



## 4GE PoE + 1GE Switch



GEP-0520 (-Z)

H/W Version: 1

### Advanced PoE Solution

The LevelOne GEP-0520 (-Z) is a high-performance 10/100/1000Mbps Gigabit PoE Switch with 4 Gigabit PoE ports + 1 Gigabit uplink port. Each PoE port is powered up to 15.4W. The total PoE power budget is 61.6W. It is an ideal solution for office and home users to utilize a combination of PoE and non-PoE devices. The switch automatically detects IEEE 802.3af compliant devices and provides power and data over a single cable.

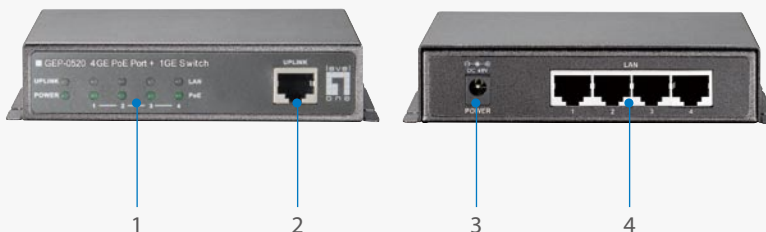
GEP-0520 (-Z) is compact in size, making it ideal for desktop users with limited space. You also have the option of installing several GEP-0520 (-Z) in a 19" chassis (POC-6000) for a large-scale rack-mount PoE Solution.

### Stable and Reliable Network Environment

GEP-0520 (-Z) enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, the GEP-0520 (-Z) provides a stable and reliable packet error filtering and non-blocking packet forwarding architecture. This device supports N-way auto-negotiation protocol which automatically detects networking speed and duplex modes.

### Easy to Use

For instant error detection, the GEP-0520 (-Z) is equipped with LED Indicators to define problems on the network.



1. LEDs
2. 10/100/1000 Mbps Uplink Port
3. External power socket
4. Gigabit PoE Ports

### Key Features

- Complies with IEEE 802.3, 802.3u, 802.3ab and 802.3af
- 5-port 10/100/1000Mbps Ethernet with 4-port PoE Switch
- Provide 5 10/100/1000Mbps auto-detect with half/full duplex switch ports
- Provides 4 PoE ports with classification identify
- Supports 15.4W Maximum per PoE port

### Works well with



#### POC-6000

8-Bay High Power PoE Chassis for FSW-0503(-Z) / FSW-0513(-Z) / GEP-0520(-Z)



#### WAP-6012

300Mbps *N\_Max* Wireless Gigabit PoE Access Point

## Technical Specifications

### Standards

IEEE 802.3: 10 BASE-T  
 IEEE 802.3u: 100 BASE-TX  
 IEEE 802.3ab: 1000 BASE-T  
 IEEE 802.3af: Power over Ethernet

### Features

MAC Address: 1K  
 Buffer Memory: 104KB  
 Transmission Method: Store and Forward  
 Backplane: 10Gbps

### Filtering/Forwarding Rates:

1000Mbps port-1488,000pps  
 100Mbps port-148,000pps  
 10Mbps port-14,880pps

### Transmission Media

10Base T Cat. 3, 4, 5 UTP/STP  
 100Base TX Cat. 5 UTP/STP  
 1000Base TX Cat. 5e/6/7 UTP/STP

### Uplink Port

1

### PoE Spec

Supports up to 15.4W for each PoE port  
 PoE power budget: 61.6W  
 PD classification identify  
 PoE over current protection  
 PoE circuit sorting protection  
 PoE power on RJ-45 pin 3,6 for power + / pin 1,2 for power -

### LED Indicators

Power, Uplink, LAN 1~4 port, PoE 1~4 port

### Power Adaptor

100~240VAC/50~60Hz External Power Adapter

### Dimensions (L x W x H)

120 x 90 x 28mm

### Weight

1.2kg

### Operating Temperature

0~50°C

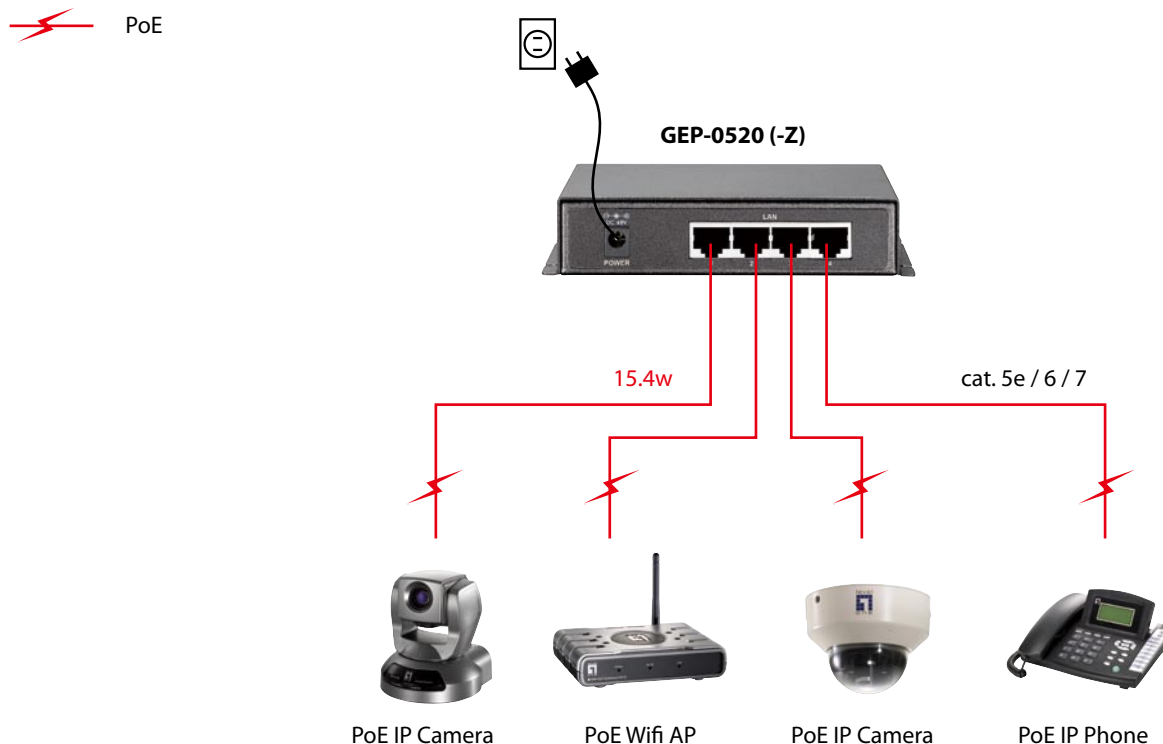
### Humidity

10~90% RH (non-condensing)

### Certifications

FCC, CE

## Product Diagram



## Order Information

**GEP-0520:** 4GE PoE + 1GE Switch

**GEP-0520-Z:** 4GE PoE + 1GE Switch (no power included)

## Package Contents

**GEP-0520:** GEP-0520 x 1, Power Adapter x 1, QIG x 1

**GEP-0520-Z:** GEP-0520 x 1, QIG x 1

## Optional Accessories



### **POC-6000**

8-Bay High Power PoE Chassis for  
FSW-0503(-Z) / FSW-0513(-Z) /  
GEP-0520(-Z)