

24-Port Gigabit Rackmount Switch

Gigabit Speeds: Take Your Data to the Next Level

GSW-2457 is a 24-port Gigabit Ethernet Switch that gives you a high-performance, low-cost, easy-to-use, seamless upgrade to boost your network to 1000Mbps. Increase the speed of your network backbone to a massive 48Gbps and bring lightning fast Gigabit connections to all your computers.

Bandwidth hungry? Not a problem.

What happens when you have several users accessing multimedia applications all at the same time? No need to worry as GSW-2457 allows you to move large files faster and easier. Transfer your CGI, CAD, video, or other large multimedia files over the network instantly and without lag.

Standards-based

GSW-2457 features a non-blocking switching architecture that forwards and filters packets at full wire-speed for maximum throughput. With MAC address auto-learning and auto-aging, IEEE802.3x flow control for full-duplex mode and backpressure for half-duplex mode, you have powerful features sending your data throughout the network.

Plug and Play, Flexible and Easy

GSW-2457 is plug-and-play so no configuration is required. Providing auto MDI/MDI-X cable detection on all ports eliminates the need for crossover cables or Uplink ports. Each port can be used as general ports or Uplink ports, and any port can be simply plugged into a server, a hub, a router or a switch, using a straight cable or crossover cable. Diagnostic LEDs which display link status and activity, allowing you to quickly detect and correct problems on the network.



GSW-2457



Front View



Back View

Key Features

- 24-Port Combo Ethernet Switch for high-performance Office networks
- Large 48G switching bandwidth
- Supports Auto-negotiation and Auto-MDI/MDI-X on all ports
- Supports full-duplex IEEE 802.3x flow control
- Store-and-forward switching architecture
- Complies with IEEE 802.3, 802.3u and 802.3ab, standards
- Wire-speed packet filtering and forwarding rate
- 8K MAC Address and 256KB buffer memory
- 19-inch rack-mountable

Technical Specification

Network Interface

Standard Compliance

IEEE 802.3 10Base-T Ethernet
IEEE 802.3u 100Base-TX Ethernet
IEEE 802.3ab 1000Base-T Ethernet
IEEE 802.3x Flow control and Back Pressure

Network Connectivity

10/100/1000T: 24x RJ-45 with Auto MDI/MDI-X

NWay Protocol Support

1000Mbps: Full/Half Duplex

Switch Architecture

Store and Forward architecture
Back-plane: 48 Gbps

Mac Address

8K MAC address table

Physical Specifications

Power Supply

100 ~ 240V AC/50~60Hz Internal Power

LED

Power, Link/Activity

Operating Environment

Temperature: 0°C ~ 40°C
Humidity: 10% ~ 90% (Non-condensing)
Storage: -40°C ~ 70°C

Dimensions

440mm (W) x 180mm (D) x 44mm (H)

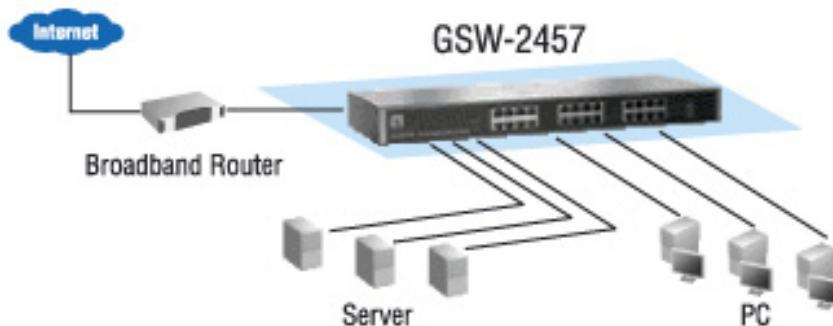
Certification

FCC Class A, CE

Package Contents

- GSW-2457 Gigabit Ethernet Switch
- Power Cord
- Rack-mount kit
- User Manual

Product Diagram



Ordering Information

GSW-2457: 24-Port Gigabit Ethernet Switch