

24 10/100Mbps+ 2G/SFP L2 SNMP Stacking Switch

The LevelOne GSW-2692 is a 24 Auto-MDI/X 10Base-T/100Base-TX port switch with 2 ComboG and 2 built-in stacking ports with the capability to connect with up to 8 stacking units.

High Performance

This switch is loaded with special network features such as VLANs, GVRP and IGMP making it easy to configure and manage the network environment it supports. It is a cost-effective solution for medium to large networks that is looking for a reliable and flexible network connection.

This switch provides high performance architecture with 12Gbps total capacity. The GVRP feature allows for automatic configuration of VLAN and IGMP snooping identifying multi-cast traffic to make efficient use of the switch's bandwidth.

Advanced stacking

The GSW-2692 allows for up to 8 stackable switches to be connected via 2 Gigabit stacking ports to create a virtual management switch.

Flexible Uplink SFP ports

The 2 SFP ports give network managers the flexibility they need with upgrading network requirements when connecting single mode and multi mode gigabit fiber optic cables to the switch.

Security and Redundancy

The port-based MAC filtering prevents unauthorized users to access the switch while the spanning tree protocol supports a loop-free network that improves fault tolerance and simplifies network configuration.

Comprehensive Manageability

The GSW-2692 can both be managed and monitored via SNMP/RMON protocol with a computer that uses network management software or via an Internet Web browser. The comprehensive LED indicators assist network managers in monitoring the switch as well as the traffic flowing through it at one glance at the LED panel located on the front of the switch.



GSW-2692

Related Products



GSW-2690

24Fast +2G/SFP L2
SNMP Stacking Switch



GSW-1291

12G L2 SNMP POE
Stacking Switch

Key Features

- 24-Port 10/100 Mbps copper ports and 2 Gigabit/2 SFP embedded
- Gigabit (copper/SFP) ports are compliant with IEEE802.3z and 802.3ab
- Supports stack of up to 8 units of GSW-2692
- MAC-based trunking with automatic link fail-over
- Supports 802.3x flow control/backpressure
- Non-Blocking full wire speed architecture
- Web-based management provides easily configuration via any web browser
- Supports Port-based VLAN and IEEE802.1Q VLAN
- Supports 802.3ad port trunking with LACP
- Supports 802.1p Class of Service with 4-level priority queuing
- "At-a-glance" LEDs for port and system status monitoring
- 19", 1U rack-mountable size

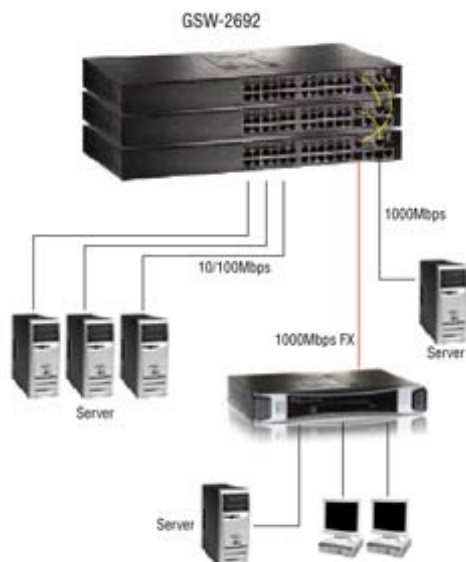
Technical Specification

- **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
- **Network Interface**
24 x RJ-45 10/100Base-T ports
2 Combo G (RJ-45/SFP) ports
2 Gigabit (RJ-45) ports
- **Switch Fabric**
12.8 Gbps
- **MAC Address Table**
8K entries with Auto learning function
- **Memory**
Packet Buffer: 4Mbits,
- **Transfer Rate**
14,880 Packets per second for 10Mbps
148,800 Packets per second for 100Mbps
1,488,000 Packets per second for 1000Mbps
- **Management**
SNMP v1/v2c/v3,
RMON group 1,2,3,9 (statistics, history alarm, events), MIDII (RFC1213),
Bridge MIB (RFC 1493), Interface MIB (RFC2863), Ether-Like MIB (RFC2674),
Extended Bridge MIB (RFC2674), and private MIB
Web management
Out band local Console Port: DB-9 RS-232 DCE
- **LEDs**
Per Device: Power, CPURUN, ACT, FDX, SPD
Per 10/100/1000Mbps Gigabit TP/Fibre: Link, FB, ACT/FDX/SPD
- **Dimension**
440mm(W) * 324mm(D) * 44mm(H)
- **Power Supply**
Internal power supply: 110~240VAC, 50/60Hz
- **Power Consumption**
35 Watts (max)
- **Temperature**
Operating: 0° C ~50° C
Storage: -40° C ~70° C
- **Humidity**
Operating: 10% ~ 90% (Non-condensing)
- **EMI and Safety**
FCC Class A, CE

Software Feature

- **L2 Feature**
Port mirroring
Link Aggregation
 - Trunk(ports)/Group: 8/4
 - Supports 802.3ad (LACP)
 - Cisco Ether-channel
 - Load balance for both Unicast and Multicast traffics
- VLAN
 - IEEE 802.1Q tagging VLAN
 - Port-based VLAN
 - Up to 255 active VLANs
 - GVRP protocol for automatic VLAN, registration and dynamic VLAN management
 - 802.1v Protocol-based VLAN
 - Private VLAN
- IGMP (v1/v2) Snooping and Query function
Broadcast Storm control
Spanning Tree protocol
 - IEEE 802.1D Spanning Tree protocol
 - IEEE 802.1w Spanning Tree protocol
 - IEEE 802.1s Per VLAN Spanning Tree
 - Proprietary per port based Fast Forwarding mode
- Jumbo Frame Support
- **QoS**
L2/L3/L4 Traffic classification/Priority Management
 - CoS by IEEE 802.1p 4 priority queues control
 - Traffic Classification/ Priority Management based on IP Precedence/TOS & DSCP/TOS
 - Support WRR for priority queues
 - Strict scheduling for priority queue
 - Rte Limiting (ingress & Egress based)
- Supports DiffServ
Supports Random Early Detection (RDE)
- **Security Feature**
RADIUS (Authentication)
TACACS+
SSL
SSH (v1.5/2.0)
Access Control List
Supports IEEE 802.1x port based security
- **Stacking Feature**
Hot insertion and removal of stacking units
Close Loop Stacking
VLAN Membership across the stack
Single IP address for management
Trunking across the stack
Packet Priority across the stack
Port mirroring across stack

Product Diagram



Ordering Information

- GSW-2692: 24 10/100Mbps+ 2G/SFP L2 SNMP Stacking Switch
- GVT-0300: SFP Transceiver fits mini GBIC (550m)
- GVT-0301: SFP Transceiver fits mini GBIC (10km)
- GVT-0302: SFP Transceiver fits mini GBIC (70km)