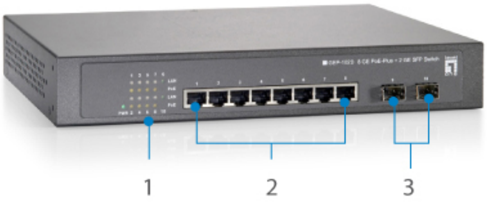
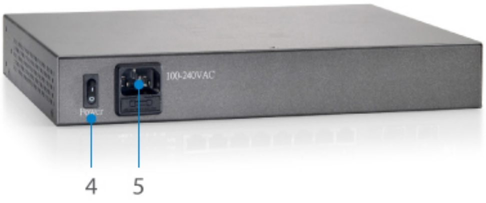
GEP-1020 하드웨어 버전: 1

8 GE PoE-Plus + 2 GE SFP 스□□, 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.



1. LED Indicators
2. 10/100/1000Mbps RJ-45 PoE Ports
3. 100/1000Base SFP Slot



4. Power Switch On/Off
5. Power Socket

Key Features

- 8 PoE-Plus Gigabit Ethernet ports and 2 Gigabit SFP slots
- 1000Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- 배치 및 설치를 간편화하기 위해 IEEE 802.3af / at PoE 플러스 준수
- 데이터 전송 속도를 증가시키는 9K 점보 프레임
- 8K MAC 주소 자동 학습 및 자동 에이징 지원
- 비표준 PoE 장치의 자동 감지 및 보호
- 신뢰성 있는 데이터 전송을 위해 IEEE 802.3x 플로우 제어가 패킷 손실을 방지
- 고급 에너지 효율 기술로 탄소 발자국을 최소화(IEEE 802.3az)
- 19 인치 랙장착 키트 포함
- 총 PoE 전원 예산: 150W, 포트당 최대 30W

Highlight

Cost Effectiveness and Enhanced Flexibility

Featuring Power over Ethernet Plus (PoE+) technology (IEEE 802.3at), which nearly doubles the power delivery comparing to the IEEE 802.3af PoE technology. Furthermore, it ensures that the power is used more efficiently due to the maximum power will only be requested when it is needed. Thus providing great cost savings by reducing power bills and eliminating the need for additional power cables and outlets.

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.

정상 □동

FCS-5061

주간/야간용 5-메가픽셀 PoE-Plus 옥외 네트워크 카메라

WAP-6013

300Mbps Wireless Access Point

제품□양

System Specifications

Buffer Memory (KB):
512KB

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

Indicator:
Power; Link/Active; PoE

Transmission Method:
Store-and-Forward

Power:
Power Consumption: < 150W
Power Input: 100-240V AC, 50-60 Hz, Internal Power Supply

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

Physical Specifications

Dimensions (W x D x H mm):
280 x 215 x 44 mm

Weight (g):
2300g

Performance

Backplane (Gbps):
16Gbps

MAC Address Table:
8K

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):
9KB

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(-)

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 ~ 40°C
Storage: -40°C ~ 70°C

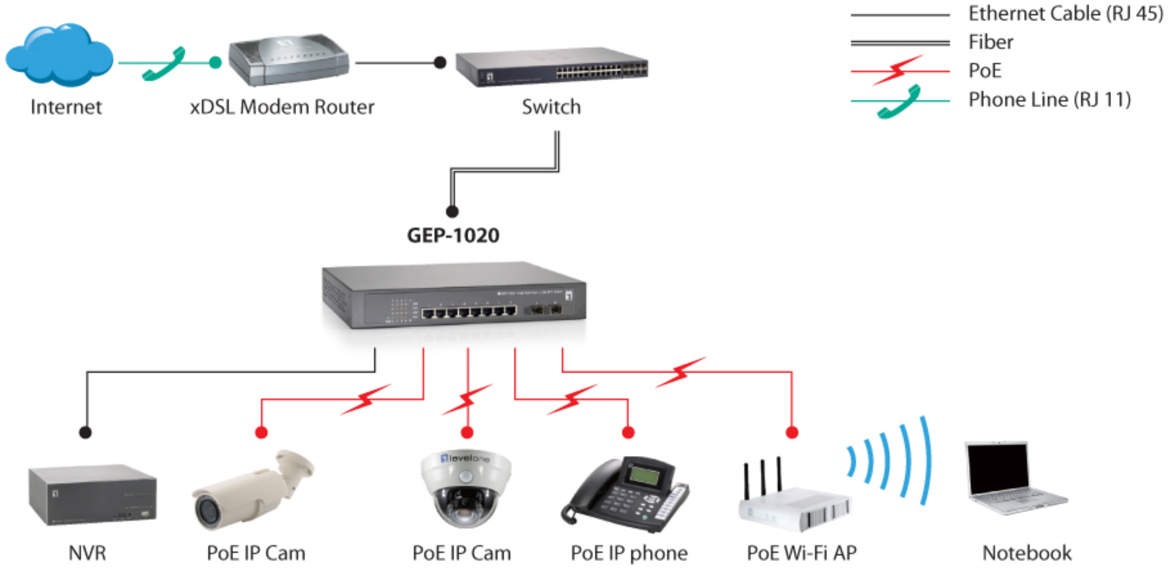
Humidity (Non-condensing):
Storage: 5% ~ 90%
Operating: 5% ~ 90%

Others

Approval and Compliance:
FCC Part 15 Class A, CE

Deployment:
19-inch rack-mountable

도표


Ethernet Cable (RJ 45)
Fiber
PoE
Phone Line (RJ 11)
Internet
xDSL Modem Router
Switch
GEP-1020
NVR
PoE IP Cam
PoE IP Cam
PoE IP phone
PoE Wi-Fi AP
Notebook

Order Information

GEP-1020

Package Contents

Power Cord
19" Rackmount Kit
Quick Installation Guide

No responsibility for any errors or omissions. All mentioned brand names are registered trademarks and property of their owners.
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.