



GEP-1022W65 Version: 1

10-Port Gigabit PoE Switch, 8 PoE Outputs, 2 x SFP, Internal Power Supply

The GEP-1022 switch provides 8 10/100/1000M ports with 2 port SFP. It is designed for easy installation and high performance in an environment where traffic is on the network and the number of users increases continuously.

It consists of 8 PSE/PoE ports. That can solve the limitation of the power outlet location and offer the system designer a flexible solution to locate the network device everywhere.

The device size is specifically designed for medium to large workgroups. The Switch can be installed where space is limited; moreover it provides smooth network migration and easy upgrade to network capacity. The PoE switch can be rack-mount on 19" cabinet.

Key Features

- IEEE 802.3af/at PoE PSE with 30W power budget
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Internal power supply

Specifications

System Specifications

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 802.3z 1000BaseSX/LX
IEEE 802.3x Flow Control (full-duplex flow control)
IEEE 802.3af Power over Ethernet
IEEE 802.3at Power over Ethernet Plus

Buffer Memory:

1Mbit

Connectors and Cabling:

8 x 10/100/1000Mbps RJ-45 PoE Ports
2 x 10/100/1000Mbps SFP Port

**Indicator:**

Power, Uplink, LAN 1~8 port, PoE 1~8 port

Transmission Method:

10Base T Cat. 3, 4, 5 UTP/STP

100Base TX Cat. 5 UTP/STP

1000Base TX Cat. 5e/6/7 UTP/STP

Power Input:

AC Power input(100 ~240V), 50/60 Hz

Power Output:

Per Port 56VDC, Max. 30 watts (802.3at)

Power Consumption:

65W/90W/120W

Backplane (Gbps):

20Gbps

MAC Address Table:

8K

Data Transfer Rate:

10/100/1000Mbps

Features

PoE:

IEEE 802.3at/af Power over Ethernet/PSE Mode A

Performance

Packet Forwarding Rate:

10Mbps 14880pps,

100Mbps 148800pps,

1000Mbps 1488000pps

Jumbo Frame (K):

9K

Switching Capacity:

20Gbps

Environment

Temperature (°C):

Operating: 0°C ~ 40°C

Humidity (Non-condensing):

Operating: 5% ~ 90%

Physical Specifications

Dimensions (W x D x H mm):

280 x 122 x 44

Weight (g):

1200

Reliability

MTBF:

106khours (12 years)

Approval and Compliance

EMI/EMS:

EMI:

EN55032:2012+AC:2013

EN55022:2010+AC:2011

AS/NZS CISPR 22 Amdt. (2010)

EN61000-3-2:2014

EN61000-3-3:2013

EMS:

EN55024:2010

IEC61000-4-2:2008

IEC61000-4-3:2006+A1:2007+A2:2010

IEC61000-4-4:2012

IEC61000-4-5:2005

IEC61000-4-6:2013

IEC61000-4-8:2009

IEC61000-4-11:2004

Safety:

FCC Class B, CE

Order Information

GEP-1022W65

GEP-1022W90

GEP-1022W120

Package Contents

GEP-1022W65