



GS-1026 V2

24-Port Gigabit with 2 SFP Slot Rack-Mount Switch

The GS-1026 V2 is 24-port gigabit with 2 SFP slots rack-mount 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.

Built-in 2 SFP slots

The GS-1026 V2 is built in with 2 SFP slots to uplink to the server, storage, or other switch. You can make the connection by plugging in standard SFP fiber modules for long distance applications.

Supports High-Speed Networking and Jumbo Frames

The GS-1026 V2 is an excellent solution to expand your Gigabit network. With Gigabit speed, the GS-1026 V2 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.

Plug & Play, No Installation Required

Just plug Ethernet enabled devices into the switch. Data can be transmitted through existing standard Cat-5e Ethernet cables with no additional cables or configuration required.

High Performance

The GS-1026 V2 switch also supports auto-negotiation, non-blocking wire speed, auto-MDI/MDI-X and store and forward architecture to give you the maximum speed and highest performance possible for each device connected to your network.

•Auto-Negotiation

Each of the GS-1026 V2's ports automatically detect whether connected network devices are running at 10Mbps or 100Mbps and half-duplex or full-duplex mode, and adjusts the speed and mode accordingly ensuring easy and hassle-free operation.

•Non-Blocking Wire Speed

Forwards and receives traffic seamlessly – each port supports speeds up to 200Mbps in full-duplex mode simultaneously, providing full wire speed to connected devices and allowing you to run a high speed network smoothly.

•Supports Auto-MDI/MDI-X

Every port of the GS-1026 V2 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 Store and Forward Architecture

With the store and forward architecture filters fragment & CRC error packets, the GS-1026 V2 can maximize network performance while minimizing the propagation of bad network packets.

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Power Saving

Along with the Fast Ethernet speeds critical for next-generation network applications, the GS-1026 V1 offers environmental efficiency. To comply with the IEEE802.3az standard, the GS-1026 V2 provides power saving functionality to reduce energy consumption and save costs:

•Inactive Link Detection

When a network device is shut down and/or an inactive link is detected, the power usage adjustment feature automatically reduces power usage. The switch's power consumption will be dynamically adjusted according to the link status and the number of active network devices.

•Cable Length Detection

Devices equipped with this feature automatically detect the length of connected Ethernet cables and adjust power usage accordingly. The shorter the cable length, the less power it consumes.

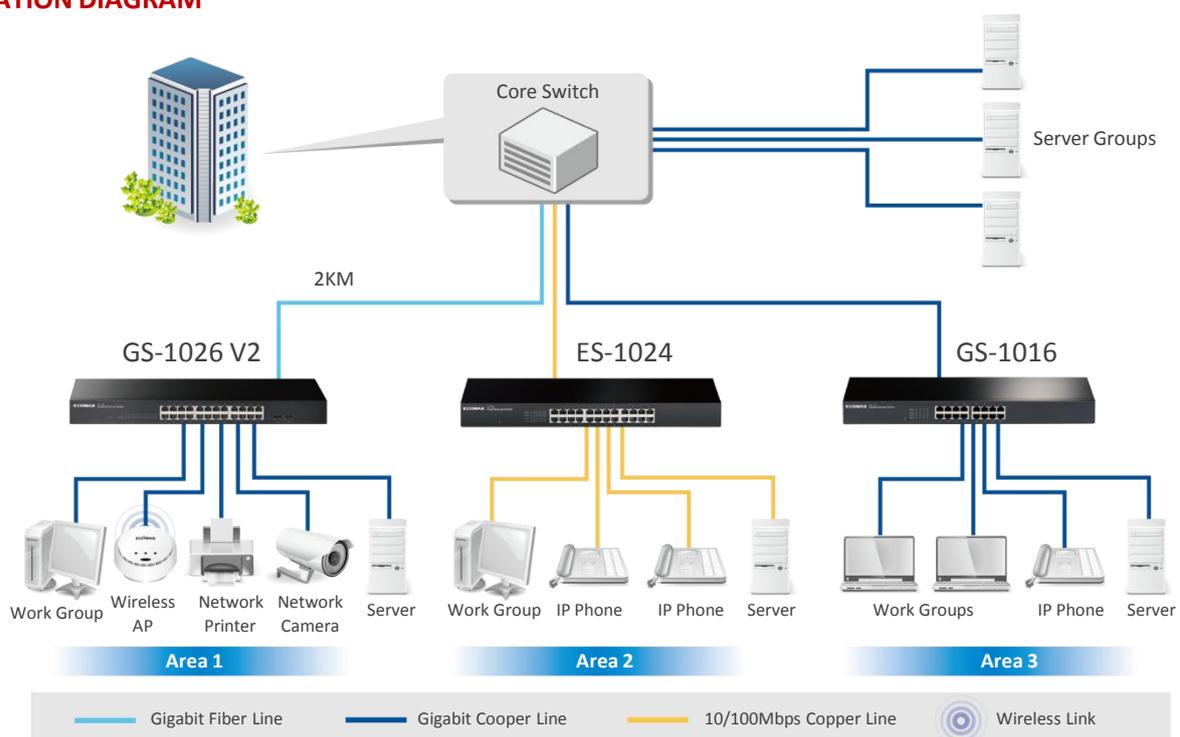
Fan-less Design

Since the fan-less design provides quiet operation and helps to extend the device's lifetime in office spaces, the GS-1026 V2 is the perfect solution for small business and SOHO office deployments.

FEATURES

- Supports 24 10/100/1000Mbps Gigabit Ethernet ports and 2 1000Mbps SFP slots
- Supports auto-MDI/MDIX crossover detection and auto-correction
- Supports 10/100Mbps full/half duplex modes and 1000Mbps full duplex mode
- Supports wire-speed package filtering and forwarding rates
- Supports store-and-forward architecture with fragment and CRC error package filtering
- Supports IEEE 802.3az Energy Efficient Ethernet
- Support 8K MAC address table & 9KB jumbo frame
- Designed with fan-less quiet operation & 19-inch rack-mountable metal case
- Plug and play, no installation required

APPLICATION DIAGRAM



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TECHNICAL SPECIFICATIONS

Hardware	
Ports	24 RJ-45 10/100/1000Base-T RJ45 ports 2 SFP slots
Transmission Method	Store and forward
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5e UTP/STP
Led Indicators	Per port: Link/Act Per unit: Power
Power Input	100-240V AC, 50-60 Hz
Power Consumption	24W (Max)
Dimensions (L x W x H)	441 x 131 x 44 mm
Weight	1.96KG
Performance	
Switching Capacity	48Gbps
MAC Address	8K
Buffer Memory	512KB
Jumbo Frames (Bytes)	9K
Filtering/Forwarding Rates	1000Mbps port - 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps
Environment	
Temperature	Operating: 0 ~ 40°C Storage: -40 ~ 70°C
Humidity (Non-condensing)	Operating: 10 ~ 90% Storage: 5 ~ 90%
Standards Compliance	
Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet IEEE 802.3z 1000BaseSX/LX IEEE 802.3x Full-duplex and flow control IEEE 802.3az Energy efficient Ethernet
Certifications	FCC Class A, CE

HARDWARE INTERFACE

