



GEP-0523 Version: 1

Switch Gigabit PoE de 5 puertos, 802.3at/af PoE, 4 Puertos PoE, 60W

The LevelOne GEP-0523 is a Gigabit Ethernet PoE switch with a total of 5 ports, one of which is available as uplink port and 4 ports for Power over Ethernet. Per PoE port a power supply of up to 30W is possible. The total PoE power budget is 60W. It is an ideal solution when office and home users use a combination of PoE and non-PoE devices.

The GEP-0523's four PoE-enabled ports make it the ideal solution for office users using PoE-enabled devices in the workplace. This can include a mix of PoE IP phones, PoE Wifi APs and PoE IP cams. It is the perfect solution for offices that want to upgrade their office equipment and LAN infrastructure to PoE capability or upgrade with Gigabit performance. The switch automatically detects the connected IEEE 802.3at/af standard device and provides these devices with power and data over a single cable.

In addition, the GEP-0523 enables users to provide a stable and reliable high-speed LAN environment with store-and-forward switching architecture, packet error filtering and blockage-free packet forwarding. The 802.3x flow control mechanisms operate in both full and half duplex modes. This device supports the N-Way Auto Negotiation protocol, which automatically detects network speed and duplex mode.

For instant fault detection, the GEP-0523 is equipped with a full range of LEDs to help monitor and troubleshoot the network.

Key Features

- Conforme con IEEE 802.3af / at PoE para simplificar la implementación y la instalación
- Transmisión y recepción a 10/100/1000 Mbps a velocidad de cable
- Detección y protección automáticas de dispositivos PoE no convencionales
- El control de flujo IEEE 802.3x evita la pérdida de paquetes para mejorar la fiabilidad de la transmisión de datos
- Capacidad de alimentación PoE total: 60 W, hasta 30 W por puerto

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 Full-duplex Flow Control
- IEEE 802.3af Power over Ethernet (PoE)
- IEEE 802.3at Power over Ethernet Plus (PoE+)

**Buffer de Memoria:**

1M

Puerto:

4 x 10/100/1000Base-TX RJ-45 PoE 1~4 Ports

1 x 10/100/1000Base-TX RJ-45 Uplink 5 Port

Indicador:

Power, Active, 10/100/1000M, PoE

Asignación de Pines y Polaridad:

1/2(+), 3/6(-)

Método de transmisión:

Store-and-Forward

Entrada de alimentación:

52VDC @ 1.25A 65W

Salida de potencia:

< 60W

El consumo de energía:

< 5W

Plano posterior (Gbps):

10Gbps

Tabla de direcciones MAC:

8K

Velocidad de datos:

10/100/1000Mbps

Features

Características de PoE:

Power Budget: Max. 60W

PoE Standard: IEEE 802.3af/at Power over Ethernet / PSE

PD classification identity

PoE over current protection

PoE circuit sorting protection

PoE Power Output: Per Port 56V DC, Max. 15.4 watts (IEEE

802.3af) or 30 watts (IEEE 802.3at)

Performance

Jumbo Frame (K):

9126 bytes

Environment

Temperatura de funcionamiento (° C):

-20~70°C

Humedad de funcionamiento:

5%~90%

Temperatura de almacenamiento (° C):

-20~70°C

Humedad de almacenamiento:

5%~90%

Physical Specifications

Dimensiones (W x D x H mm):

110.20mm x 95.70mm x 30.00mm

Peso (gramos):

750

Reliability

MTBF:

30,000 hours

Approval and Compliance

EMI/EMS:

CE,FCC

Order Information

GEP-0523

Package Contents

GEP-0523

Quick Installation Guide

Adaptador de alimentación con cable de alimentación