



24 FE PoE + 2GE with 2 combo SFP L2 Managed Switch



GWS-2693

H/W Version: 2

The GSW-2693 is a L2 Management switch that gives power to PoE enabled network devices through its 24 Ethernet ports with PoE capability. 2 ports are dual media ports that can accommodate optional SFP or Gigabit modules.

Flexibility

The GSW-2693 supplies PoE power (185W) to network devices such as wireless access points, VoIP phones and network cameras through its 24 PoE enabled 10/100Mbps Ethernet ports.

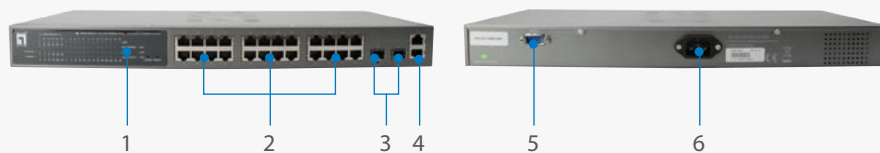
Virtual stacking increasing scalability

This switch allows to use a single IP to manage for a virtual stack up to 16 switches (GSW-0890/1291/2690/2693/2694/2496).

Powerful Features

This switch incorporates QoS, Port Mirroring and VLAN features making it one of the most useful switches in its class providing adequate support for networks on a cost-effective scale.

Port security features allow network managers to limit the number of MAC addresses per port in order to control the number of each station for each port. Static MAC addresses allow only registered machines to connect to the switch. Both these features establish an access mechanism based on user and machine identities as well as give control over the number of access stations.



1. LEDs
2. 10/100Mbps RJ-45
3. SFP (Mini-GBIC) slot
4. 10/100/1000Mbps RJ-45
5. RS-232
6. AC 100-240V 50/60Hz

Key Features

- 24-Port 10/100 Mbps and 2 Gigabit/2SFP (Mini-GBIC) slot
- Gigabit (copper/SFP) ports are compliant with IEEE802.3z and 802.3ab
- Supports virtual stack of up to 16 units of GSW-0890 /2690/2693/2494/1291/2496
- Centralized power distribution for POE powered Device (PD)
- 802.3ad MAC-based trunking with automatic link fail-over
- Supports 802.3x flow control/backpressure
- Non-Blocking full wire speed architecture
- Supports Port/Tag based VLAN
- Supports 802.1p Class of Service with 4-level priority queuing
- 19", 1U rack-mountable size

Relate Products



GSW-1291
12-Port 10/100/1000Mbps L2 SNMP
POE Stacking Switch



GSW-2690
24-Port 10/100Mbps + 2-Port
Gigabit/SFP L2 SNMP Stacking
Switch



Technical Specifications

Standards Compliance

IEEE 802.3/ IEEE 802.3u
 IEEE 802.3ab Gigabit 1000T
 IEEE 802.3z Gigabit Fiber
 IEEE 802.3x Flow Control and Back Pressure
 IEEE 802.3af Power Over Ethernet

Network Interface

24 x RJ-45 10/100Base-T ports
 2 ComboG (SFP) ports
 2 Gigabit (RJ-45) ports

Switch Fabric

8.8 Gbps

MAC Address Table

8K entries with Auto learning function

Memory

Packet Buffer: 384K bytes,

Transfer Rate

14,880 Packets per second for 10Mbps
 148,800 Packets per second for 100Mbps
 1,488,000 Packets per second for 1000Mbps

POE Spec

Supports up to 15.4 W for 12 ports or up to 7.7w for 24 ports
 PD classification identify
 PoE over current protection
 PoE circuit sorting protection
 Endpoint with 48VDC power through RJ-45 pin 1,2,3,6

L2 Feature

LACP
 - 2Fast Ethernet + 1 Gigabit Ethernet group
 - Per-group max 4 members
 - Provides DA, SA and DA+SA Mac-based trunking with automatic link fail-over

VLAN

- Supports SVL/IVL configuration
 - IEEE 802.1Q tagging and Port-based VLAN
 - Up to 256 active VLANs
 - Q-in-Q to enable Subscriber Aggregation

Port Mirroring

- Support TX, RX, TX-RX monitor mode

Rate Limit (Ingress/Egress)

- Port 1-24: 1k up to 100Mbps
 - Port 25, 26: 1k up to 1000Mbps

IGMP

- Support IGMP v1/v2 Snooping and Query function

Broadcast Storm control

- Multicast/Broadcast/Unknown-Unicast Storm suppression

Spanning Tree protocol

- IEEE 802.1D Spanning Tree protocol
 - IEEE 802.1w Spanning Tree protocol

GVRP/GARP

- 802.1q with GVRP/GARP

QoS

- Port Based (VIP Port), 802.1p, TOS and Diffserv (IPv4/IPv6) based QoS packet classification
 - Supports 4-level priority queues to prioritize in-bound and outbound traffic
 - Supports two scheduling, WRR and Strict
 - Supports priority in a Q-in-Q tag

