



# 24-Port 10/100 Mbps + 2-Port 1000 BaseT SFP Combo



GSW-2473

H/W Version: 1

## Product Overview

The LevelOne GSW-2473 Combo Web Smart Switch is an excellent choice for mixed Ethernet, Fast Ethernet, and Gigabit Ethernet installations. It features advanced network and switch management features all accessible via a Web-based interface. The switch features 24 Fast Ethernet ports and 2 Port Gigabit Mini-GBIC Combo.

## Network Management Options

The switch contains several key network management features, designed to manage data traffic more effectively. The GSW-2473 supports 802.1p Class of Service for packet or data prioritizing, 802.1Q Tag VLAN management for managing different networks within the

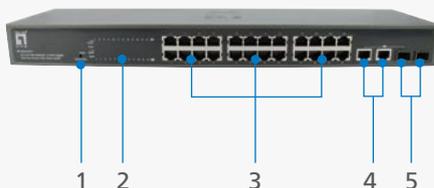
current network and provide bandwidth control.

## Switch Architecture

The switch employs a wire-speed, non-blocking switching fabric. This permits simultaneous wire-speed transport of multiple packets with low latency on all ports. The switch also features full-duplex capability and Auto Negotiation MDI/MDI-X on all ports.

## Remote Connections with Fiber Cable

Fiber optic technology allows for longer cabling than any other media type. A 1000BASE-SX (MMF) link can connect to a site up to 550 meters away, a 1000BASE-LX (SMF) link up to 10 km, and a 1000BASE-ZX link up to 70 km.



1. Default Button
2. LEDs
3. 10/100Mbps Ports
4. 10/100/1000Mbps Ports
5. SFP slot
6. Internal Power Socket

## Key Features

- 24-Port Combo Web Smart Switch for high-performance Office networks
- Supports Auto-negotiation and Auto-MDI/MDI-X on all ports
- Supports full-duplex IEEE 802.3x flow control
- Store-and-forward switching architecture
- Complies with IEEE 802.3ab, 802.3u and 802.3, 802.z standards
- Supports NWay protocol and auto-detect duplex mode
- Features Port-Based 802.1Q Tag VLAN
- Supports 802.1p Class of Service with 2 per port priority queues
- 4K MAC with auto learnings
- Large 8.8G switching bandwidth
- 19-inch rack-mountable with included mounts

## Works Well With



**GVT-0301**  
Mini GBIC Transceiver ( 10KM)



**FNC-0107TX**  
Fast Ethernet PCI card

## Technical Specifications

### Standard Compliance

#### IEEE Standards Compatibility

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100Base-TX
- IEEE802.3ab 1000Base-T
- IEEE802.3z Gigabit fiber
- IEEE802.3x Flow Control and Back Pressure
- IEEE802.1p Class of Service
- IEEE802.1Q VLAN Tag

### Hardware Specification

#### Physical Interface

- 24 RJ-45 connectors for 10BASE-T and 100BASE-TX (Auto Uplink™ on all ports)
- Two RJ-45 connectors for 10BASE-T, 100BASE-TX, and 1000BASE-T (Auto Uplink on all ports)
- Two Gigabit Interface Converter (GBIC) slots for GBIC modules
- 2 Port Gigabit and SFP are Combo port.

#### LEDs

- Per port (10/100 and Gigabit): Link, Speed, Duplex, Activity
- Per device: Power

#### Performance Specifications

- Forwarding modes: Store-and-forward
- Back-plane (Switching Fabric): 8.8 Gbps
- Packet buffer memory: 256 KB
- Mac Address : 4K MAC address table

#### Electrical Specifications

- Power consumption: 15.4Watts maximum
- Voltage: 100 ~ 240 VAC, 50-60 Hz

#### Physical Specifications

- 19-inch Standard Rack-Mount Width, 1U Height
- Dimensions: (w x d x h) 440 x 120 x 44 mm
- Weight: 1.6 kg

#### Environmental Specifications

- Operating temperature: 0° to 45°C
- Storage temperature: -40° to 70°C
- Operating humidity: 10%~90% (Noncondensing)

#### EMI/EMC

- CE
- FCC Part 15 Class A

### Software Specification

#### VLAN

- Port Based VLAN
- Tag VLAN (32 entries)
- VLAN ID (Up to 4K, VLAN ID can be assigned from 1 to 4096.)

