GS-1008PHE

8-Port Gigabit Ethernet Switch With 4 PoE Ports

The GS-1008PHE is an 8-port Gigabit Ethernet switch with 4 PoE (Power over Ethernet) ports, designed for use in home, small or medium sized network environments. It is easily to connect and supplies power to any PoE-enabled devices such as wireless access points, network cameras, IP phones as well as the other Ethernet-enabled devices , for example, computers, printers, and network attached storages (NAS) onto the some network. The device's compact size and fan-less design makes the GS-1008PHE ideal for home and small business easily to expand the network.

Power over Ethernet (PoE) Auto Detection
The GS-1008PHE features 4 IEEE 802.3af Power over Ethernet (PoE) ports, port 1to port 4, which supply up to 15.4 watts of power per port to IEEE 802.3af compliant network devices, including wireless access points, network cameras and IP phones. The GS-1008PHE also features PoE detection, to verify whether the connected device is IEEE 802.3at compliant and supply power as needed; if it is not a PoE device, only data will be sent through the LAN cable.

Plug & Play, No Installation And Special Cable Required
The GS-1008PHE is with no configuration required. Just easily plug the Ethernet or PoE enabled devices into port 1 to port 4 of the GS-1008PHE switch, the data and power can be transmitted through the existing standard Cat-5e Ethernet cables with no additional cost for special cables.

Flexible Network Deployment And Cost Saving
The GS-1008PHE PoE switch is the best solution for when power outlets are difficult to install or the power outlets are too far from the device. The GS-1008PHE also supports IEEE 802.3az Energy Efficient Ethernet, allows for less power consumption during periods of low data activity.

Fan-Less Quiet And Compact Design
The GS-1008PHE is with fan-less design ensures quiet operation and compact size without tacking too many desk space for home or small office environments.

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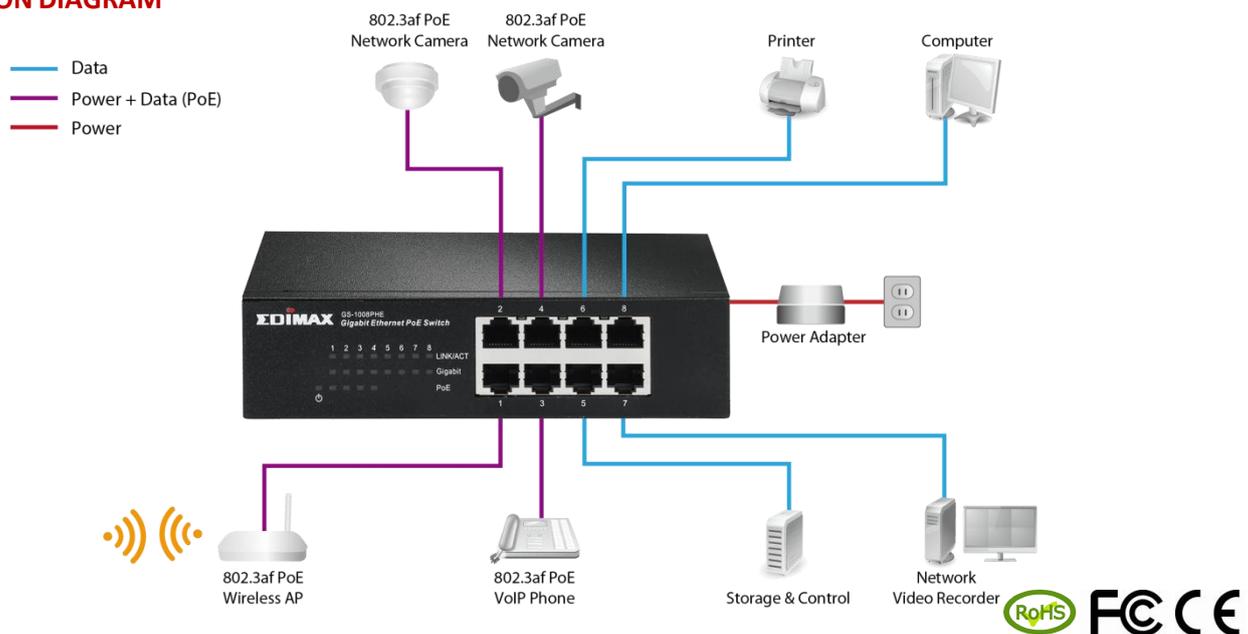
GS-1008PHE

FEATURES

- Complies with IEEE 802.3, 802.3u, 802.3ab, 802.3x, and 802.3af standards
- Supplies 48V DC with up to 15.4W output per PoE port (port 1 to port 4)
- Automatically detects powered devices (PD) and power consumption levels
- Supports IEEE 802.3az Energy Efficient Ethernet
- Supports IEEE 802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode
- Includes an external power adapter

TECHNICAL SPECIFICATIONS

Standards	Features	Filtering / Forwarding Rates
✳IEEE 802.3 10BASE-T ✳IEEE 802.3u 100BASE-TX ✳IEEE 802.3ab 1000BASE-T ✳IEEE 802.3af PoE ✳IEEE 802.3x Flow Control ✳IEEE 802.3az Energy Efficient Ethernet	✳RJ-45 Ports: 8 ✳PoE Ports: 4 ✳MAC Address: 1K ✳Buffer Memory: 128K ✳Jumbo Frames: 9K ✳Transmission Method: Store and Forward	✳1000Mbps Port – 1,488,000pps ✳100Mbps Port - 148,800pps ✳10Mbps Port - 14,880pps

Transmission Media	LED Indicators	Power Requirement
✳10BASE-T Cat. 3, 4, 5 UTP/STP ✳100BASE-TX Cat. 5 UTP/STP ✳1000BASE-T Cat. 5e UTP/STP	✳Power: Green LED ✳LNK/ACT: Green LED (Port 1 - Port 8) ✳Gigabit: Green LED (Port 1- Port 8) ✳PoE: Green LED (Port 1 – Port 4)	✳100 to 240V AC, 48V/1A (external power adapter)

Power Budget	Temperature	Humidity
✳Total Power Budget: 48W ✳PoE Power Budge: Up to 43W	✳Operating: 0 to 50℃ ✳Storage: -40 to 70℃	✳Operating: 10 to 90% RH (Non-condensing)

Dimensions	Weight	Certifications
✳165 x 118 x 38mm (L x W x H)	✳0.55kg	✳CE ✳FCC Class B

APPLICATION DIAGRAM