



GS-0216

Gigabit Switch (Module Type) GS-0216/0224/0232

Store&Forward

Flow Control

Feature

■ The products are equipped with 16/24/32 10/100BASE-TX Auto-Negotiation ports.

The GS-0216/GS-0224/GS-0232 are equipped with 16/24/32 10BASE-T<->100BASE-TX Auto-Negotiation Ports, respectively. You can select a model that best matches the number of ports required at your office or school.

■ Expansion Slots Allow Scalable Networking

All the three models are equipped with two expansion slots. A variety of plug-in modules for these slots are available to meet your various upgrade needs.

■ Supports up to 32 Ports

Using optional plug-in modules for the expansion slots, you can have up to 32 10/100BASE-TX auto-negotiation ports. The GS series switches flexibly keep up with changing port demand even after you purchase the product(s). (*)

■ Supports Gigabit and Fiber-Optic

Option module lineup (for the expansion slots) includes 1000BASE-SX module (SC connector), 100BASE-FX module (SC connector) and 100BASE-FX module (ST connector). By either adding a new module to an open slot or replacing an existing board with one of the three modules above, you can setup a switch that supports future upgrade to Gigabit or fiber-optic networking environment.

■ Flow Control Brings Higher Throughput

All the three models support Flow Control (full duplex: IEEE802.3X, half duplex: Back Pressure) that prevents packet losses resulting from transmission <-> receiving speed (bandwidth) mismatch. Thanks to this feature, the switches bring both higher communication throughput and more efficient computer networking.

■ Option module for expansion slot

Product Model Number: GS-1SX 1000BASE-SX (SC) 1-Port Module

Product Model Number: GS-4FXC 100BASE-FX (SC) 4-Port Module

Product Model Number: GS-4FXT 100BASE-FX (ST) 4-Port Module

Product Model Number: GS-2FXC 100BASE-FX (SC) 2-Port Module

Product Model Number: GS-2FXT 100BASE-FX (ST) 2-Port Module

Product Model Number: GS-8TX 10/100BASE-TX 8-Port Module

Specifications

Product Moele		GS-0232	GS-0224	GS-0216
Port	100BASE-TX/10BASE-T	32	24	16
Expansion Slot	Expansion Slot Available Slot	2(0)	2(1)	2(2)
	Option Modules	GS-1SXC : 1Port 1000BASE-SX(SC) GS-4FXC : 4Port 100BASE-FX(SC) GS-4FXT : 4Port 100BASE-FX(ST) GS-2FXC : 2Port 100BASE-FX(SC) GS-2FXT : 2Port 100BASE-FX(ST) GS-8TX : 8Port 10/100BASE-TX		
Backplane Capacity		9.6Gbps		
Packet Buffer		8MB	6MB	4MB
MAC Addresses		12000		
Switching Mode		Store & Forward		
Layer-2 Filtering/ Forwarding Rate		1,488,100pps(1000Mbps), 148,810pps(100Mbps), 14,880pps(10Mbps)		
Latency		10.950us		
Flow Control		Full Duplex: IEEE802.3x / Half Duplex: Back Pressure		
Operating Voltages		100-240V AC		
Operating Frequencies		50-60Hz		
Power Consumption		35W		
Physical Specifications	Weight	5.0kg	4.7kg	4.4kg
	Dimensions	440(W) x 66.5(H) x 225(D)mm		
Operating Environment	Operating Temperatures	0-40 degrees Celsius		
	Operating Humidities	10-90%(non-condensing)		

* The number of available slots for GS-0216/GS-0224/GS-0232 are 2/1/0, respectively. To change the port configuration of the GS-0232, you need to replace one of the two pre-installed 8-port 10/100BASE-TX modules.