



GS-2008NW

Gigabit Switch GS-2008NW/2116NW/2124NW

- Store&Forward
- Flow Control
- QoS
- VLAN
- Trunk

▶ Feature

■ Gigabit Uplink

The GS series Gigabit Switches (GS-2008NW/ GS-2116NW/GS-2124NW) are equipped with two 1000BASE-SX (SC) ports and 8/16/24 10/100BASE Auto-Negotiation ports, respectively. Unlike most of low-priced switches with just one gigabit port, the GS series products provide two gigabit ports. By connecting one of the gigabit ports to an existing backbone and linking the remaining gigabit port to a workgroup server, you can set up a network with unmatched performance and flexibility. Moreover, the 10/100BASE Auto-Negotiation ports can be "Trunked" to provide speedy data access at 400Mbps (800Mbps in full duplex).

■ Expands Network Availability via QoS and VLAN

The Gigabit Switches support up to 9/18/26 port-based VLAN groups, and its QoS feature assigns a priority to each application utilizing the available network traffic. The end result is a more flexible network with higher availability of network applications. Critical applications such as groupware and important databases are much easier to access via the GS series Gigabit Switches!

▶ Specification

Product Model	GS-2008NW	GS-2116NW	GS-2124NW
Access Method	CSMA/CD 10/100/1000Mbps		
Supported Standards	IEEE 802.3 10BASE- T IEEE802.3u 100BASE- TX IEEE802.3z 1000BASE- SX		
Supported Media	UTP/STP Cable 10Mbps : Category3 or greater 100Mbps : Category5 or greater Fiber-optic Cable 1000Mbps : 62.5/125 or 50/125micro-meter multimode fiber-optic cable		
Port	100BASE-TX/10BASE-T 8	16	24

	1000BASE-SX	2(SC)		
Switching Scheme		Store & Forward		
MAC Address		16384	16000	16000
Internal Data Bus Speed		6.4Gbps		
Packet Buffer Memory		1000M Part:2MB/Port 100M Part:2MB	1000M Part:2MB/Port 100M Part:4MB	1000M Part:2MB/Port 100M Part:6MB
Trunk		2-4 Port Trunk (supports up to 3 Trunk groups) *1	2-8 Port Trunk (supports up to 5 Trunk groups) *1	(supports up to 5 Trunk groups) *1 2-8 Port Trunk (supports up to 7 Trunk groups) *1
Flow Control		Full Duplex: IEEE802.3x / Half Duplex: Back Pressure		
VLAN		Supports 9 port-based groups	Supports 18 port-based groups	Supports 26 port-based groups
QoS		IEEE802.1p (4 levels)	IEEE802.1p (4 levels), Port-based(8 levels)	IEEE802.1p (4 levels), Port-based(8 levels)
Network Bridging Features		Filtering, Forwarding, Address Learning		
Port Mirroring		Supported		
Console Port		RS-232C D-Sub9pin		
Filtering / Forwarding Speed		10Mbps :14,881pps	100Mbps :148,810pps	1000Mbps :1,488,100pps
Power Supply		AC100 -240V ,50/60Hz		
Power Consumption		20W Max.	30W Max.	36W Max.
Operating Temperatures		0 - 40 degrees Celsius		
Operating Humidities		35 - 85% (non-condensing)		
LEDs		Diag ,Power ,Link/Act ,FDX/Col. ,Link ,Act		
Physical Specifications	Weight	3kg	4kg	4kg
	Dimensions	324(W) x 44.5(H) x 231(D)	433(W) x 44.5(H) x 235(D)mm	433(W) x 44.5(H) x 235(D)mm
	19inch Rack	Optional GS-RMK	Supported	Supported
EMI		FCC Class A ,CE		

* The gigabit ports do not support Trunk.

