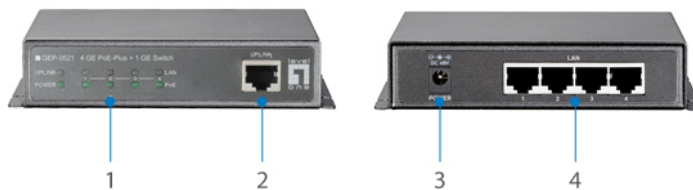


GEP-0521 Version: 1



5-Port Gigabit Ethernet PoE Switch, 120W, 802.3af/at PoE Plus, 4 PoE Ausgängen

The LevelOne GEP-0521 provides 5 x 10/100/1000Base-T PoE-Plus ports. This switch is IEEE 802.3af/at compliant, providing power and data over a single Ethernet cable to any PoE device, with total power budget of 120W, up to 30W per port. Together with Energy Efficient Ethernet (IEEE 802.3az) standard compliant, it substantially lower power consumption during periods of low-link utilization. Moreover, it supports Gigabit Ethernet connectivity with 9K jumbo frames for network performing enhancement. Ideal for small businesses that prefers 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 / at PoE kompatibel zur einfachen Verwendung und Installation
- Kabelübertragung und Empfang für 10/100/1000 MBit/s
- 9K-Jumbo-Frames für bessere Datenübertragungsraten
- Automatische Erkennung und Schutz von Nicht-Standard-PoE-Geräten
- IEEE-802.3x-Überwachung schützt vor verloren gegangenen Paketen und sorgt für zuverlässige Datenübertragung
- Gesamt-PoE-Leistung: 120 W, bis zu 30 W pro Port
- Minimiert den Stromverbrauch durch moderne Energieeffizienz (IEEE-802.3az)

Works Well With



FCS-5051

Feste Netzwerk-Kamera, 2-Megapixel, Outdoor, 802.3af PoE, Tag/Nacht, IR LEDs



Specifications

System Specifications

Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3ab 1000BASE-T, Gigabit Ethernet
IEEE 802.3x Flow Control (full-duplex flow control)
IEEE 802.3af Power over Ethernet (PoE)
IEEE 802.3at Power over Ethernet Plus (PoE+)
IEEE 802.3az Energy-Efficient Ethernet

Buffer Memory:

104KB

Connectors and Cabling:

- 4 x 10/100/1000Base-T RJ-45 PoE-Plus Ports
- 1 x 10/100/1000Base-T RJ-45 Port

Indicator:

Power; Uplink; Link/Active; PoE

Transmission Method:

Store-and-Forward

Power:

Power Consumption: 120W
Power Input: 100-240V AC, 50-60 Hz, External Power Adapter

Features

General:

Flow Control: Half Duplex - Backpressure; Full Duplex - Pause frame

PoE:

Power Budget: Max. 140W
Power Output: Up to 30W per port
Protection: Circuit protection to prevent power interference between ports
Pin Assignment: 1/2(+), 3/6(-)

Performance

Backplane (Gbps):

10Gbps

MAC Address Table:

1K

Data Transfer Rate:

10/100/1000Mbps

Packet Forwarding Rate:

1000Mbps port - 1,488,000pps
100Mbps port - 148,000pps
10Mbps port - 14,880pps

Jumbo Frame (K):

8K

Environment

Power Saving:

IEEE 802.3az Energy Efficient Ethernet:
- Automatically turns power off on RJ-45 port when detecting link down or Idle of client
- Cable length detection: Adjusts the signal strength based on the cable length
- Reduces the power consumption for cables shorter

Temperature (°C):
Operating: 0°C ~ 50°C
Storage: -20°C ~ 70°C

Humidity (Non-condensing):
Storage: 10% ~ 90%
Operating: 10 ~ 90%

Physical Specifications

Dimensions (W x D x H mm):
120 x 90 x 28 mm

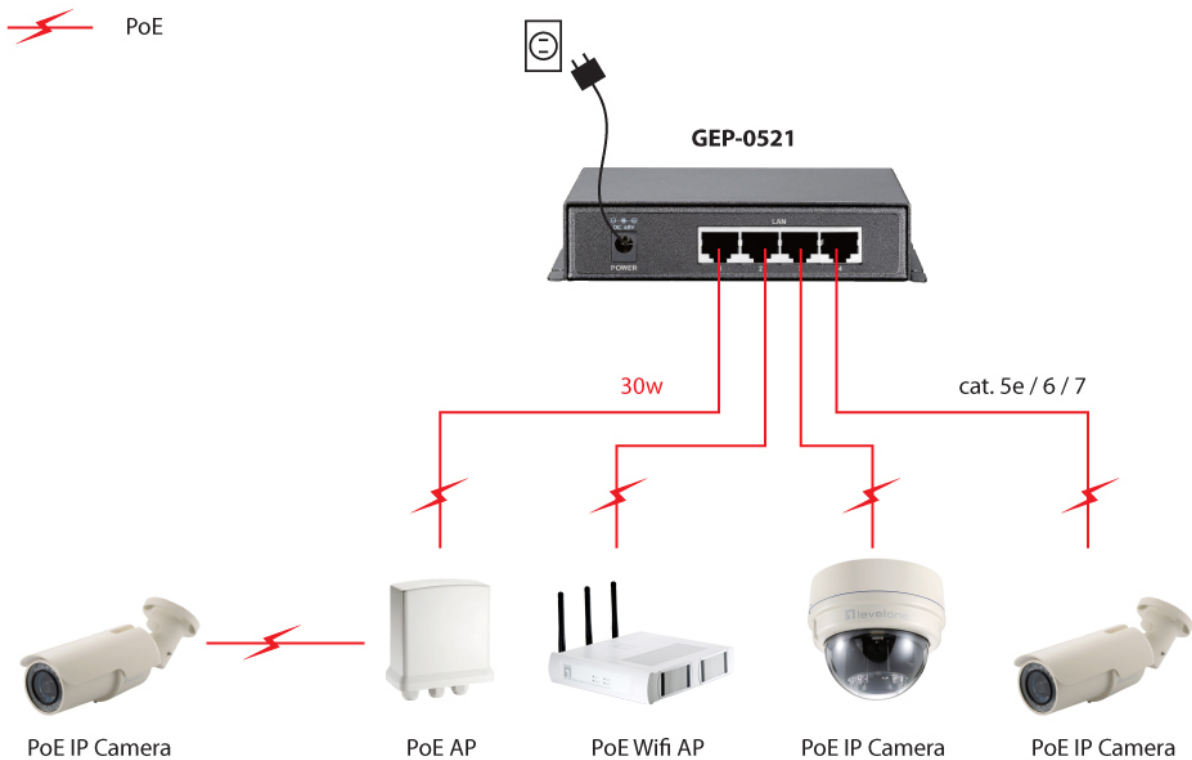
Weight (g):
1200g

Others

Approval and Compliance:
FCC Part 15 Class A, CE

Deployment:
Desktop and Chassis Mountable

Diagramm



Order Information

GEP-0521



Package Contents

GEP-0521
Netzadapter
Quick Installation Guide

Zubehör



POC-4002
8-Bay Chassis, 500W



POC-6000
8-Bay Gehäuse, 1000W

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