



GS-1016

## 16-port 10/100/1000M Rack-mount Gigabit Ethernet Switch

### Description:

The GS-1016 is 16-port 10/100/1000M rack-mount Gigabit Ethernet Switch that is designed for medium or large network environment to strengthen its network connection. Including rack-mount brackets, the 19" size switch fits into your rack cabinet. It is a superb choice to boost your network with higher performance and efficiency.

### Supports High-Speed Networking and Jumbo Frames

The GS-1016 is an excellent solution to expand your Gigabit network. With Gigabit speed, the GS-1016 gives high flexibility and high bandwidth connectivity to servers, workstations and other attached devices. It enables you to save time when transferring large files. In addition, it also supports Jumbo Frames 9K to improve network utilization in large files transfer.

### Supports Auto-MDI/MDI-X

Every port of the GS-1016 can automatically detect the type of cables. There is no need to choose crossover or parallel cables when you are connecting this switch to another switch or to a computer.

### Supports Auto-Negotiation

Every port of the GS-1016 can automatically distinguish the connected network devices are running at 10Mbps, 100Mbps for Half/Full-Duplex mode and 1000Mbps for Full-Duplex mode. The GS-1016 can adjust the speed and mode accordingly.

### Supports Non-Blocking Wire Speed

The GS-1016 receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port of the GS-1016 has the speed up to 2000Mbps in full-duplex mode simultaneously. This feature provides full wire speed to the connected devices and allows you to run a high speed network smoothly.

### Supports Store and Forward Architecture

With the store and forward architecture filters fragment & CRC error packets, the GS-1016 can maximize network performance while minimizing the propagation of bad network packets.



### Specification

<b>Standards</b>	IEEE 802.3 10BaseTX IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseTX IEEE 802.3az Energy Efficient Ethernet
<b>Features</b>	RJ-45 Ports: 16 MAC Address: 8K Buffer Memory: 256KB Jumbo Frames: 9KB Transmission Method: Store and Forward
<b>Filtering/Forwarding Rates</b>	1000Mbps port – 1,488,100pps 100Mbps port - 148,810pps 10Mbps port - 14,881pps
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
<b>Led Indicators</b>	Per Port: Link/Act Per Unit: Power
<b>Power Requirement</b>	100~240V/AC, 50~60Hz
<b>Power Consumption</b>	Watts (Max)
<b>Dimensions</b>	441 x 131 x 44(L x W x H)
<b>Weight</b>	kg
<b>Operating Temperature</b>	0 to 40°C
<b>Storage Temperature</b>	-40 to 70°C
<b>Humidity</b>	Operating: 10 to 90% RH (non-condensing) Storage: 5 to 90% RH (non-condensing)
<b>Certifications</b>	FCC Class A, CE

