

GEP-0522 Version: 1



5-Port-Gigabit-PoE-Switch, 65W, 802.3af/at PoE, 4 PoE-Ausgängen

The GEP-0522 is a 5-port 10/100/1000M Gigabit Ethernet Switch with one uplink port plus 4 ports of Power over Ethernet capability. Per PoE port is power supply up to 30W. The total PoE power budget is 65W. It is an ideal solution where office and home users utilize a combination of PoE and non-PoE enabled devices.

Four ports on the GEP-0522 are PoE enabled making it an ideal solution for most office users that have PoE enabled devices located around the office. These products can include a mixture of PoE IP Phones, PoE wifi APs and PoE IP Cam. It is the perfect answer for offices that are upgrading their office equipment and LAN infrastructure to include PoE capability. The switch automatically detects IEEE 802.3at/af standard device connected and provides power and data over a single cable to these devices.

The GEP-0522 enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, packet error filtering and non-blocking packet forwarding. The 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes. This device supports N-way auto-negotiation protocol that automatically detects networking speed and duplex modes. For instant error detection, the GEP-0522 is equipped with a full range of LEDs to help monitor and troubleshoot problems on the network.

Key-features

- IEEE-802.3af / at PoE kompatibel zur einfachen Verwendung und Installation
- 10/100/1000Mbps Übertragungsgeschwindigkeit
- 9K Jumbo-Frames für hohe Transferraten
- Automatische Erkennung und Schutz von Nicht-Standard-PoE-Geräten
- IEEE-802.3x Flow-Control schützt vor Packet-Loss und sorgt für zuverlässige Datenübertragung
- Gesamt-PoE-Leistung: 65 W, bis zu 30 W pro Port
- Internal power supply

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

**Pufferspeicher:**

128KB

Stecker und Verkabelung:

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

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

Indikator:

Power, Active, 10/100M, PoE

Übertragungsmethode:

Store-and-Forward

Leistungsaufnahme:

100-240V AC, 50-60 Hz, 2A Internal Power Supply

Energieverbrauch:

< 65W

Features

PoE:

Power Budget: Max. 65W

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)

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

Performance

MAC-Adresstabelle:

2K

Datenrate:

10/100/1000Mbps

Weiterleitungsrate:

1000Mbps port - 148,000pps

100Mbps port - 148,000pps

10Mbps port - 14,880pps

Jumbo-Frames:

9K

Environment

Temperatur (°C):

Operating: 0°C ~ 50°C

Luftfeuchtigkeit (nicht kondensierend):

Storage: 10% ~ 90%

Operating: 10% ~ 90%

Physical Specifications

Abmessungen (W x D x H mm):

160 × 122 × 44 mm

Gewicht:

800g

Order Information

GEP-0522: 65W

Package Contents

GEP-0522

Stromkabel

Quick Installation Guide

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