GEL-2681 □□□□ □□: 1



26-Port L3 Lite Managed Gigabit Switch, 2 x SFP/RJ45 Combo

GEL-2681 L3 Lite Managed Gigabit Switch is a next-generation Ethernet Switch offering full suite of L2 features, including advanced L3 features such as Static Route that delivers better cost performance and lower total cost of ownership in Enterprise networks via fiber or copper connections. GEL-2681 provides high HW performance and environment flexibility for SMBs/ Enterprises. GEL-2681 is ideal to deliver management simplicity, optimum user experience, and lower total cost of ownership. The embedded Device Managed System is designed to be extremely easy-to-use/manage/install IP Phone, IP Cam, or Wifi-AP for Enterprise Applications.

Key Features

- 24 □□ □□□□ □□□ □□ + 2 □□ □□□□ □□(RJ-45/SFP) □□
- □□□ □□□□ □□ □ □□□ □□□ □□ QoS □□
- DHCP Client/Server
- IPv6 □□□□ □□□□ □□□□ □□□
- □□ □□□ □□ □□□ □□ □□□□ □□□(IEEE 802.3az)
- □□ □□ □□□□□□□ IEEE 802.3ad LACP
- Supports VLAN (Port-based, Protocol-based, Private, Q-in-Q, Tag-based) and GVRP
- IEEE 802.1d/w/s □□ □□ □□□□(STP) □ □□ □□□

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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 1000BASE-X,Gigabit Ethernet
IEEE 802.1p Quality of Service (QoS)
IEEE 802.1X Port-based Network Access Control (PNAC)
IEEE 802.1Q Virtual LANs (VLANs)
IEEE 802.1D MAC Bridges
IEEE 802.1d Standard Spanning Tree Protocol
IEEE 802.1s Multiple Spanning Tree (MSTP)
IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
IEEE 802.3x Flow Control
IEEE 802.3ad Link Aggregation Control Protocol (LACP)
IEEE 802.3az Energy-Efficient Ethernet
Link Layer Discovery Protocol (LLDP)

Memory:
RAM : 128 MB
Flash : 32 MB

Buffer Memory:
512 KB

Connectors and Cabling:
24 (10M/100M/1G) RJ45 ports, 2 Combo GbE RJ45/SFP ports and RJ45 Console port.

Button/Knob:
Mode / Reset Button

Indicator:
System, Link/Act/Speed

Transmission Method:
Store-and-Forward

Power Input:
100-240 VAC 50~60 Hz, internal, universal

Power Output:
12 V

Power Consumption:
16.79 W

Features

General:
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 1000BASE-X,Gigabit Ethernet
IEEE 802.1p Quality of Service (QoS)
IEEE 802.1X Port-based Network Access Control (PNAC)
IEEE 802.1Q Virtual LANs (VLANs)
IEEE 802.1D MAC Bridges
IEEE 802.1d Standard Spanning Tree Protocol
IEEE 802.1s Multiple Spanning Tree (MSTP)
IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
IEEE 802.3x Flow Control
IEEE 802.3ad Link Aggregation Control Protocol (LACP)
IEEE 802.3az Energy-Efficient Ethernet
Link Layer Discovery

Security:
ACLs，L2/L3/L4
ACLs，IPv6 Support
Port Security (MAC-based)
IP Source Guard
Storm Control
RADIUS Authentication 802.1x
TACACS+ Authentication
HTTPs and SSL (Secured Web)
BPDU Guard
STP Root Guard
DHCP Snooping
Loop Protection

Management:
Switch Management:
DHCP，Client，Relay，Option 66，Option 67，Option 82
Event/Error Log，Syslog，SMTP (RFC821)
Management Access Filtering，SNMP，Web，Telnet，SSH
RMON (1,2,3 & 9 Groups)
Software Upgrade

Configuration Export/Import
Port Mirroring
LLDP (IEEE802.1AB)
LLDP-MED (IEEE802.1AB)
CDP Aware
sFlow
IPv6 Management
NTP

