

8-Port Gigabit Ethernet Switch



GSW-0807

H/W Version: 2

Product Overview

LevelOne's GSW-0807 is a high-performance 10/100/1000 Mbps Gigabit Ethernet switch with 8 Gigabit Ethernet ports. It provides a robust 16 Gbps backplane so users can utilize a Gigabit LAN network without bandwidth limitations. GSW-0807 is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications.

It is 1000BASE-T compliant and supports full- and half duplex auto-detection modes. It further supports MDI/MDI-X auto crossover and IEEE802.3x flow control.

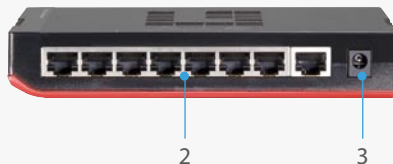
Save Power With LevelOne Green Technology

Active Link Detection: A LevelOne Green device can tell if there is activity on each individual LAN port. If an

8-port switch only has 6 active devices connected to it, power is saved because no traffic is routed to the 2 inactive ports.

Cable Length Detection: The switch is able to detect the distance of the connected device and adjusts its power accordingly. For example, if you have a LevelOne Green switch a computer connected to a 10-meter cable will consume less power than a computer connected to a 100-meter cable.

Sleep Mode: The device will enter sleep/standby mode when the connected devices are powered down and no active links are detected. This helps save energy consumption during extended periods of network inactivity, such as nights, weekends and holidays.



- 1. LEDs
- 2. 10/100/1000 Mbps
- 3. External power socket

Key Features

- Compact size 8-port Gigabit Network Switch
- Supports MDI/MDI-X auto crossover
- Supports half-duplex and full-duplex auto-detection
- Provides wire-speed packet filtering and data forwarding
- Supports back-pressure and flow control
- Features Store-and-Forwarding architecture
- Supports 8k MAC address entries, 144KB buffer memory and 9K Jumbo frame rate
- Extensive LED indicators for network diagnostics
- Save up to 84% power compare to non Green Switch with similiar functions

Works well with



GNC-0105T
32-bit Gigabit Ethernet PCI Adapter



USB-0201
USB Gigabit Ethernet Adapter

Technical Specifications

Standard Compliance

Compliant

IEEE802.3
IEEE802.3u
IEEE802.3ab
IEEE802.3x

Network Interface

Ports

8x 10/100/1000Mbps RJ-45 switching ports

Uplink

Auto MDI/MDI-X (Auto crossover)

Network Speeds

10/100/1000Mbps
Full/Half duplex mode auto detection

MAC Address

8K MAC entries

Buffer Memory

144K bytes

Jumbo Frame

9K

Physical Specifications

LEDs

Power, Link/Activity

Operating Temperature

0°C ~ 40°C

Operating Humidity

10% ~ 90% (non-condensing)

Dimensions

160 X 90 X 29 (mm)

Power Supply

External power 12VDC, 1A

Certification

CE
FCC Class A

LevelOne Green

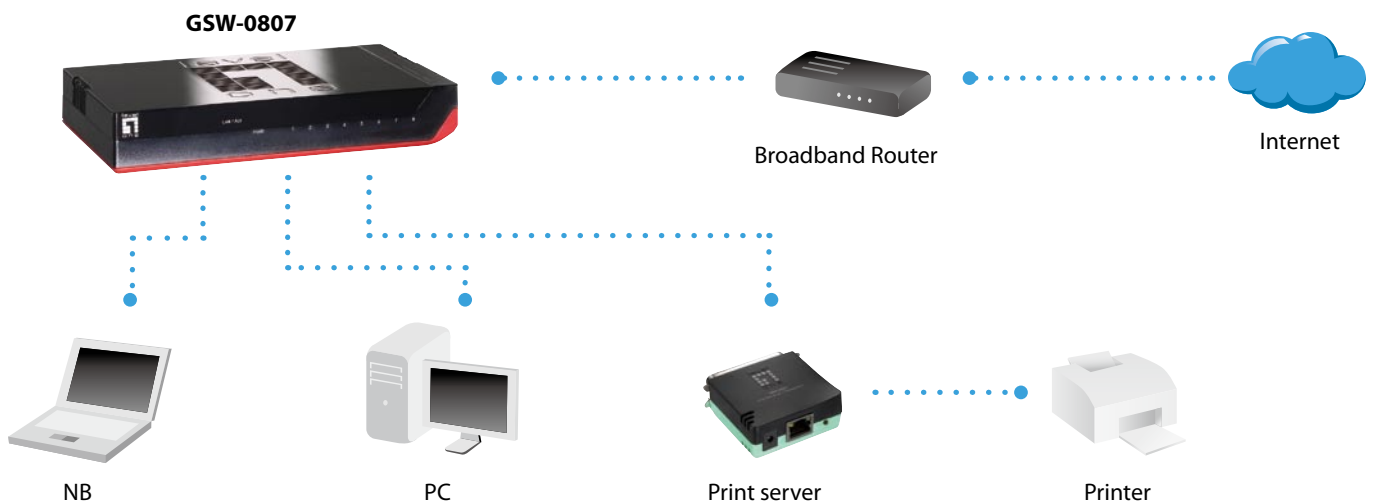
Power Consumption with 8 x 100 meters Cable Connected

6.96W

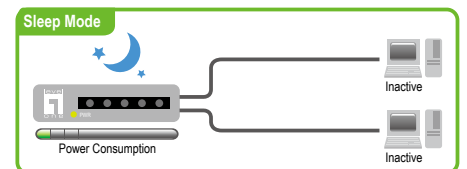
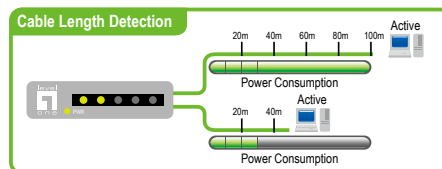
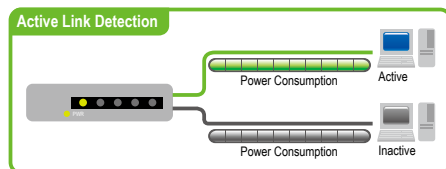
GSW-0807 Base Power Consumption (No Cables are Connected)

0.6W

Product Diagram



Power Saving by



Order Information

GSW-0807: 8-Port Gigabit Ethernet Switch

Package Contents

GSW-0807, Power Adapter, User Manual, Wall-Mounting Kit