.

#### ■ Networking Made More Flexible and Available via QoS and VLAN

The switch features IEEE802.1Q VLAN supporting up to 256 groups and QoS for prioritizing network traffic. Together, these technologies enable more flexible network configuration and improve the availability of network applications including groupware and databases.

#### ■ Intelligent Features

The FMG-08SX supports SNMP/RMON as well as Multicast. When combined with Gigabit Intelligent Switches from PLANEX, the FMG-08SX can form a Gigabit network equipped with powerful management features. Furthermore, the new network can be configured via an ordinary Web browser. Network management is made easy with the configuration utility that fully utilizes the familiar GUI.

\*SNMP: MIB II/Ethernet-like MIB/Bridge MIB/Private MIB/RMON MIB

\*RMON: Statistics/History/Alarm/Event

\*Multicast Control: IGMP Snooping/GMRP

#### ■ Store-and-Forward Scheme Blocks Error Packets

The FMG-08SX employs Store-and-Forward technology to block error packets within the switch itself. This way, the product prevents the generation of needless traffic on the network.

#### ■ Flow Control Enables Higher Network Efficiency

The Switch 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 FMG-08SX utilizes this technology to provide a highly efficient and reliable networking environment.

► Specification

<b>Model Number</b>	<b>FMG-08SX</b>
<b>Access Method</b>	CSMA/CD 1000Mbps
<b>Supported Standards</b>	IEEE802.3z 1000BASE-SX
<b>Number of Ports</b>	1000Mbps Auto-Negotiation Port x 8 ports
<b>Internal Bus Speed</b>	16Gbps
<b>Packet Buffer Memory</b>	2MB/port
<b>MAC Address</b>	12000 entries
<b>Network Bridging</b>	Filtering, Forwarding, Address-Learning
<b>Data Transfer Mode</b>	Store-and-Forward
<b>Packet Transfer/Filtering Speed</b>	1,488,000pps
<b>SNMP</b>	MIB II Ethernet MIB Bridge MIB Private MIB RMON MIB
<b>RMON</b>	Statistics/History/Alarm/Event(1,2,3,9 groups)
<b>Console Port</b>	RS-232 D-sub 9pin
<b>VLAN</b>	IEEE802.1Q Port-Based VLAN (256 groups)/GVRP
<b>Trunk</b>	2-4 port Trunking (Supports up to 4 groups/8Gbps)
<b>QoS(IEEE802.1p)</b>	IEEE802.1p(2-level QoS)
<b>Spanning Tree</b>	IEEE802.1d
<b>Input Power</b>	AC100 -240V ,50/60Hz
<b>Power Consumption</b>	70W Max
<b>Operating temperature</b>	0-40 degrees Celsius
<b>Operating humidity</b>	35-85% (Non-condensing)
<b>Dimensions</b>	440(W) x 64(H) x 285(D)mm
<b>Weight</b>	4.6Kg
<b>Warranty period</b>	3 years
<b>EMI</b>	FCC Class B VCCI Class B

	<p>CE          CE Mark</p>
<p><b>Package Contents</b></p>	<p>FMG-08SX, User's Manual, Serial Cable, Power Cable, 19" Rack-Mounting Accessories</p>

▶ **Product View**