Security Feature

- Isolated group
 - Restricted group
 - Management Access Control List
 - Static mac address
 - Supports IEEE 802.1x port based security

Virtual Stacking Management

Virtual Stacking up to 16 units of GSW-0890/2690/2693/2494/1291/2496/4896/2496/4896

Management

SNMP v1/v2c
 RMON group 1,2,3,9 (statistics, history alarm, events), MIDII (RFC1213), Bridge MIB (RFC 1493), Interface MIB (RFC2863), Extended Bridge MIB (RFC2674), Ethernet MIB (RFC1643), Enterprise MIB and private MIB
 Web management

Dimension: (L x W x H)

366mm x 442mm x 44mm

Power Supply

Internal power supply: 110~240VAC, 50/60Hz

Power Consumption

210 Watts (max)

Total Power for PoE

185 Watts

Temperature

Operating: 0°C ~50°C
 Storage: -40°C ~70°C

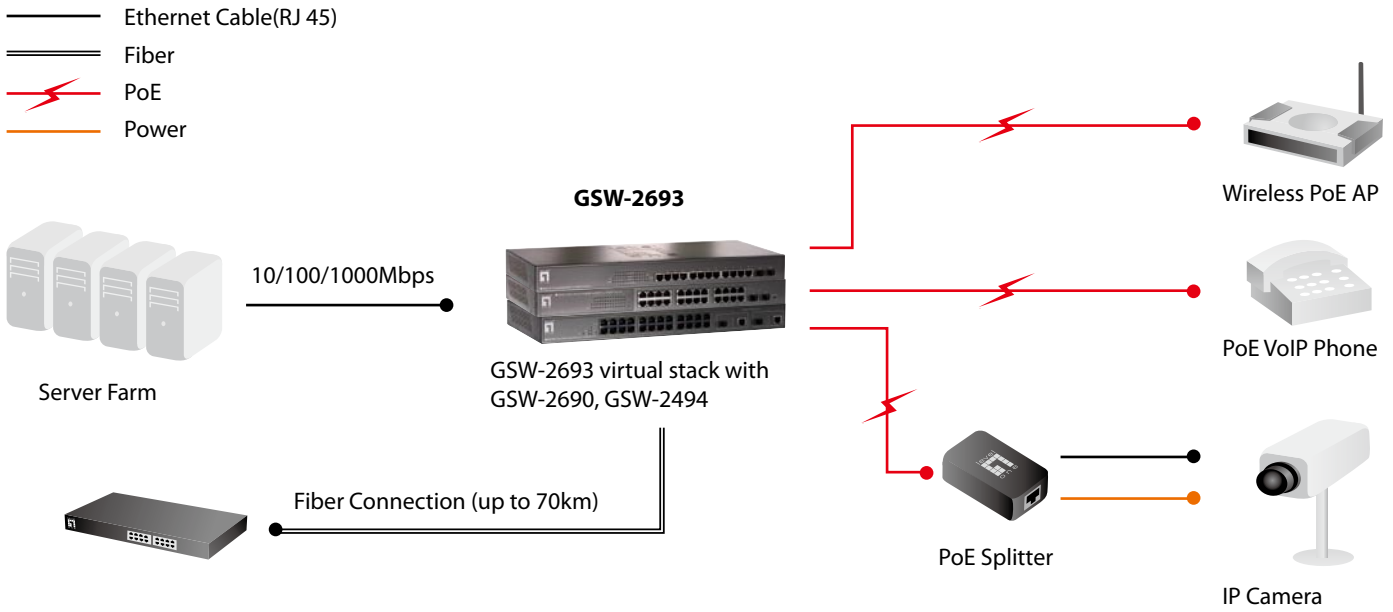
Humidity

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

EMI and Safety

FCC Class A, CE

Product Diagram



Order Information

Package Contents

GSW-2693: 24 FE PoE + 2GE with 2 combo SFP L2 Managed Switch

GSW-2693

Mounting Accessory (for 19" Rack Shelf)

RS-232 cable

Power Cord

CD User Manual

Option Accessories



GVT-0300

Mini GBIC SFP transceiver, SX
Multi-Mode (550m)



GVT-0301

Mini GBIC SFP transceiver, LX
Single-Mode (10km)



GVT-0302

Mini GBIC SFP transceiver,
ZX Single-Mode (80km)