



**GS-1008PH**

## 8-Port Gigabit Ethernet Switch With 4 PoE+ Ports

### Description

The GS-1008PH is an 8-port 10/100/1000BASE switch with 4 PoE ports, designed for use in small or medium sized network environments. This product is compact in size, making it ideal for users with limited space. It also gives users the option of installing it in a 19" cabinet with rack-mount kits or underneath a desk.

### Complies with IEEE 802.3at Power over Ethernet (PoE)

The GS-1008PH features 4 IEEE 802.3at Power over Ethernet (PoE) ports, which supply up to 30 watts of power per port. It can convert standard 100-240V AC power into low-voltage DC, which runs over existing LAN cables to supply power to IEEE 802.3at compliant network accessories. The GS-1008PH also features PoE detection, to verify whether the connected device is IEEE 802.3at compliant; if it is not a PoE device, only data will be sent through the LAN cable. The GS-1008PH can connect with a variety of PoE products, including access points, IP cameras and IP phones. It is the best solution for when power outlets are difficult to install or the power outlets are too far from the device.

### No Special Networking Cable Required

The standard Cat-5 Ethernet cable is used to link the GS-1008PH and the powered devices. This Ethernet cable can transmit both data and power. No separate power cable is needed for the powered devices, thus reducing installation time and costs.

### Fan-Less Design

Since the fan-less design ensures quiet operation in small office spaces, the GS-1008PH is an ideal solution for SOHO environments.

## FEATURES & TECHNICAL SPECIFICATIONS

- Complies with IEEE 802.3, 802.3u, 802.3x, 802.3af, and 802.3at standards
- Supplies 48V DC with 30W output per port (80W total power budget)
- Automatically detects power devices (PD) and power consumption levels
- Supports auto fault detection (over/under current & voltage)
- Supports IEEE 802.3az Energy Efficient Ethernet

Standards	Features	Filtering / Forwarding Rates
<ul style="list-style-type: none"> <li>• IEEE 802.3 10BASE-T</li> <li>• IEEE 802.3u 100BASE-TX</li> <li>• IEEE 802.3ab 1000BASE-T</li> <li>• IEEE 802.3af/802.3at PoE</li> <li>• IEEE 802.3x Flow Control</li> <li>• IEEE 802.3az Energy Efficient Ethernet</li> </ul>	<ul style="list-style-type: none"> <li>• RJ-45 Ports: 8</li> <li>• PoE Ports: 4</li> <li>• MAC Address: 8K</li> <li>• Buffer Memory: 128K</li> <li>• Jumbo Frames: 9K</li> <li>• Transmission Method: Store and Forward</li> </ul>	<ul style="list-style-type: none"> <li>• 100Mbps port – 1,488,000pps</li> <li>• 100Mbps Port – 148,800pps</li> <li>• 10Mbps Port – 14,880pps</li> </ul>
Transmission Media	LED Indicators	Power Requirement
<ul style="list-style-type: none"> <li>• 10BASE-T Cat. 3, 4, 5 UTP/STP</li> <li>• 100BASE-TX Cat. 5 UTP/STP</li> <li>• 1000BASE-T Cat. 5E UTP/STP</li> </ul>	<ul style="list-style-type: none"> <li>• Power: Green LED</li> <li>• LNK/ACT: Green LED (Port 1 - Port 8)</li> <li>• PoE: Green LED (Port 1 - Port 4)</li> </ul>	<ul style="list-style-type: none"> <li>• 100 to 240V AC, 50/60Hz</li> <li>• Consumes 5 Watts (Max)</li> </ul>
PoE Power Budget	Dimensions	Weight
<ul style="list-style-type: none"> <li>• 75W</li> <li>• PoE Ports Full Load: 30W x 2P = 60W 15.4W x 4P = 61.6W</li> </ul>	<ul style="list-style-type: none"> <li>• 266 x 184 x 44 (L x W x H)</li> </ul>	<ul style="list-style-type: none"> <li>• 1.35 kg</li> </ul>
Temperature	Humidity	Certifications
<ul style="list-style-type: none"> <li>• Operating: 0 to 50°C</li> <li>• Storage: -40 to 70°C</li> </ul>	<ul style="list-style-type: none"> <li>• Operating: 10 to 90% RH (Non-condensing)</li> </ul>	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC Class B</li> </ul>