L3:
IPv4/IPv6 L3 static route

Ease of Use:
Firmware and Configuration: Upgrade via HTTP

Performance

Backplane (Gbps):
Switching Bandwidth: 52Gbps
Forwarding Performance : 38.7Mpps

MAC Address Table:
8K

Data Transfer Rate:
10/100/1000Mbps

Packet Forwarding Rate:
38.68 Mpps

Jumbo Frame (K):
9600

Environment

Power Saving:
IEEE 802.3az Energy Efficient Ethernet:
- Automatically turns power off on RJ-45 port when detecting link down or Idle of client
- Cable length detection: Adjusts the signal strength based on the cable length
- Reduces the power consumption for cables shorter

Temperature (°C):
Operating: 0°C ~ 45°C
Storage: -20°C ~ 70°C

Humidity (Non-condensing):
Storage: 10% ~ 90%
Operating: 10 ~ 90%

Physical Specifications

Dimensions (W x D x H mm):
442 x 211x 44 mm

Weight (g):
2600g

Reliability

MTBF:
25’C 463,931(hr)
40’C 305,837(hr)

Approval and Compliance

EMI/EMS:

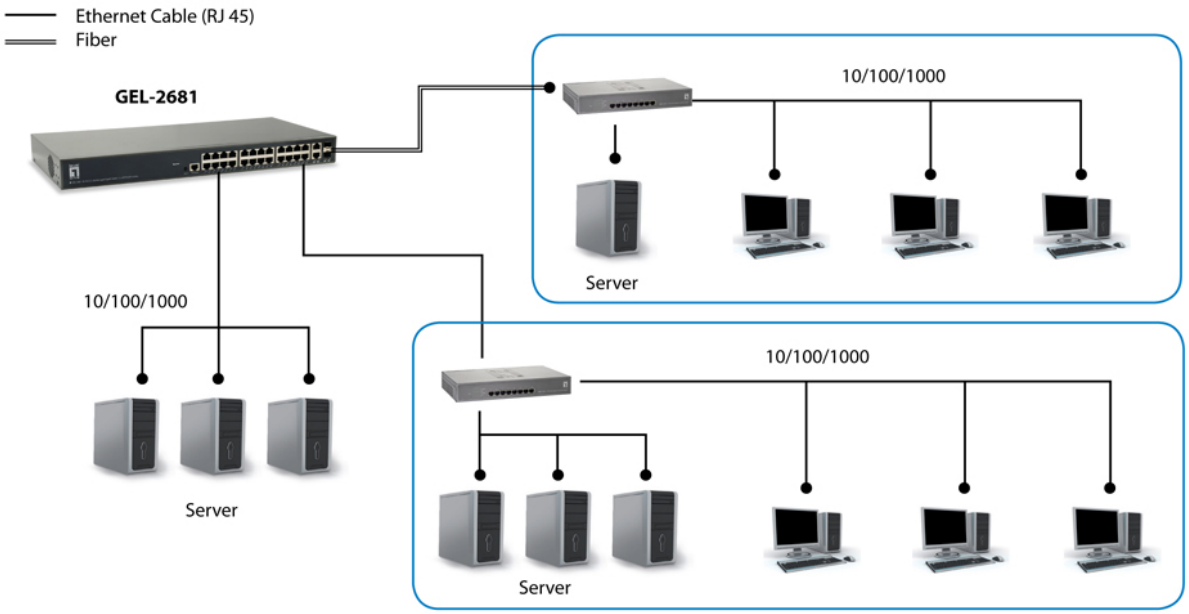
CE, FCC Part 15 Class A

Safety:

LVD

Others:

DMS



Order Information

GEL-2681

Package Contents

GEL-2681
Power Cord
Console Cable
Resource CD (User Manual, QIG)
Quick Installation Guide
19" Rackmount Kit

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