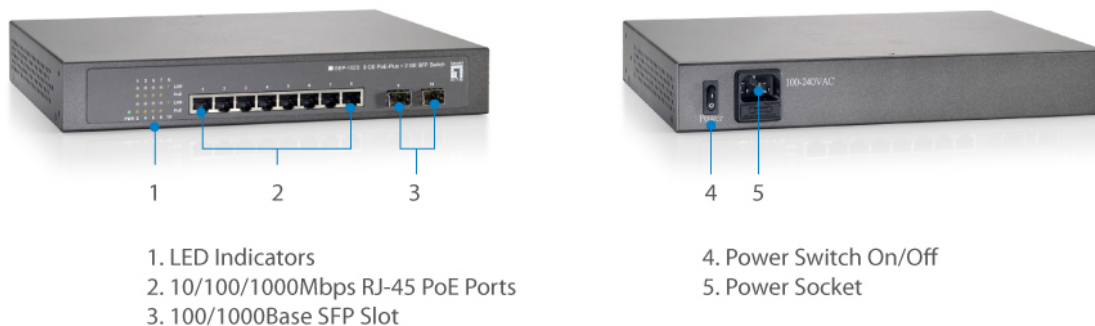


GEP-1020 Version: 1



Switch Gigabit PoE de 10 puertos, 802.3af/at PoE, 2 x SFP, 8 PoE Outputs, 150W

LevelOne GEP-1020 provides 8 x 10/100/1000Base-T PoE-Plus ports and 2 x 1000Base-X SFP (Small Form Factor Pluggable) slots. 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 150W, 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, supports Gigabit Ethernet connectivity with 9K jumbo frames for network performing enhancement. Ideal for small businesses that prefers an affordable solution for PoE deploying infrastructure.



Key Features

- 8 puertos PoE Gigabit y 2 ranuras SFP Gigabit
- Conforme con IEEE 802.3af / at PoE para simplificar la implementación y la instalación
- 9000 marcos jumbo para aumentar las velocidades de transferencia de datos
- Admite aprendizaje automático y envejecimiento automático de 8000 direcciones MAC
- Detección y protección automáticas de dispositivos PoE no convencionales
- Minimice la huella de carbono gracias a la tecnología avanzada de uso eficiente de la electricidad (IEEE 802.3az)
- Kit de montaje en bastidor de 19 pulgadas incluido
- Capacidad de alimentación PoE total: 150 W, hasta 30 W por puerto

Highlight

Eco-Conscious Design

LevelOne is always committed to providing significant energy savings products. With the implementation of the advanced energy efficiency technology (IEEE 802.3az), allowing for monitoring the link status of each port. Therefore reducing power consumption if a connected device is not active at a certain period of time. In this way, the power can be saved and utilized more effectively.



Specifications

System Specifications

Estándares:

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 de Memoria:

512KB

Puerto:

- 8 x 10/100/1000Base-T RJ-45 PoE-Plus Ports
- 2 x 100/1000Base-X SFP Slots

Indicador:

Power; Link/Active; PoE

Método de transmisión:

Store-and-Forward

Entrada de alimentación:

100-240V AC, 50-60 Hz, Internal Power Supply

El consumo de energía:

< 150W

Plano posterior (Gbps):

16Gbps

Tabla de direcciones MAC:

8K

Velocidad de datos:

10/100/1000Mbps

Ahorro de energía:

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

Temperatura de funcionamiento (° C):

Operating: 0°C ~ 40°C

Storage: -40°C ~ 70°C

Humedad de funcionamiento:

Storage: 5% ~ 90%

Operating: 5% ~ 90%

Instalación:

19-inch rack-mountable

Features

General:

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

Características de 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

Velocidad de reenvío de paquetes:

1000Mbps port - 1,488,000pps

100Mbps port - 148,000pps

10Mbps port - 14,880pps

Jumbo Frame (K):

9KB

Physical Specifications

Dimensiones (W x D x H mm):

280 x 215 x 44 mm

Peso (gramos):

2300g

Reliability

MTBF:

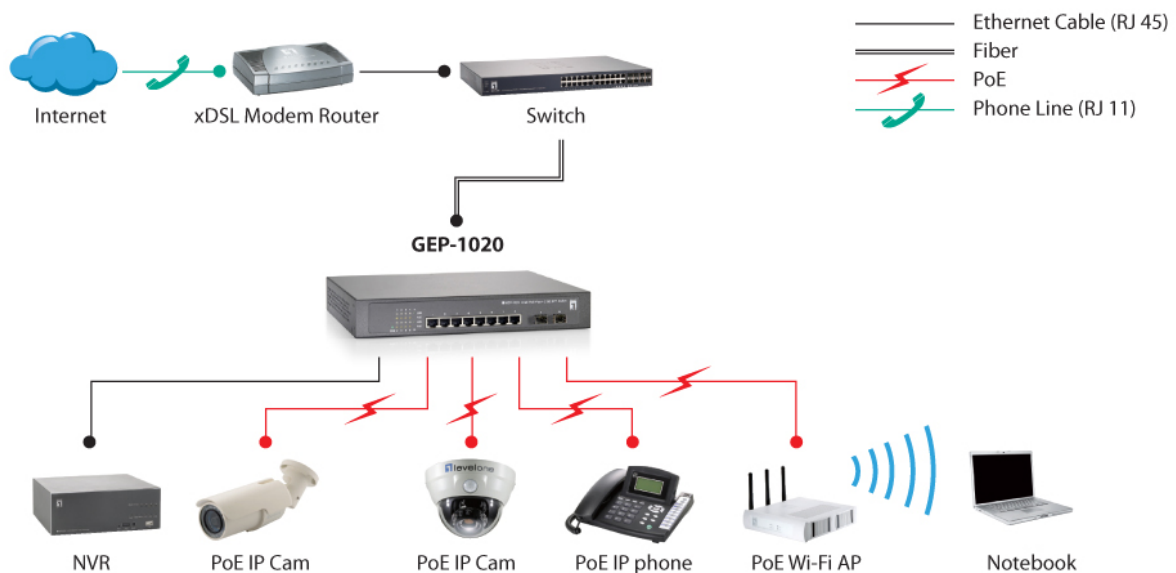
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Approval and Compliance

EMI/EMS:

FCC Part 15 Class A, CE, RoHS

Diagrama



Order Information

GEP-1020



Package Contents

GEP-1020

Power Cord

19" Rack Mount Kit

Quick Installation Guide

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