4GE PoE + 1GE Switch



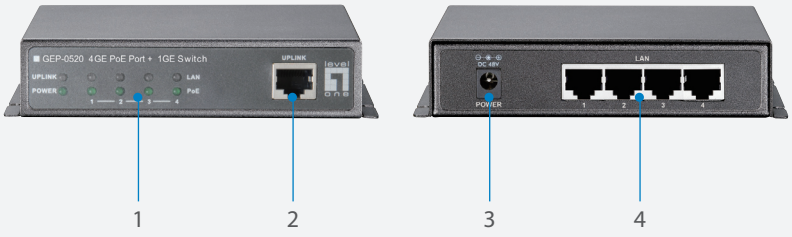
GEP-0520

H/W Version: 2

Product Overview

The LevelOne GEP-0520 provides 5 x 10/100/1000Mbps ports with IEEE 802.3af PoE supported. This switch is IEEE 802.3af compliant, and provides power and data over a single Ethernet cable to any PoE device, with total power budget of 61.6W, up to 15.4W per port. Together with Energy Efficient Ethernet (IEEE 802.3az) standard compliant, it substantially lower power consumption during periods of low-link utilization.

Moreover, supports Gigabit Ethernet connectivity with 9K jumbo frames for network performing enhancement. Ideal for small businesses that prefer an inexpensive solution for PoE deploying infrastructure.



1. LED Indicators
2. 10/100/1000Mbps RJ-45 Uplink Port
3. External power socket
4. 10/100/1000Mbps RJ-45 PoE Ports

Key Features

- IEEE 802.3af PoE compliant to simplify deployment and installation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 9K jumbo frames to increase data transfer rates
- Auto-detection and protection of non-standard PoE devices
- IEEE 802.3x flow control protects against lost packets for reliable data transmission
- Total PoE power budget: 61.6W, up to 15.4W per 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 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
IEEE 802.3az: Energy Efficient Ethernet

Features
MAC Address: 2K
Buffer Memory: 128KB
Transmission Method: Store-and-Forward
Backplane: 10Gbps
Jumbo Frame: 9K

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

Network Interface
4 x 10/100/1000Mbps RJ-45 PoE Ports
1 x 10/100/1000Mbps RJ-45 Uplink Port

PoE Spec
PoE Standard: IEEE 802.3af Power over Ethernet
PD classification identity
PoE over current protection
PoE circuit sorting protection
PoE Power Output: Per Port 48V DC, Max. 15.4 watts (802.3af)
PoE Power Budget 61.6W
Power Pin Assignment: 1/2(+), 3/6(-)

Power Consumption
65W

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

Power Input
48-56VDC / 50-60Hz External Power Adapter

Dimensions (L x W x H)
120 x 90 x 28mm

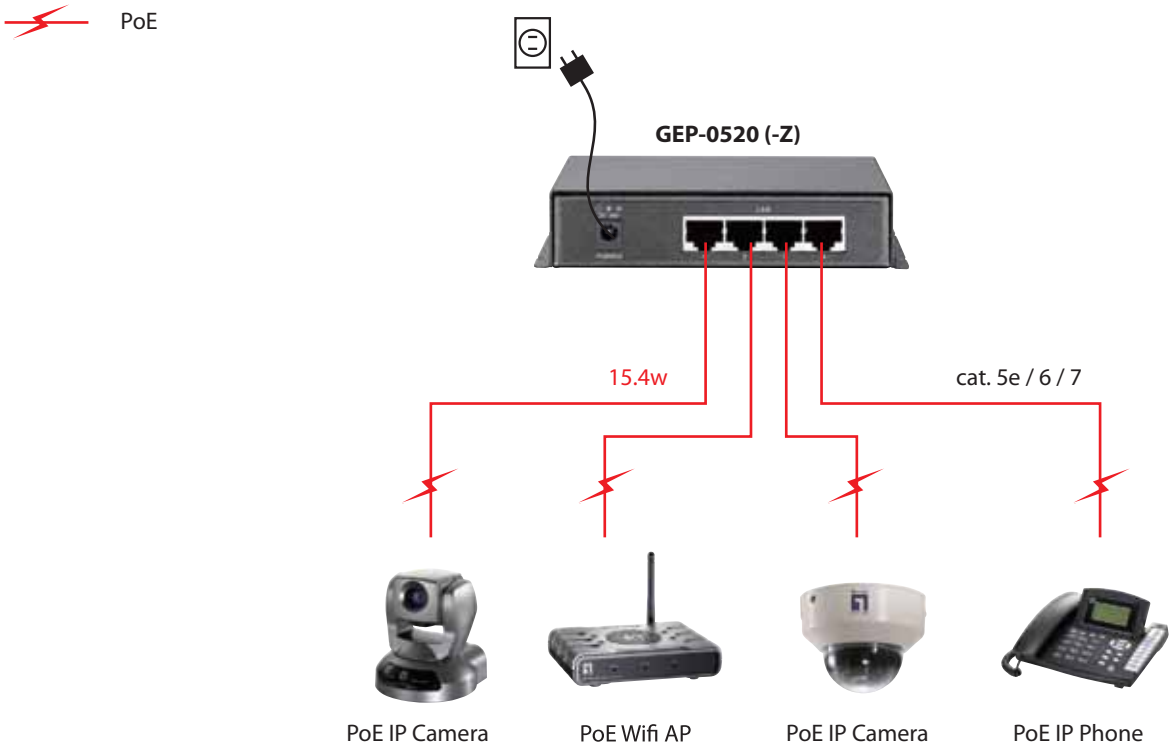
Weight
0.8kg

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

Package Contents GEP-0520, Power Adapter, Quick Installation Guide

Optional Accessories



POC-6000
8-Bay High Power PoE Chassis for
FSW-0503(-Z) / FSW-0513(-Z) /
GEP-0520(-Z)

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