

# 8-Port Gigabit Switch w/ Internal Power



GSW-0809

H/W Version: 1

### Gigabit Speeds, the next generation

GSW-0809 is the newest addition to the LevelOne series of Gigabit switches for the home and office. It transfers all of your files at blazing fast speeds! This is a great solution for users that want to maximize bandwidth-hungry applications with no lag or delay. Maximize all the triple play service to your home or office and take advantage of fast broadband access, Internet data, and VoIP to each connected computer. All 8-ports follow the IEEE standards of auto-negotiation and can transmit traffic in half and full duplex modes.

### Internal Power

With a built-in power supply, GSW-0809 is simple to install and use. No bulky adapters will hang on the wall and get in the way of your other electronic devices. Keep your desktop and computer area free from the clutter of cords!

### 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. Internal power socket

### Key Features

- Plug-and-Play no configuration required
- Internal power supply
- Easy installation and maintenance
- Slim and compact design to save space
- Save up to 83% power compare to non Green Switch with similar functions

### Works well with



**GNC-0105T**  
Gigabit Ethernet PCI Card



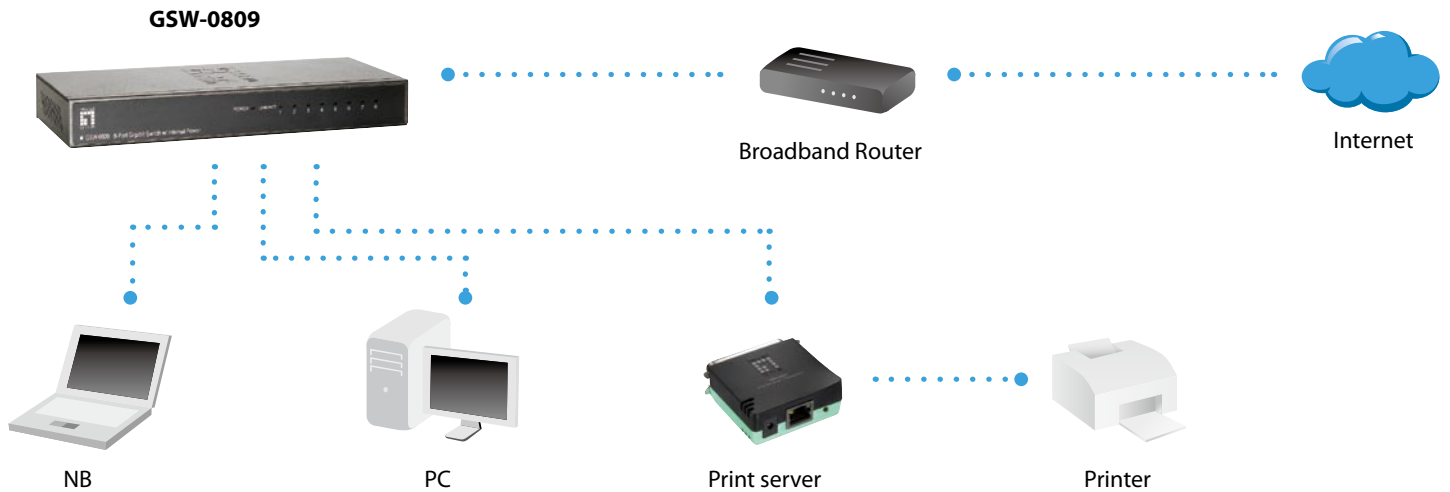
**USB-0201**  
USB 2.0 to Gigabit Ethernet Adapter

## Technical Specifications

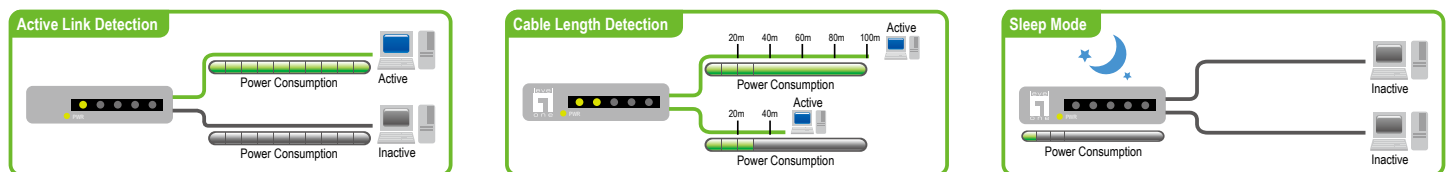
<b>Standard Compliance</b>
<b>Compliant</b> IEEE 802.3 , IEEE 802.3u, IEEE 802.3ab and IEEE802.3X
<b>Network Interface</b>
<b>Ports</b> 8 x 10/100/1000 Mbps NWay RJ-45 ports
<b>NWay Protocol Support</b> 10 Mbps: Full/Half duplex 100 Mbps: Full/Half duplex 1000 Mbps: Full duplex only
<b>Buffer Memory</b> 128 Kbytes
<b>MAC Address Database</b> 4,000
<b>Backplane</b> 16 Gbps
<b>Filtering/Forwarding Rate</b> 10 Mbps: 14,880 packets / sec 100 Mbps: 148,800 packets / sec 1000 Mbps: 1488,000 packets / sec
<b>Physical Specifications</b>
<b>LED Indicators</b> System: Power Port: Link/Act

<b>Jumbo Frame</b> 9KB
<b>Operating Temperature</b> 0°C- 40°C (32°F- 104°F)
<b>Operating Humidity</b> 10% ~ 90% (non-condensing)
<b>Dimensions (L x W x H)</b> 194 x 85 x 25 mm
<b>Power Supply</b> Internal Power 100-240V AC, 5V/2A
<b>Certification</b> FCC Class B, CE VCCI
<b>LevelOne Green</b>
<b>Power Consumption with 8 x 100 meters Cable Connected</b> 6.15W
<b>GSW-0809 Base Power Consumption (No Cables are Connected)</b> 1W

## Product Diagram



## Power Saving by



## Order Information

**GSW-0809:** 8-Port Gigabit Switch w/ Internal Power

## Package Contents

GSW-0809, Power Cord, User's Manual