

GEP-1622 Version: 1



16-Port-Gigabit-PoE-Switch, 802.3af/at PoE, 480W

The LevelOne GEP-1622 is a Gigabit PoE-Plus Switch with 16 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 480W, up to 30W per port. Ideal for desktops, it is also 19-inch rack-mountable, which provides convenient and flexible installation. The GEP-1622 is designed for small-to-median businesses that prefers an affordable solution for PoE deploying infrastructure.



1. LED Indicators
2. 10/100/1000Mbps RJ-45 PoE Ports
3. Power Socket
4. Power Switch

Key-features

- 16 PoE-Plus Gigabit Ethernet Ports
- 10/100/1000Mbps Übertragungsgeschwindigkeit
- IEEE-802.3af / at PoE kompatibel zur einfachen Verwendung und Installation
- Automatische Erkennung und Schutz von Nicht-Standard-PoE-Geräten
- 9K Jumbo-Frames für hohe Transferraten
- Unterstützt Auto-Learning und Auto-Aging für bis zu 8K MAC-Adressen
- IEEE-802.3x Flow-Control schützt vor Packet-Loss und sorgt für zuverlässige Datenübertragung
- Minimiert den Stromverbrauch durch moderne Energieeffizienz (IEEE-802.3az)
- 19" Metallgehäuse
- Gesamt-PoE-Leistung: 480 W, bis zu 30 W pro Port
-



Specifications

System Specifications

Standards & Protokolle:

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

Pufferspeicher:

256KB

Stecker und Verkabelung:

16 x RJ-45 10/100/1000Base-T PoE-Plus ports

Indikator:

Power; Link/Active; PoE

Übertragungsmethode:

Store-and-Forward

Leistungsaufnahme:

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

Energieverbrauch:

500W

Backplane (Gbps):

32Gbps

MAC-Adresstabelle:

8K

Datenrate:

10/100/1000Mbps

Features

Allgemein:

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

PoE:

Power Budget: Max. 480W

Power Output: Up to 30W per port

Protection: Circuit protection to prevent power interference between ports

Pin Assignment: 1/2(+), 3/6(-)

Performance

Weiterleitungsrate:

1000Mbps port - 1,488,000pps

100Mbps port - 148,000pps

10Mbps port - 14,880pps

Jumbo-Frames:

9KB

Environment

Energieeffizienz:

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

Temperatur (°C):

Operating: 0°C ~ 50°C

Storage: -40°C ~ 70°C

Luftfeuchtigkeit (nicht kondensierend):

Storage: 5% ~ 90%

Operating: 5% ~ 90%

Einsatz:

19-inch rack-mountable

Physical Specifications

Abmessungen (W x D x H mm):

480 x 200 x 44 mm

Gewicht:

3400g

Zuverlässigkeit

MTBF:

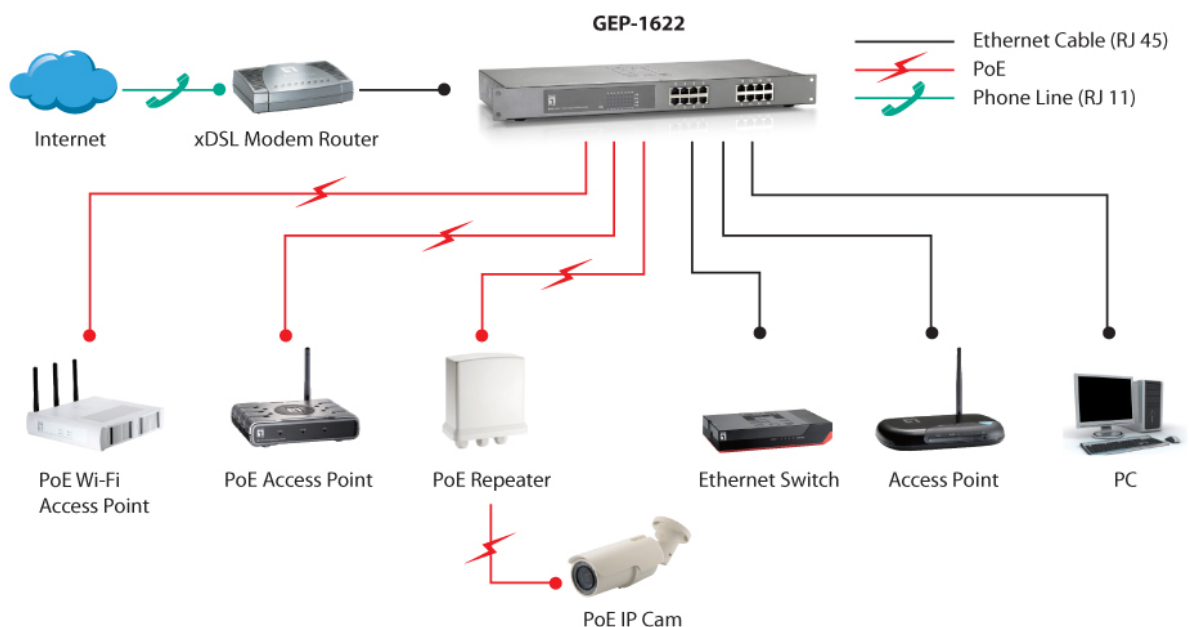
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Approval and Compliance

Zertifizierung:

FCC Part 15 Class A, CE, RoHS

Diagramm



Order Information

GEP-1622



Package Contents

GEP-1622

Stromkabel

Quick Installation Guide

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