

GSW-2457 24-Port Unmanaged Gigabit Switch

Product Images



Short Description

- **High-Density Connectivity:** 24 Gigabit Ethernet RJ45 ports provide ample desktop, printer, NAS and server connections for small offices and workgroups
- **Gigabit Performance:** 10/100/1000Mbps wire-speed transmission with 48 Gbps switching capacity keeps large file transfers and multimedia traffic running smoothly
- **Optimized Throughput:** 9K jumbo frame support accelerates high-bandwidth applications such as backups, CAD/CGI and HD video streaming
- **Scalable Switching:** 8K MAC address auto-learning and auto-aging maintain stable forwarding performance as the network expands
- **Smart Auto Functions:** Auto-negotiation and auto-MDI/MDIX on every port remove crossover-cable worries and simplify uplink connections
- **Energy Efficient Operation:** IEEE 802.3az Energy Efficient Ethernet intelligently reduces power usage during low traffic periods
- **Reliable Data Delivery:** Non-blocking architecture helps minimize latency and packet loss for VoIP, cloud services and real-time collaboration
- **Easy Plug-and-Play:** Unmanaged, zero-configuration design with front-panel status LEDs for quick deployment and basic troubleshooting

Description

The LevelOne GSW-2457 is a 24-port Gigabit Ethernet switch designed to deliver reliable, high-speed connectivity for small offices, workgroups and SOHO environments. Providing 24 x 10/100/1000 Mbps RJ45 ports, it enables a seamless upgrade to Gigabit performance, boosting your network backbone bandwidth up to 48 Gbps and bringing fast, responsive connections to every desktop.

With a non-blocking, wire-speed switching architecture, the GSW-2457 handles simultaneous, bandwidth-intensive traffic such as large file transfers, CAD/CGI projects and HD multimedia streaming without lag. Support for 9K jumbo frames further improves throughput efficiency for high-volume data applications and server or NAS access.

Installation is completely plug-and-play—no configuration required. Each port supports auto-negotiation to automatically select the best link speed and duplex mode, while auto-MDI/MDIX eliminates the need for crossover cables or dedicated uplink ports. An 8K MAC address table with auto-learning and auto-aging keeps forwarding performance smooth as your network grows.

Compliant with IEEE 802.3az Energy Efficient Ethernet, the GSW-2457 reduces power consumption during periods of low link utilization, helping to lower operating costs and your overall carbon footprint. Compact and easy to deploy, it is an ideal, cost-effective solution for upgrading to a stable, high-performance Gigabit network.

Additional Information

Gigabit RJ45	24
Harmonized System (HS) code.	851762
Customs product code (TARIC).	8517620000
Features.	24 x 10/100/1000Mbps
Energy Saving.	IEEE 802.3az (Energy Efficient Ethernet)
Grade.	Commercial
PoE Supported.	No
Manageable.	No
Fanless.	Yes
Concurrent ports.	Total 24.00
Switching capacity.	48Gbps
Approval and Compliance.	• FCC Part 15 Subpart B, Class A • CE • LVD • UKCA • RoHS
Operating humidity.	10% RH ~ 90% RH
Operating temperature.	0°C ~ 40°C
Storage humidity.	5% RH ~ 90% RH
Storage temperature.	-40°C ~ 70°C
Package Contents.	GSW-2457 Stromkabel 19" Einbaurahmen Quick Installation Guide
Color.	Grey
EAN.	4015867143124
Model Number.	GSW-2457
Product weight (kg).	2.65
Dimensions (W x D x H).	440 x 220 x 44 mm
Data Rate.	1Gbps
Power supply included.	Yes
Power input.	100-240V/AV 50Hz

Power consumption.	15.4W
Packet forwarding rate.	1488000pps
Standard.	IEEE802.3(10BASE-T) IEEE802.3u(100BASE-T) IEEE802.3ab(1000BASE-T) IEEE802.3az Energy Efficient Ethernet
Mount.	19" rack mount
MAC address table.	8K
Jumbo frame (KB).	9
Indicators.	Power, LINK/ACT/Speed
Backplane (Gbps).	48

