

# Planet GS-4210-24T2S 24 Port Managed Gigabit SFP Rackmount Switch

[Product Images](#)

**Product Code: C04-4774**



## Short Description

Planet GS-4210-24T2S is an ideal Gigabit Switch which provides cost-effective advantage to local area

network and is widely accepted in the SMB office network. It offers intelligent Layer 2 data packet switching and management functions, friendly web user interface and stable operation. Besides the popular IPv6/IPv4 management and abundant L2/L4 switching functions, the GS-4210-24T2S comes with fanless feature and green technology to provide a quiet, energy-saving, high-speed and reliable office network environment.

The GS-4210-24T2S is equipped with 24 10/100/1000BASE-T Gigabit Ethernet ports and 2 additional 100/1000BASE-X SFP interfaces with inner power system. It offers a rack-mountable, affordable, safe and reliable Gigabit network switch solution for SMBs deploying networks, or requiring enhanced data security and network traffic management.

### **IPv6/IPv4 Dual Stack**

Supporting both IPv6 and IPv4 protocols, the GS-4210-24T2S helps the SMBs to step in the IPv6 era with the lowest investment as its network facilities need not be replaced or overhauled if the IPv6 FTTx edge network is set up.

### **Robust Layer 2 Features**

The GS-4210-24T2S can be programmed for advanced switch management functions such as dynamic port link aggregation, 802.1Q VLAN and Q-in-Q VLAN, Multiple Spanning Tree Protocol (MSTP), loop and BPDU guard, IGMP snooping, and MLD snooping. Via the link aggregation, the GS-4210-24T2S allows the operation of a high-speed trunk to combine with multiple ports such as a 16Gbps fat pipe, and supports fail-over as well. Also, the Link Layer Discovery Protocol (LLDP) is the Layer 2 protocol included to help discover basic information about neighboring devices on the local broadcast domain.

### **Efficient Traffic Control**

The GS-4210-24T2S is loaded with robust QoS features and powerful traffic management to enhance services to business-class data, voice, and video solutions. The functionality includes broadcast/multicast/unicast storm control, per port bandwidth control, 802.1p/CoS/IP DSCP QoS priority and remarking. It guarantees the best performance at VoIP and video stream transmission, and empowers the enterprises to take full advantage of the limited network resources.

### **Enhanced and Secure Management**

For efficient management, the GS-4210-24T2S is equipped with console, web, telnet and SNMP management interfaces. With the built-in web-based management interface, the GS-4210-24T2S offers an easy-to-use, platform-independent management and configuration facility. By supporting standard Simple Network Management Protocol (SNMP), the switch can be managed via any standard management software. For text-based management, the switch can be accessed via telnet and the console port. Moreover, the GS-4210-24T2S offers secure remote management by supporting SSH, HTTPS and SNMPv3 connections which encrypt the packet content at each session.

### **Powerful Security**

PLANET GS-4210-24T2S offers comprehensive IPv4/IPv6 Layer 2 to Layer 4 Access Control List (ACL) for enforcing security to the edge. It can be used to restrict network access by denying packets based on source and destination IP address, TCP/UDP ports or defined typical network applications. Its protection mechanism also comprises 802.1X port-based authentication, which can be deployed with RADIUS to ensure the port level security and block illegal users. With the protected port function, communication between edge ports can be prevented to guarantee user privacy. Furthermore, port security function allows limiting the number of network devices on a given port.

### **Advanced Network Security**

The GS-4210-24T2S also provides DHCP snooping, IP source guard and dynamic ARP inspection functions to prevent IP snooping from attack and discard ARP packets with invalid MAC address. The network administrators can now construct highly-secure corporate networks with considerably less time and effort than before.

### **Flexible Extension Solution**

The two mini-GBIC slots built in the GS-4210-24T2S are compatible with the 100BASE-FX/1000BASE-SX/LX SFP (Small Form-factor Pluggable) fibre transceiver to uplink to backbone switch and monitor centre in long distance. The distance can be extended from 550 meters to 2km (multi-mode fibre) and to 10/20/30/40/50/60/70/120 kilometers (single-mode fibre or WDM fibre). They are well suited for applications within the enterprise data centres and distributions.

### **Fanless Design**

Adopting the latest chip process and green technology, the GS-4210-24T2S successfully reduces substantial power consumption with the fanless and noiseless design collocating with the effective cooler. Therefore, the GS-4210-24T2S is able to operate stably and quietly in any environment without affecting its performance.

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