



### Gigabit Speed

The LevelOne 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 Gigabit speeds all the way to your computers.

### Control Your Network

With an 8K MAC address table, the GSW-2457 has no problems remembering where to send the data packets. Also featuring IEEE 802.3x flow control and IEEE 802.1p Quality of Service functions so you have greater control over your networks. The switch also supports Auto MDI/MDI-X cable detection on all ports to eliminate the need for crossover or Uplink ports for an easy plug-and-play installation.

1. Power LED
2. LED Indicators
3. 10/100/1000Mbps RJ-45 Port
4. Power Socket

### Rack Mountable

This 19 inch rack mountable switch with internal power is ideal for the professional office environment.

## INFORMATIONS PRODUITS

### KEY FEATURES

- 10K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- IEEE 802.3X flow control protects against lost packets for reliable data transmission
- QoS control for traffic prioritization and bandwidth management
- Internal power supply
- 19-inch rackmount kit included

### WORKS WELL WITH



## TECHNICAL SPECIFICATIONS

### Standards

IEEE 802.1p class of service, priority protocols  
IEEE 802.3 10-BASE-T (Ethernet)  
IEEE 802.3u 100-BASE-TX (Fast Ethernet)  
IEEE 802.3ab 1000BASE-T (Gigabit Ethernet)  
IEEE 802.3X Flow Control (full-duplex flow control)

### Features

MAC Address: 8K Buffer Memory: 512KB  
Transmission Method: Store-and-Forward Backplane: 48Gbps  
Jumbo Frame: 10KB

### Filtering/Forwarding Rates

1000Mbps port-1488,000pps 100Mbps port-148,000pps  
10Mbps port-14,880pps

### Transmission Media

10Base T Cat. 3, 4, 5 UTP/STP  
100Base TX Cat. 5 UTP/STP  
1000Base TX Cat. 5e/6/7 UTP/STP

### Network Interface

24 × 10/100/1000Mbps RJ-45 Ports

### LED Indicators

Power, Link / Act, 1000Mbps

### Power Input

100-240V AC, 50-60 Hz, 0.6A Internal Power Supply

### Power Consumption

18.6W

### Dimensions (L x W x H)

440 × 180 × 44 mm

### Weight

1.7kg

### Temperature

Operating: 0°C ~ 45 °C

Storage: -40°C ~ 70°C

### Humidity

Operating: 10% ~ 90% (Non-condensing)

Storage: 10% ~ 90% (Non-condensing)

### Certifications

FCC, CE

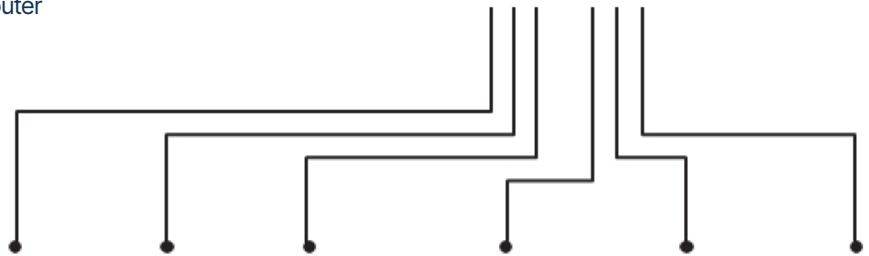
## PRODUCT DIAGRAM



Internet



Broadband Router



### Order Information

GSW-2457: 24-Port Gigabit Ethernet Switch

### Package Contents

GSW-2457 Rackmount kit Power Cord  
Quick Installation Guide



Server



Server



Server



PC



PC



PC