GS-1008PL

8-Port Gigabit Ethernet PoE+ Switch

The GS-1008PL is an 8-port Gigabit Ethernet switch with 8 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 also comes with a rack-mount kits allows to install in a 19" cabinet, and fan-less design makes the GS-1008PL ideal for home and small business easily to expand the network.

Power over Ethernet (PoE) Auto Detection
The GS-1008PL features 8 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 Ethernet cables to supply power to IEEE 802.3at compliant network devices, including wireless access points, network cameras and IP phones. The GS-1008PL 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 Ethernet cable.

Plug & Play, No Installation And Special Cable Required
The GS-1008PL is with no configuration required. Just easily plug the Ethernet or PoE enabled devices into any ports of the GS-1008PL 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 metal case design including an additional rack-mount kit for a 19" cabinet installation makes the GS-1008PL be flexibility placed on desk and 19" cabinet and reduces the installation time and costs. It is the best solution for when power outlets are difficult to install or the power outlets are too far from the device. Moreover, the GS-1008PL 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-1008PL is with fan-less design ensures quiet operation and compact size without tacking too many desk space for home or small office environments.
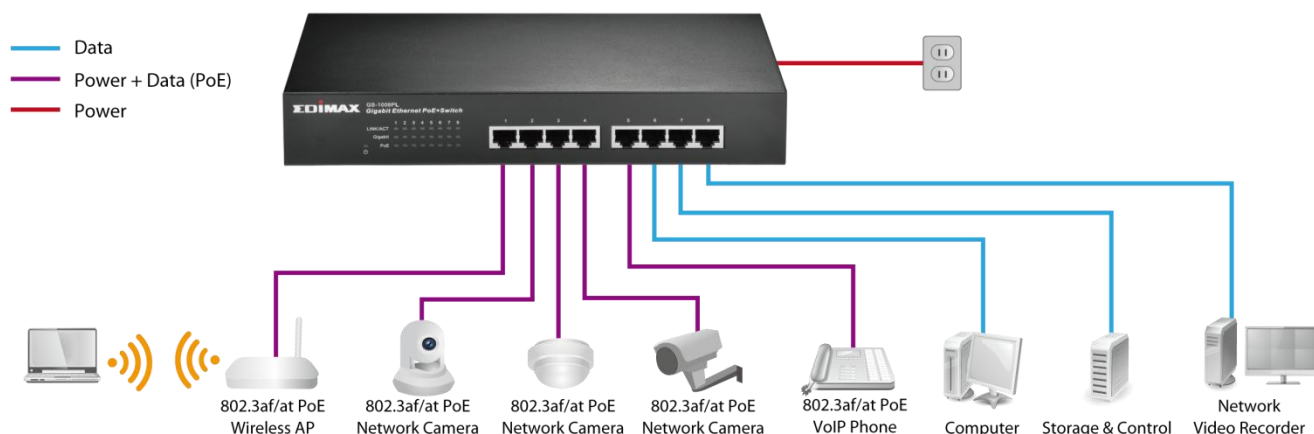
8-Port Fast Ethernet PoE+ Switch

GS-1008PL

FEATURES

- Complies with IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.3af, and 802.3at standards
- Supplies 48V DC with up to 30W output per port
- Automatically detects Powered Devices (PDs) 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

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/802.3at PoE IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet	RJ-45 Ports: 8 PoE Ports: 8 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 8)	100 to 240V AC, 50/60Hz Consumes 5 Watts (Max. no PD connected)

Power Budget	Temperature	Humidity
Total Power Budget: 80W PoE Power Budget: Up to 75W	Operating: 0 to 50℃ Storage: -40 to 70℃	Operating: 10 to 90% RH (Non-condensing)

Dimensions	Weight	Certifications
265 x 184 x 44mm (L x W x H)	1.43kg	CE FCC Class B

APPLICATION DIAGRAM

Legend:
- Data
- Power + Data (PoE)
- Power

802.3af/at PoE Wireless AP · 802.3af/at PoE Network Camera · 802.3af/at PoE Network Camera · 802.3af/at PoE Network Camera · 802.3af/at PoE VoIP Phone · Computer · Storage & Control · Network Video Recorder

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