



Switch Gigabit Websmart de 24 puertos, 16 x SFP

GEL-2461 is a 24-Port Web Smart Gigabit Switch, providing secure and intelligent edge connectivity. The device is a Layer 2 wire-speed Ethernet switch, perfect for deployments in small and medium businesses, branch offices, and for running essential business services.

GEL-2461 offers 8 x 10/100/1000M auto-negotiation ports and 16 SFP combo ports. All RJ-45 ports support auto MDI/MDI-X, with SNMP and Full/Half duplex transfer mode for 10 and 100Mbps ports as well as Full duplex transfer mode for 1000Mbps ports. Supports Jumbo frame, MAC address auto-learning and a host of other features such as security logs and detailed traffic statistics for each port.

Key Features

- IEEE 802.1d/w Spanning Tree Protocol (STP) y duplicación de puertos
- 8 puertos Gigabit Ethernet y 16 ranuras SFP Gigabit
- Admite redes VLAN basadas en puertos, etiquetado VLAN IEEE 802.1Q
- IEEE 802.3ad LACP para puerto automático
- Admite interfaz del línea de comandos (en la consola RS-232)

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 802.1p Quality of Service (QoS)
IEEE 802.1Q Virtual LANs (VLANs)
IEEE 802.1D MAC Bridges
IEEE 802.1d Standard Spanning Tree Protocol (STP)
IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
IEEE 802.3ad Link Aggregation Control Protocol (LACP)

Memoria:

32Mb

Buffer de Memoria:

4Mb

Puerto:

8 x 10/100/1000Base-T RJ-45 Ports
16 x 1000Base-X SFP Slots

**Botón / Perilla:**

Reset Button

Indicador:

Power, Link/Active

Método de transmisión:

Store-and-Forward

Entrada de alimentación:

100-240V AC, 50-60 Hz

El consumo de energía:

< 40W

Plano posterior (Gbps):

Switching Capacity: 48Gbps

Forwarding Rate: 36 Mpps

Tabla de direcciones MAC:

8K

Velocidad de datos:

10/100/1000Mbps

Temperatura de funcionamiento (° C):

Operating: 0°C ~ 45°C

Storage: -10°C ~ 70°C

Humedad de funcionamiento:

Storage: 10% ~ 90%

Operating: 10 ~ 90%

Features

General:

Quality of Service(QoS):

- Port-based priority
- Support IEEE 802.1p priority
- Support flow statistics on each port
- Support real-time display of bandwidth on each port

IEEE 802.1D/w Spanning Tree with Loopback detection, Auto edge port & BPDU filter/guard

VLAN:

- Support port-based VLAN
- Support uplink port (One port can belong to more than one VLAN)
- Support 802.1Q VLAN

Port Mirroring - user-defined mirroring port and mirrored port.

Support dynamic link aggregation LACP.

Características de seguridad:

Storm Control:

Support broadcast storm control

MAC Address Table and Security:

- Support MAC address auto learning
- Support MAC address aging
- Support MAC address statistics
- Support MAC address learning/binding
- Support MAC address table management
- Support port security control, static address table and dynamic MAC address management

Port security: static and dynamic

Filtering: Port-/MAC-/IP-based security

Port security:

- Port Flow Control, Support back pressure flow control in half duplex, Support IEEE 802.3x flow control in full

duplex

- IP filter configuration for management interface (SNMP, Telnet, Web)
- Dynamic ARP Inspection, Link detection

Características de gestión:

Support Web user interface

Support IP address modification

Support DHCP client

Support switch discover

Support password modification

Support auto log out

Support the limitation of multi-user management at the same time

Support firmware upgrade through HTTP (file-format check)

Support resetting the device to the Factory Default Settings

Support Console port

Performance

Velocidad de reenvío de paquetes:

1000Mbps port - 1,488,000pps

100Mbps port - 148,000pps

10Mbps port - 14,880pps

Jumbo Frame (K):

9K

Physical Specifications

Dimensiones (W x D x H mm):

440 × 230 × 44 mm

Peso (gramos):

3040g

Approval and Compliance

EMI/EMS:

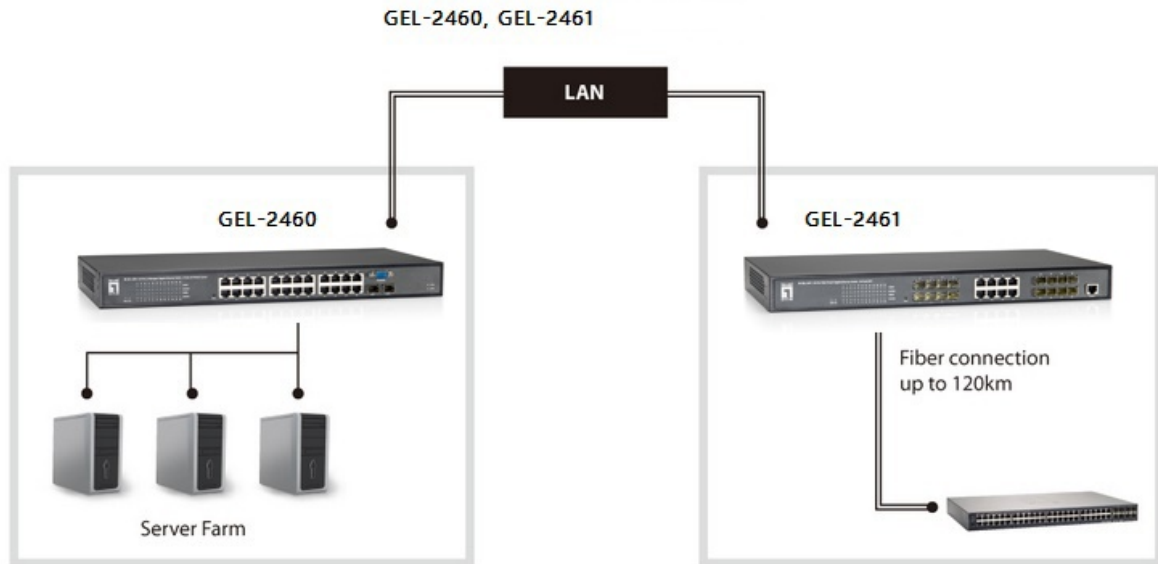
CE,FCC



Diagrama

— Ethernet Cable (RJ-45)

== Fiber



Order Information

Package Contents

GEL-2461
19" Rack Mount Kit
Power Cord
Quick Installation Guide
Resource CD (User Manual, QIG)
Console Cable

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