

Datasheet_GSW-2492

24-port 10/100TX Stacking SNMP Switch

LevelOne's GSW-2492 is a stackable Layer 2 switch that provides the feature-rich and high-performance solutions for enterprise workgroup applications. With the MDU-2492S module, up to 8 GSW-2492 switches can be resiliently stacked in ring topology. With the MDU-2492S or MDU-2492T module, it can be grouped in a stack as a slave with the GSW-1290 master switch in star topology, creating 288 10/100 Mbps connection, increasing the scalability and allowing trunks between workgroup and other resources.

The GSW-2492 supports a variety of network management features including: Console, CLI, Telnet, Web, SNMP v1/v3, RMON, TFTP, Port Mirroring and DHCP as well as advanced traffic management options including: 802.1x, bandwidth control and support for IGMP v1/v2 Snooping. In order to increase network reliability, the switch also supports spanning tree standards including 802.3ad, 802.1d and 802.1w.

With its 1U height rack-mountable size, the switch can be easily managed in a computer lab or a server room. The clearly visible status LEDs provide easy monitoring of port link activity, speed, and collision, so that you are never in the dark when it comes to the status of your data transmissions.



GSW-2492

Key Features

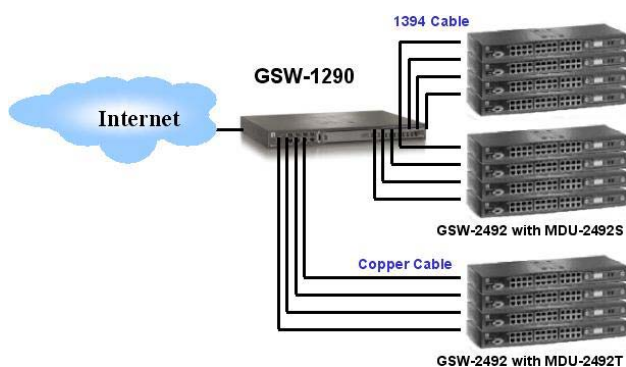
- 24 built-in 10/100 Mbps ports
- 1 expansion slots for MDU-2492S or MDU-2492T module installation
- Supports for stacking with GSW-1290 in star topology arrangement with MDU-2492S and MDU-2492T, up to 12 GSW-2492 can be stacked
- Supports for self-stacking with other GSW-2492 in ring topology arrangement with MDU-2492S, up to 8 GSW-2492 can be stacked.
- Supports 802.1Q VLAN, GARP/GVRP, and Asymmetric VLAN.
- Supports 802.1D/w Spanning Tree/ Rapid Spanning Tree for redundant backup bridge paths
- Supports IGMP snooping, 802.1p QoS and port mirroring.
- Built-in SNMP management/ MIB support/ 4 groups of RMON
- Supports 802.3ad LACP port trunks
- 802.1 port-based, MAC-based port access control
- Web-based management Interface

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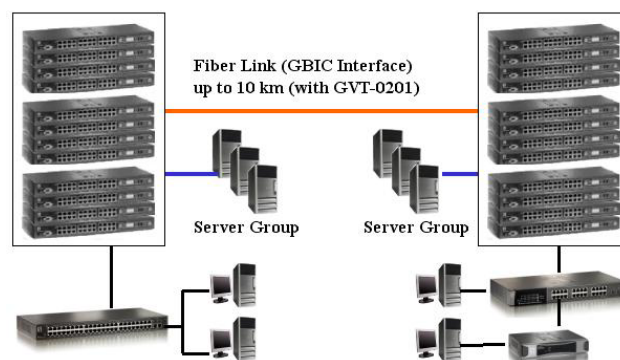
Technical Specification

- **Standards Compliance**
IEEE 802.3/ IEEE 802.3u
IEEE 802.3x Flow Control
- **Ports**
24 x 10/100 Base-TX
1x Expansion Slots
- **Forwarding Rate**
17.8Mpps (max.)
- **MAC Address Table**
8000 entries
- **Packet Buffer**
8MB
- **VLAN**
IEEE 802.1Q Tagged VLAN
Port-based VLAN
GARP/GVRP
- **Port Trunk**
Trunking mode: static
Operation mode: load sharing
802.3ad LACP support
- **Spanning Tree**
802.1D compatible
802.1w Rapid spanning Tree
- **Management**
SNMP v.1, v.3, Web-based Management
MIB II
RMON Group 1,2,3,9
Console Port: DB-9 RS-232 DCE
- **LEDs**
Per Device: Power, Console
Per RJ-45 port: Speed, Link/Act
Per SFP port: Link/Act
- **Power Input**
100~240VAC, 50/60Hz Internal universal power supply
- **Power Consumption**
30 Watts (max)
- **Ventilation**
60 x 60 mm DC fans x 1
- **Temperature**
Operating: 0°C ~40°C
Storage: -25°C ~55°C
- **Humidity**
Operating: 0% ~ 95%
- **Dimension**
440mm(W) * 309mm(D) * 44mm(H)
- **EMI and Safety**
FCC, CE

Product Diagram



GSW-2492 Diagram 1
(Stacked with GSW-1290 in star topology)



GSW-2492 Diagram 2
(Self-stacking in ring topology)

Ordering Information

- GSW-2492: 24-port 10/100TX stacking SNMP Switch
- GSW-1290: 4-port 1000T/mini GBIC +2 expandable slots L2 SNMP Master Switch
- MDU-2492S: Stacking + GBIC slot module for GSW-2492
- MDU-2492T: 2 x 1000T module for GSW-2492
- GVT-0200: 1000BASE-SX GBIC (220m/ 550m)
- GVT-0201: 1000BASE-LX GBIC (550m/ 10km)