5-Port Gigabit Switch w/ Internal Power

GSW-0509

H/W Version: 1

Gigabit Speeds, the next generation

GSW-0509 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 5-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-0509 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
2
3

1. LEDs
2. 10/100/1000 Mbps
3. Internel 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 79% power compare to non Green Switch with similiar functions

Works well with
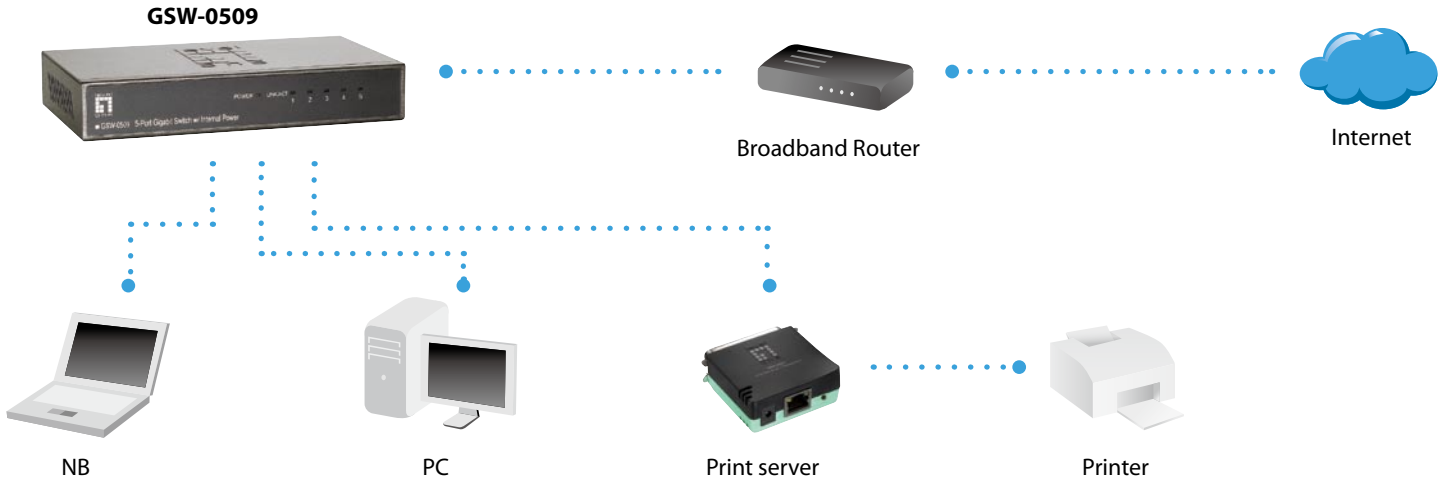
GNC-0105T
Gigabit Ethernet PCI Card

USB-0201
USB 2.0 to Gigabit Ethernet Adapter
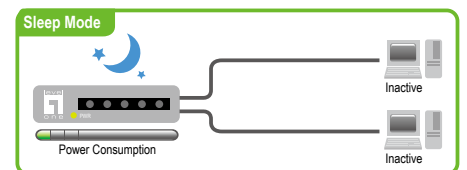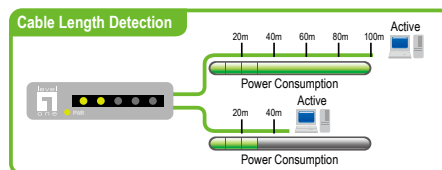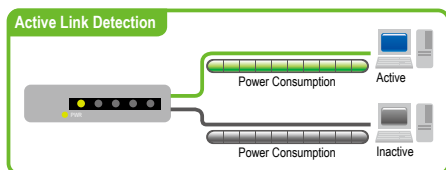
Technical Specifications

Standard Compliance

Compliant

IEEE 802.3 , IEEE 802.3u, IEEE 802.3ab and IEEE802.3X

Network Interface

Ports

5 x 10/100/1000 Mbps NWay RJ-45 ports

NWay Protocol Support

10 Mbps: Full/Half duplex

100 Mbps: Full/Half duplex

1000 Mbps: Full duplex only

Buffer Memory

104 Kbytes

MAC Address Database

1,000

Backplane

10 Gbps

Filtering/Forwarding Rate

10 Mbps: 14,880 packets / sec

100 Mbps: 148,800 packets / sec

1000 Mbps: 1488,000 packets / sec

Physical Specifications

LED Indicators

System: Power

Port: Link/Act

Jambo Frame

9KB

Operating Temperature

0°C- 40°C (32°F – 104°F)

Operating Humidity

10% ~ 90% (non-condensing)

Dimensions (L x W x H)

150 x 85 x 25 mm

Power Supply

Internal Power 100-240V AC, 5V/2A

Certification

FCC Class B, CE VCCI

LevelOne Green

Power Consumption with 5 x 100 meters Cable Connected

3.15W

GSW-0509 Base Power Consumption (No Cables are Connected)

0.65W

Product Diagram

GSW-0509

Broadband Router

Internet

NB

PC

Print server

Printer

Power Saving by

Active Link Detection

Cable Length Detection

Sleep Mode

Order Information

GSW-0509: 5-Port Gigabit Switch w/ Internal Power

Package Contents

GSW-0509, Power Cord, User's Manual