

# Planet Switch verwaltet 24 x 10/100/1000 + 2 x SFP Desktop an Rack montierbar

PLANET GS-4210-24T2S Switch online kaufen. Managed 24x1G + 2xSFP Ports, schnelle Lieferung & super Service. Jetzt bei Future-X bestellen!

**Artikelnummer** 992007724

**Gewicht** 1kg

**Länge** 1mm

**Breite** 1mm

**Höhe** 1mm



## Produktbeschreibung

Planet Switch verwaltet 24 x 10/100/1000 + 2 x SFP Desktop an Rack montierbar

Produktbeschreibung:

24-port 10/100/1000BASE-T Gigabit RJ45 copper  
2x100/1000BASE-X mini-GBIC/SFP slots RJ45 console  
interface for switch basic management and setup  
Reset button for system factory default fanless

Cost-Optimized Managed Switch for Small and  
Medium Businesses 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 hot 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.

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 HTTPS and SNMP v3 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-secured 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)  
fiber transceiver to uplink to backbone switch  
and monitor center in long distance.

The distance can be extended from 550 meters to  
2km (multi-mode fiber) up to above 10/20/30/40/50/60/70/120  
kilometers (single-mode fiber or WDM fiber).

They are well suited for applications within the  
enterprise data centers 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.

Technische Details:

Allgemein

Gerätetyp

Switch - 24 Anschlüsse - managed

Gehäusotyp

Desktop, an Rack montierbar 1U

Untertyp

Gigabit Ethernet

Ports

24 x 10/100/1000 + 2 x SFP

Leistung

Switching Fabric-Bandbreite: 52 Gbps

Durchsatz (64-Byte Paketgröße): 38,6 Mpps

Kapazität

VLAN-Gruppen: 256

VLAN-Unterstützung: 4094

Größe der MAC-Adresstabelle

8000 Einträge

Jumbo-Rahmenunterstützung

9216 Byte

Routing Protocol

IGMPv2, IGMPv3, MLDv2, MLD

Remoteverwaltungsprotokoll

SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, TFTP, SSH

Verschlüsselungsalgorithmus

SSL

Authentifizierungsmethode

RADIUS, TACACS+

Leistungsmerkmale

Flusskontrolle, Layer 4 switching, Layer 2 switching, DHCP Support, PoE, BOOTP-Unterstützung, VLAN-Unterstützung, Auto-Uplink (Auto MDI/MDI-X), IGMP Snooping, Syslog-Unterstützung, Schutz vor DoS-Angriffen, Port-Spiegelung, verwaltbar, Store-and-Forward, MAC-Adressenfilter, Broadcast Storm Control, IPv6-Unterstützung, Halbduplex-Modus, Vollduplex-Modus, Multicast Storm Control, Unicast Storm Control, Firmware aktualisierbar, STP-Unterstützung, STP Support, RSTP-Unterstützung, MSTP Support, DHCP-Snooping, ACL Support, QoS, RADIUS-Unterstützung, SSH-Unterstützung, Jumbo-Frames-Support, MLD-Snooping, DAI, Digital Diagnostics, Reset-Taste, Bandbreitensteuerung, IPv4-Unterstützung, LLDP-Support, LACP, MIB, CoS, GVRP, TFTP-Client, ToS, DSCP-Unterstützung, 4,1-MB-Paketpuffer, IP-Quellwächter, BPDU

Produktzertifizierungen

IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1ab (LLDP)

Integrierte Peripheriegeräte

LED Panel  
Statusanzeiger  
Stromversorgung, Link/Aktivität  
Erweiterung/Konnektivität  
Schnittstellen  
24 x 1000Base-T RJ-45  
2 x 1000Base-X SFP  
1 x Verwaltung (RS-232) RJ-45  
Stromversorgung  
Stromversorgungsgerät  
Internes Netzteil  
Erforderliche Netzspannung  
Wechselstrom 120/230 V (50/60 Hz)  
Leistungsaufnahme im Betrieb  
14 Watt  
Verschiedenes  
Zubehör im Lieferumfang  
GummifüÙe, 2 Port-Abdeckungen (SFP)  
Enthaltene Kabel  
1 x Konsolenkabel  
Rackmontagesatz  
Mitgeliefert  
Produktzertifizierungen  
FCC Part 15 A  
MaÙe und Gewicht  
Breite  
44 cm  
Tiefe  
20,7 cm  
Höhe  
4,5 cm  
Gewicht  
2,1 kg  
Umgebungsbedingungen  
Min Betriebstemperatur  
0 °C  
Max. Betriebstemperatur  
50 °C  
Zulässige Luftfeuchtigkeit im Betrieb  
5 - 95 % (nicht kondensierend)  
Min. Lagertemperatur  
-20 °C  
Max. Lagertemperatur  
70 °C  
Zulässige Luftfeuchtigkeit bei Lagerung  
5 - 95 % (nicht kondensierend)

## Produkteigenschaften

<b>Netzwerk - Typ</b>	Switch
<b>Statusanzeiger</b>	Link/Aktivität, Stromversorgung
<b>Größe der MAC-Adresstabelle</b>	8000 Einträge
<b>Verschlüsselungsalgorithmus</b>	SSL
<b>Höhe (Rack-Einheiten)</b>	1
<b>Netzwerk - Formfaktor</b>	Desktop, An Rack montierbar
<b>Leistung</b>	Switching Fabric-Bandbreite: 52 Gbps, Durchsatz (64-Byte Paketgröße): 38,6 Mpp
<b>Bereitgestellte Schnittstelle - Schnittstellen</b>	24 x 1000Base-T RJ-45, 2 x 1000Base-X SFP, 1 x Verwaltung (RS-232) RJ-45
<b>Kapazität - Kapazität</b>	VLAN-Gruppen: 256, VLAN-Unterstützung: 4094
<b>Anz. Anschlüsse</b>	24
<b>Ports - Typ</b>	10/100/1000
<b>Produkttyp</b>	Switch
<b>Leistungsaufnahme im Betrieb</b>	14 Watt
<b>Untertyp</b>	Gigabit Ethernet
<b>Farbkategorie</b>	Schwarz
<b>Ports (zweite) - Typ</b>	SFP (mini-GBIC)

## Weitere Bilder

