



8-Port Gigabit PoE Switch



GEP-0821

H/W Version: 1

Product Overview

The LevelOne GEP-0821 is a high-performance 10/100/1000Mbps Gigabit Ethernet PoE Switch. Each PoE Port is powered up to 15.4W. The total PoE power budget is 123.2W. The switch automatically detects IEEE802.3af compliant powered devices and provides power and data over a single cable. It's an ideal solution for office and home users to utilize a combination of PoE and non-PoE devices.

Advance Switching with PoE Function

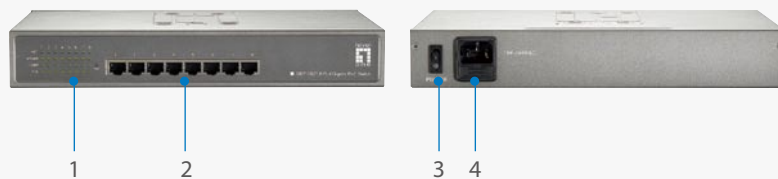
The GEP-0821 offers advance switching and provide power to network devices using Ethernet cables. This scalable and cost effective solution allows a managed network to efficiently expand to previously unattainable levels. The GEP-0821 offers the PoE technology conveniently eliminates the need to install networked devices, such as IP cameras and access points, near a power outlet, thereby reducing equipment and installation costs.

Stable and reliable network Environment

GEP-0821 enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, the GEP-0821 provide a stable and reliable packet error filtering and non-blocking packet forwarding architecture.

Easy to use

The GEP-0821 provides rack-mount and desktop options giving users their choice of deployment location. It is ideal for small business and workgroup requiring to deploy the PoE for the wireless access points, IP-based surveillance camera or IP phones in any places easily, efficiently and cost effective. For instant error detection, the GEP-0821 is equipped with LED Indicators to define problems on the network.



- 1. LED Indicators
- 2. 10/100/1000Mbps PoE RJ-45 Ports
- 3. Power On / Off Switch
- 4. Power Socket

Key Features

- Complies with IEEE 802.3af, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3x
- 8 PoE port support 15.4W power to PoE Powered Device
- Provide safe and reliable power to WLAN Access Points or Network Cameras
- Auto-detection and protection of non-standard Ethernet Terminals
- Supports 10/100/1000Mbps Base-T applications
- Auto-MDI / MDI-X detection on each RJ-45 port
- Internal power supply
- Total PoE power budget: 123.2W

Works Well With



FCS-1091
PoE Network Camera



FSW-0512
5-Port Fast Ethernet PoE PD Switch

Technical Specifications

Standard Compliance

IEEE 802.3 10-BASE-T Ethernet
 IEEE 802.3u 100-BASE-TX
 IEEE 802.3ab 1000BASE-T
 IEEE 802.3x Flow Control
 IEEE 802.3af Power over Ethernet

Hardware Specification

Ports

8 x 10/100/1000Mbps Auto-MDI / MDI-X ports with PoE injector function

Switch Processing Scheme

Store-and-Forward

Flow Control

Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex

Power over Ethernet

PoE Standard

IEEE 802.3af Power over Ethernet / PSE

PoE Power Output

Per Port 48V DC, Max. 15.4 watts (802.3af)

Power Pin Assignment

1/2(+), 3/6(-)

Power Budget

Max. 123.2 watts

Dimension (L x W x H)

280 x 185 x 44 mm

Weight

1.3kgs

Power Requirement

100-240V AC, 50-60 Hz, 2A

Temperature

Operating: 0~45 Degree C

Storage: -40~70 Degree C

Humidity

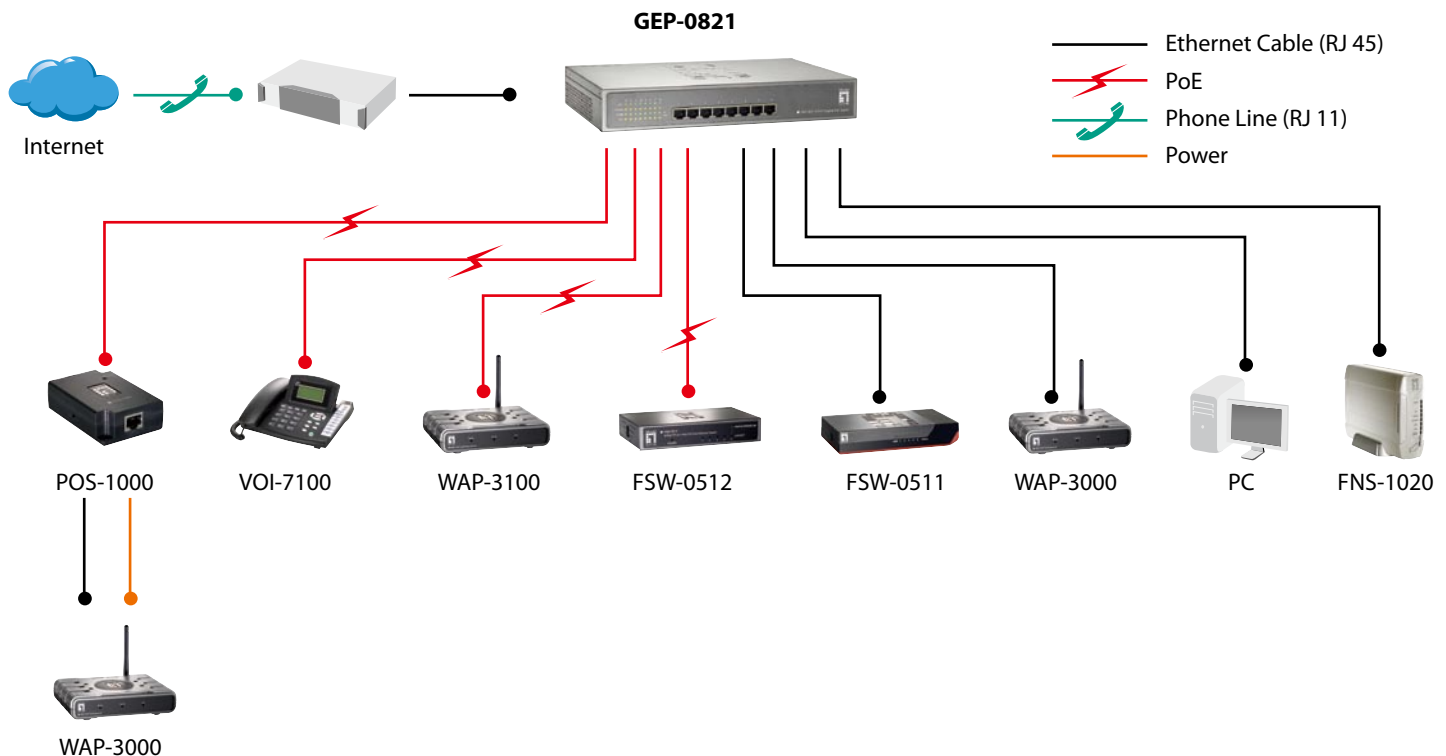
Operating: 10~90% (Non-condensing)

Storage: 10~90% (Non-condensing)

Certifications

FCC, CE

Product Diagram



Order Information

GEP-0821: 8-Port Gigabit PoE Switch

Package Contents

GEP-0821, Quick Installation Guide, Power Cord, Rack-Mount Kit, Rubber Feet x 4