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**1. What is the Linksys LGS108P Switch?**

The **Linksys LGS108P** is a 8-Port Gigabit PoE Switch. This unmanaged switch offers a quick and easy solution to extend your office network with a plug-and-play installation. It is also useful in transferring data across a local network at up to Gigabit speeds.

**2. What is PoE?**

**Power over Ethernet (PoE)** is a technology that enables an Ethernet network cable to deliver both data and power.

**3. What kind of devices can be connected to the switch?**

You can connect the following devices to your LGS108P switch:

- Computers
- Routers
- Switches
- Network Printers
- Other network devices

**4. What should I do when my computer cannot connect to the Internet while connected to the switch?**

Follow the steps provided below to resolve this issue:

- Verify if LEDs are properly lit on the switch.

**System LED** - Blue

**Link/Act/GB** - Green (1000 Mbps)-Amber (10/100 Mbps)

**PoE Max** - Amber

**PoE** - Green

- Power down all devices and power ON the switch first. Next, power ON the computer.

**NOTE:** Only routers or modems with **DHCP capabilities** can allow sharing of Internet connection between computers.

**5. What is the advantage of having a switch when it comes to data transfer?**

The switch acts as a repeater which regenerates data signals as they pass through it. This feature acts as a safeguard to deter data loss and ensure that transmissions arrive securely at their destinations. Moreover, a switch is capable of intelligent filtering of data based on source and destination as compared to the repeater which can only regenerate the signal without checking its recipients.

**6. What is the maximum PoE power budget for each PoE switch?**

The Linksys LGS108P has **50 W** dedicated PoE power budget for the entire switch.

**7. What are the protocols supported by the LGS108P?**

The Linksys LGS108P switch is compliant with IEEE 802.3, 802.3u, 802.3x, 802.3ab, and 802.3az standards.

#### **8. Can I wall-mount my switch?**

Yes, the Linksys LGS108P can be wall-mounted.

#### **9. What should I do if my switch experiences excessive data collisions?**

Verify that your network cabling is securely crimped and installed properly.

#### **10. Is my switch capable of Jumbo Frame Support?**

Yes. The Linksys LGS108P supports Jumbo Frames.

#### **11. Can I use a switch to share Internet connection to all computers in the network?**

No. The switch is not capable of sharing Internet connection across the network. However, what it does is that it allows more computers to be connected to a local network.

**NOTE:** Only routers or modems with **DHCP capabilities** can allow sharing of Internet connection between computers.

#### **12. Which ports on my PoE switch can I plug in a PoE device?**

You can plug the PoE device to the switch's four (4) Ports (1-4).

#### **13. How is port PoE prioritization done?**

The switch has a feature called **PoE prioritization** where power is provided based on port priority for PoE devices connected to the PoE ports. This follows the criteria below:

- a. Port ID1 has higher priority.
- b. The higher the Port ID, the lower the priority.
- c. Rebooting the switch reprioritizes PoE per port.

**NOTE:** This is only applicable for those ports that have a PoE device connected to it.

An example is if all three (3) PoE devices have maxed out the power budget on the switch. When a fourth PoE device connects, since it exceeds the power budget, the connection is declined and Port 4 will not provide power to a PoE device. However unplugging Port 1 will then provide power to Port 4 for the PoE device connected to it.

**QUICK TIP:** If the device is a non-PoE device this behavior does not apply.

If the PoE device is reconnected back to Port 1, Port 1 remains OFF. In order to restore power to Port 1 for the PoE device either unplug PoE device from Port 4 or reboot the switch. Rebooting the switch prioritizes PoE for each port all over again.

#### **14. What is the warranty period for the Linksys LGS108P?**

Linksys LGS108P has limited lifetime warranty.

#### **15. What are the supported PoE standards?**

The switch only supports IEEE 802.3af and IEEE 802.3at. Any PoE devices not supporting these standards will not be powered ON by the switch.

#### **16. My PoE device is not powering ON, what should I do?**

If your PoE device is not powering ON, do the following:

- Verify with the vendor if it supports IEEE 802.3af and IEEE 802.3at. The switch only supports these PoE standards.
- Make sure your PoE device is connected to a PoE port.
- If you have several PoE devices already connected to the switch, you may have exceeded the power budget of the switch.

