



24G + 2SFP L2 SNMP Switch



GWS-2494

H/W Version: 1

LevelOne's GSW-2494 is a Virtual Stackable Layer 2 switch that designed for enterprise or large workgroups connectivity applications with the non-blocking, wire-speed switching performance and advanced networking management functions.

Virtual stacking increasing scalability

This switch allows you to use a single IP to manage for a virtual stack of up to 16 units of GSW-0890/1291/2494/2496/4896/2690/2693 thus building central management in one screen for IT supervisor as well as increasing the scalability and allowing trunks between workgroup and other resources.

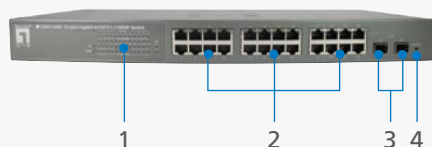
Variety network interfaces

The GSW-2494 is able to integrate different network scales by offering different network

interfaces, 24-port Gigabit Ethernet and 2-port SFP, to operate with your copper or fiber network, both for extending the network connection distance and leveraging your existing investment. The total 48Gbps back plane bandwidth creates high-speed backbone data transmissions and meet the requirement of heavy-duty bandwidth-consuming applications with wire-speed, non-blocking performance.

Easy Monitoring

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



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

Key Features

- 24-Port 10/100/1000 Mbps copper ports and 2SFP (Mini-GBIC) shared slot
- Gigabit (copper/SFP) ports are compliant with IEEE802.3z and 802.3ab
- Supports virtual stack of up to 16 units with GSW-0890/1291/2494/2496/4896/2690/2693
- MAC-based trunking with automatic link fail-over
- Non-Blocking full wire speed architecture
- Web-based management provides easily configuration via any web browser
- Supports Port/Tag based VLAN Q-in-Q VLAN
- Supports 802.1p Class of Service with 4-level priority queuing

Relate Products



GWS-2690
24Fast +2G/SFP L2 SNMP Switch



GWS-1291
12G L2 SNMP POE Switch

Technical Specifications

Performance

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

Switch Capability

24 Gigabit Ethernet ports with non-blocking wire speed performance

8K entries with Auto learning function

Packet Buffer: 400K bytes,

Jumbo frame up to 9k

Port mirroring

Network Interface

24 x RJ-45 10/100/1000Base-TX ports

2 x SFP (Mini-GBIC) shared ports

Software

Management Agent

SNMP v1,v2c support, MID II (RFC 1213), Bridge MIB (RFC1493), RMON MIB (RFC 1757) Ethernet MIB (RFC1643),

Management

Telnet management

Web management

RS-232 Console Port

Spanning Tree Algorithm

IEEE 802.1D Spanning Tree Protocol

IEEE 802.1w Spanning Tree protocol

IEEE 802.1s Multiple Spanning Tree Protocol

VLAN

Port-based VLAN

4K VLAN ID (Up to 256 active VLAN)

802.1Q Tagged VLAN, up to 256 active VLANs

Double Tag VLAN (Q-inQ)

QoS

Supports IEEE 802.1p/Port-base/TOS/DiffServ

(Ipv4/Ipv6) based QOS Packet

Supports 4 queues per port,

Support priority in a Q-in-Q tag

Bandwidth Control

Egress / Ingress packet rate limit 1000Mbps with 1Mbps increment

Port Trunk with LACP

Group: up to 8 trunking groups

Member: up to 12 members each group

Multicast

Support IGMP Snooping including active/passive mode

Broadcast Storm

Multicast / Broadcast Storm suppression

Security Feature

IEEE 802.1x access control

Isolated group

Management Access Control List(ACL)

Static MAC, MAC address learning limit

Software Upgrade

TFTP/ Console firmware upgradeable

Hardware

LEDs

Power, CPU ACT, LINK/ACT, 10/100/1000Mbps, SFP

Dimension: (L x W x H)

209mm x 442mm x 44mm

Weight

2.86kg

Power Supply

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

Power Consumption

30 Watts (max)

Temperature

Operating: 0°C ~40°C





Humidity

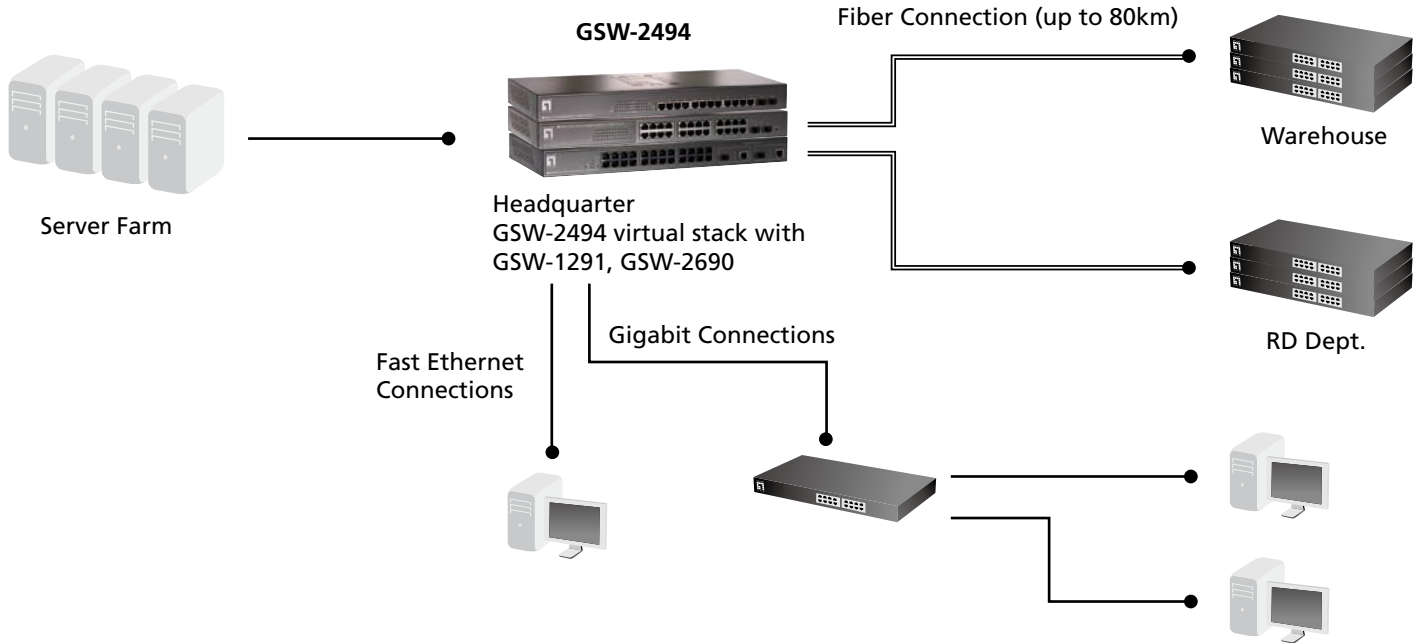
Operating: 5% ~ 90% (Non-condensing)

EMI and Safety

FCC Class A, CE

Product Diagram

-  Ethernet Cable(RJ 45)
-  Fiber
-  PoE
-  Power



Order Information

Package Contents

GSW-2494: 24G+ 2SFP L2 SNMP Switch
 GSW-2494
 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)