#### Trunk

- 4 users per Group / 3 Groups per Device
- Static Trunk

#### Quality of Service(QoS)

- IEEE802.1p Priority Queues: 2 Queues
- Port Based Priority: high and low
- TOS
- COS
- Diffserv

#### Bandwidth Control

- Support ingress packet filter and egress packet limit

#### Storm Control

- Broadcast Storm Control

#### Port Mirror

- Support 3 mirroring types: "RX, TX and Both packet".

#### DHCP

- Provide DHCP Client

#### Firmware Update

- Support TFTP and Web firmware upgrade.

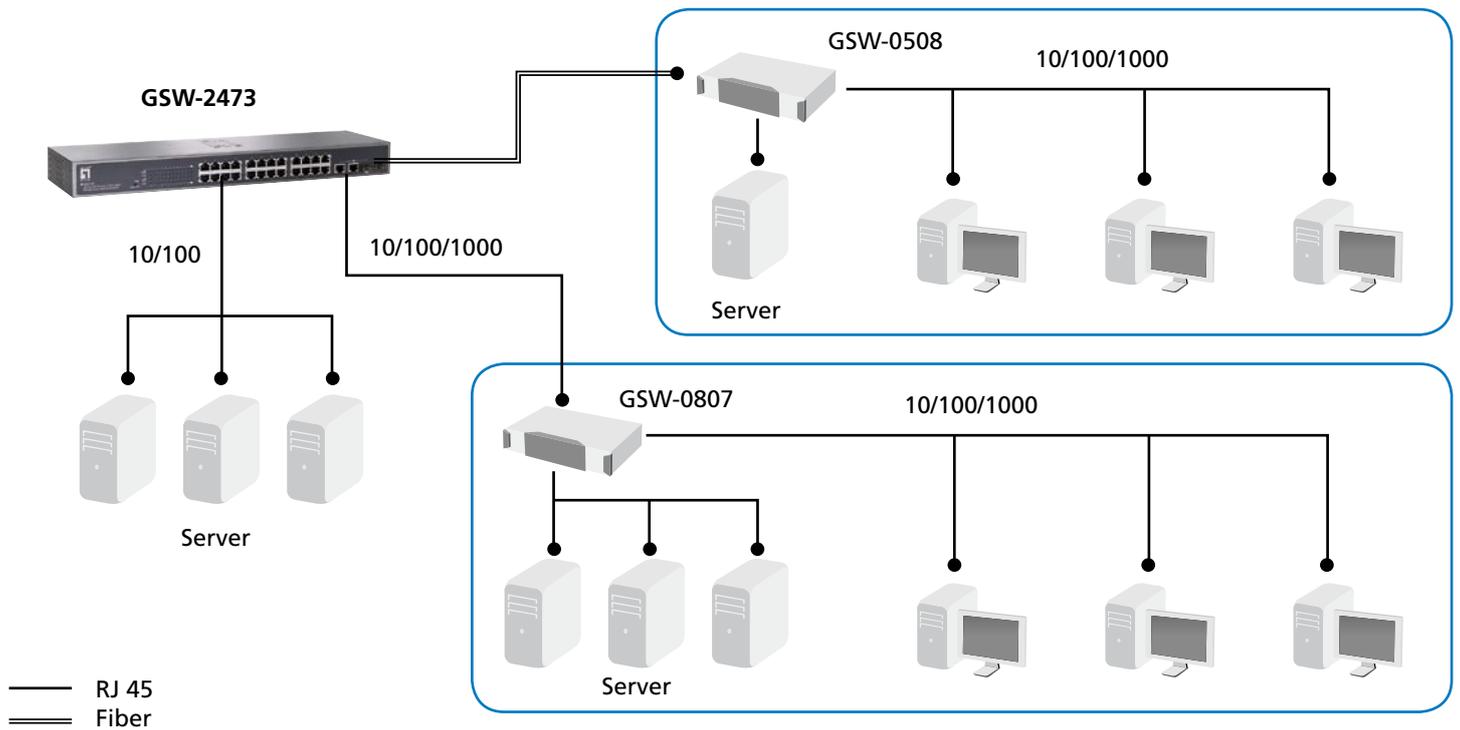
#### MTBF

- system MTBF: 83287.49745

#### Package Contents

- GSW-2473 Gigabit Web Smart Switch
- AC Power Cord
- Rack-mount brackets
- User Manual CD

## Product Diagram



## Order Information

### Package Contents

**GSW-2473:** 24-Port 10/100 Rackmount Smart Switch + 2 SFP Combo Ports

GSW-2473 Gigabit Web Smart Switch

AC Power Cord

Rack-mount brackets

User Manual CD