GSW-0807 Version: 5



8-Port Gigabit Ethernet Switch

The LevelOne GSW-0807 Gigabit Ethernet Switch is designed for reliable high-performance networking. With its non-blocking switching fabric in full-duplex mode, this switch can deliver up to 2000Mbps per port, while the Store-and-Forward service brings low latency and error-free packet delivery. This highperformance Gigabit Ethernet switch is perfect for fulfilling the demands of online gaming and multimedia streaming. Moreover, this switch also supports IEEE 802.3az Energy Efficient Ethernet which helps reduce power consumption.

Power Saving Features

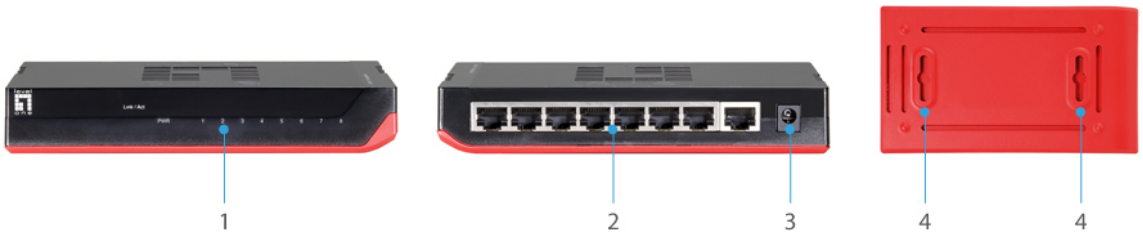
The GSW-0807 supports IEEE 802.3az Energy Efficient Ethernet to provide power-saving benefits without compromising performance. One of the ways it does this is by automatically detecting the length of connected cables and can adjust power usage by saving energy on shorter cable connections.

Compact and Stylish Design

The stylish, compact wall-mountable housing of GSW-0807 fits any working environment. It comes with 8 10/100/1000Mbps ports to meet SOHO and home network expansion needs.

Easy to Use

The GSW-0807 features plug-and-play for easy installation. No configuration is required. Autonegotiation on each port senses the link speed of a network device and adjusts for compatibility and optimal performance.



1. LED Indicators
2. 10/100/100Mbps RJ-45 Ports
3. External Power Socket
4. Wall-Mountable

Key Features

- 8 Gigabit Ethernet ports
- 1000Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates

- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Provides wall or desktop mounting
- Quick and easy installation
-
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)

Specifications

System Specifications

Standards & Protocols:
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3ab 1000-BASE-T, Gigabit Ethernet
IEEE 802.3x Flow Control (full-duplex flow control)
IEEE 802.3az Energy Efficient Technology

Buffer Memory:
1024KB

Connectors and Cabling:
8 x 10/100/1000Base-T RJ-45 Port

Indicator:
Power; Link/Active

Transmission Method:
Store-and-Forward

Power:
Power Consumption: < 3W
Power Input: DC 5V, 1A, External Power Adapter

Performance

Backplane (Gbps):
16Gbps

MAC Address Table:
8K

Packet Forwarding Rate:
1000Mbps port - 1,488,000pps
100Mbps port - 148,000pps
10Mbps port - 14,880pps

Jumbo Frame (K):
9K

Environment

Power Saving:
IEEE 802.3az Energy Efficient Technology: Active Link Detection; Cable Length Detection; Sleep Mode

Temperature (°C):
Operating: 0°C ~ 40°C
Storage: - 40°C ~ 70°C

Humidity (Non-condensing):
Storage: 5% ~ 90%
Operating: 10% ~ 90%

Deployment:
Desktop and wall-mountable

Physical Specifications

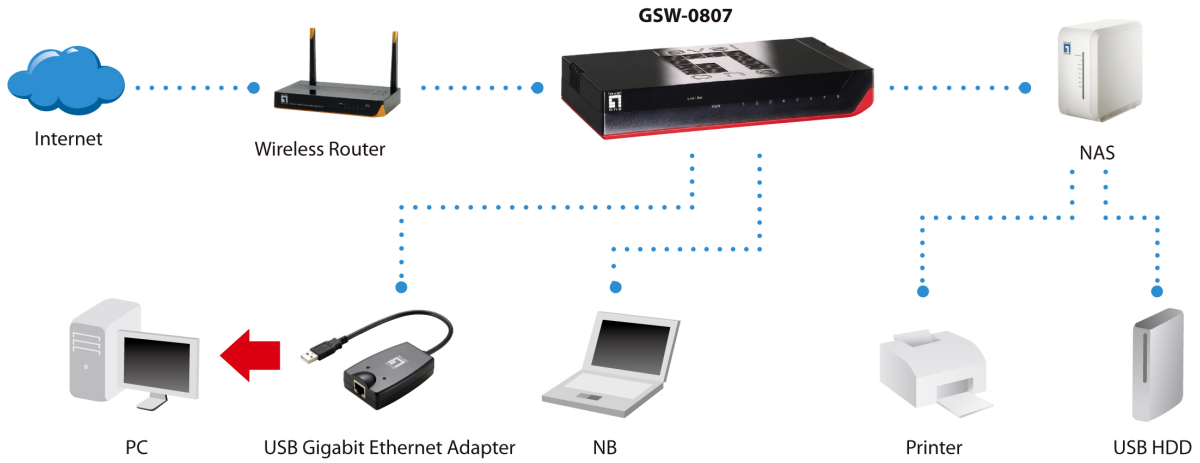
Dimensions (W x D x H mm):
149.5 x 89 x 27 mm

Weight (g):
192g

Others

Approval and Compliance:
CE, RoHS, FCC

Diagram



Order Information

GSW-0807

Package Contents

GSW-0807
Power Adapter
Quick Installation Guide

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