

Gigabit Intelligent Switch GXI-222M/024S



GXI-222M



▶ Feature

■ Gigabit-class wide bandwidth

The GXI-222M Intelligent Switch features two 1000BASE-SX(SC) ports and twenty-two 10/100BASE Auto-Negotiation ports. The switch provides a wide bandwidth of up to 1000Mbps (2000Mbps in full duplex mode) to an attached server or backbone where access requests in the network concentrate. Moreover, the switch allows several 10/100BASE Auto-Negotiation ports to be bundled or "Trunked" into one link to achieve data transfer speeds of up to 800Mbps (1600Mbps in full duplex mode).

■ Supports Up To Ninety-Two 10/100BASE Auto-Negotiation Ports via

Three units of the GXI-024S can be stacked to every single GXI-222M. Simply attach client PCs to these stacked switches, and all members in your network can easily share the gigabit bandwidth. By providing more bandwidth to each client, the switch significantly speeds up data transfers within a given workgroup.

■ Upgradable to the Latest 1000BASE-T Standard

Option modules for 1000BASE-LX and 1000BASE-TX are available to support connections to other media.

* The 1000BASE-LX module and the 1000BASE-TX module replace the 1000BASE-SX module which comes standard on the switch.

■ Provides Intelligent Switch-Management Features

The switch supports advanced management features including SNMP and RMON which monitors network status and reports errors in the target network. Furthermore, QoS and Multicast technologies employ "policies" to prioritize applications to allow the user to setup a truly efficient gigabit network.

► Specification

Product Model		GXI-222M	GXI-024S
Port	100BASE-TX/10BASE-T	22	24
	1000BASE-SX	2(SC)	-
Expansion Slots	Exp. Slot (Available Slots)	3(0)*1	2(0)*2
Internal Bus Speed		21.3Gbps	10.66Gbps
Packet Buffer		10/100M: 0.5MB/port, 1000M: 2MB/port	0.5MB/port
MAC Addresses		12288	12288
Switching Scheme		Store & Forward	Store & Forward
Latency		11.6us	11.6us
Trunk		2-8 Port Trunk (Supports up to 3 groups) *3	2-8 Port Trunk (Supports up to 3 groups) *3
Flow Control		Full Duplex: IEEE802.3x Half Duplex: Back Pressure	Full Duplex: IEEE802.3x Half Duplex: Back Pressure
VLAN		IEEE802.1Q Port-Based VLAN (96 groups), GVRP	IEEE802.1Q Port-Based VLAN (96 groups), GVRP
Spanning Tree		IEEE802.1d	IEEE802.1d
Multicast		IGMP Snooping, GMRP	IGMP Snooping, GMRP
QoS		IEEE802.1p(2 levels)	IEEE802.1p(2 levels)
SNMP		MIB II / Bridge MIB / RMON MIB / Entity MIB / PTOPO MIB and PDP	MIB II / Bridge MIB / RMON MIB / Entity MIB / PTOPO MIB and PDP
RMON		Statistics/History/Alarm/Event	Statistics/History/Alarm/Event
Port Mirroring		Supported	Supported
Config. via WWW Browser		Supported	Supported
Console Port		RS-232C D-sub9pin	RS-232C D-sub9pin
Phys. Spec.	Weight	5kg	5kg
	Dimensions	441(W) x 44(H) x 367(D)mm	441(W) x 44(H) x 367(D)mm
	19" Rackmount	Supported	Supported

*1 The 3 slots consist of:

- A. Stack Module Slot (rear panel: shipped with a module),
- B. Gigabit Module Slot (rear panel: shipped with a 2 port 1000BASE-SX module) and
- C. 100BASE-TX Module Slot (front panel: shipped with a 2 port 10/100BASE-TX module).

*2 The 2 slots consist of:

- A. Stack Module Slot (rear panel: shipped with a module),
- B. 100BASE-TX Module Slot (front panel: shipped with a 2 port 10/100BASE-TX module).

*3 The 3 groups consist of:

- A. One group supporting 2-port Trunk only and
- B. Two groups supporting 2-8 port Trunking.

The gigabit ports do not support Trunking.

