



GEP-0823 Έκδοση υλικού (h/w): 1

8-Port Gigabit PoE Switch, 802.3at/af PoE, 120W

The LevelOne GEP-0823 is an 8-port Gigabit Ethernet PoE switch that provides Power over Ethernet on all eight of its ports. Per PoE port a power supply of up to 30W is possible. The total PoE power budget is 120W. It is the ideal solution when office and home users are using a combination of PoE and non-PoE devices.

The GEP-0823's eight PoE-enabled ports make it an ideal solution for office users who use PoE-enabled devices and already want to power a larger number of PoE devices. These products can be 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 their existing PoE infrastructure to Gigabit speed. The switch automatically detects the connected IEEE 802.3at/af standard device and provides these devices with power and data over a single cable.

The GEP-0823 also enables users to provide a stable and reliable high-speed LAN environment with store-and-forward switching architecture, packet error filtering and blockade-free packet forwarding. The 802.3x flow control mechanisms operate in both full and half duplex modes. This switch also supports the N-Way auto negotiation protocol, which automatically detects network speed and duplex mode.

For instant fault detection, the GEP-0823 is equipped with a complete set of LEDs to help monitor and troubleshoot the network.

Βασικά χαρακτηριστικά

- IEEE 802.3af / at PoE και συμβατό με απλοποίηση ανάπτυξης και εγκατάστασης
- Ταχύτητα μετάδοσης και λήψης καλωδίου 10/100/1000Mbps
- Αυτόματος εντοπισμός και προστασία μη τυπικών συσκευών PoE
- Ο έλεγχος ροής IEEE 802.3x παρέχει προστασία ενάντια στην απώλεια πακέτων για αξιόπιστη μετάδοση δεδομένων
- Συνολικός προϋπολογισμός ενέργειας PoE: 120W, έως και 30W ανά θύρα

Προδιαγραφές

System Specifications

Standards:

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+)
 IEEE 802.23az (Energy-Efficient Ethernet)

**Memory:**

1Mb

Buffer Memory:

1M

Port:

8 x 10/100/1000Base-TX RJ45 PoE port

Indicator:

Power, Active, 10/100/1000M

Pin Assignment and Polarity:

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

4/5(+), 7/8(-) Mode B (Optional)

Transmission Method:

Store-and-Forward

Power Input:

52VDC @ 2.5A 130W

Power Output:

<120W

Power Consumption:

<10W

Backplane (Gbps):

16G

MAC Address Table:

8K

Data Rate:

10/100/1000Mbps

Operating Temperature (°C):

-20~70°C

Operating Humidity (Non-condensing):

5%~90%

Storage Temperature (°C):

-20~75°C

Storage Humidity (Non-condensing):

5%~90%

Features

PoE:

Power Budget: Max. 120W

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

Physical Specifications

Dimensions (W x D x H mm):

170.50mm × 80.50mm × 30.00mm

Weight (g):

900

Reliability

MTBF:

30,000 hours

Approval and Compliance

EMI/EMS:

CE,FCC

Order Information

GEP-0823

Περιεχόμενα συσκευασίας

GEP-0823

Quick Installation Guide

Power adapter with power cord