

Item no.: SC-2205-0515-4621

## TL-SG3210 - JetStream 8-Port Gigabit L2 Managed Switch with 2 SFP Slots

# 113,99 EUR

Item no.: SC-2205-0515-4621  
shipping weight: 2.40 kg  
Manufacturer: TP-LINK



### Product Description

#### JetStream(TM) 8-Port Gigabit L2 Managed Switch with 2 SFP Slots, TL-SG3210

TP-LINK JetStream(TM) Gigabit L2 managed switch TL-SG3210 provides 8x 10/100/1000Mbps ports. The switch provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. Moreover, the switch also comes equipped with 2 Gigabit SFP slots, expanding your network flexibly. TL-SG3210 is the cost-effective network solution for the ideal small and medium business.

TL-SG3210 has robust security and management features. The IP-MAC-Port-VID Binding and Access Control List(ACL) functions protect against broadcast storms, ARP and Denial-of-Service(DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. Anymore, the easy-to-use web management interfaces, along with CLI, SNMP and RMON, mean faster setup and configuration with less downtime. For workgroup and departments requiring cost-sensitive Layer 2 Switch and Gigabit capability, TP-LINK JetStreamTM L2 managed switch TL-SG3210 provides you the ideal access-edge solution.

#### Secure Networking

TL-SG3210 provides IP-MAC-Port-VID Binding, Port Security, Storm Control and DHCP Snooping which protect against broadcast storms, ARP attacks, etc. It integrates some typical DoS attacks to select. You can protect these attacks more easily ever than before. In addition, the Access Control Lists (ACL, L2 to L4) feature restricts access to sensitive network resources by denying packets based on source and destination MAC address, IP address, TCP/UDP ports and even VLAN ID. Moreover, the switch supports 802.1X authentication, which is used in conjunction with a RADIUS server to require some authentication information before access to the network is allowed. Guest VLAN function supports to enable the non-802.1X clients to access the specific network resource.

#### Advanced QoS features

To integrate voice, data and video service on one network, the switch applies rich QoS policies. Administrator can designate the priority of the traffic based on a variety of means including IP or MAC address, TCP or UDP port number, etc, to ensure that voice and video are always clear, smooth and jitter free. In conjunction with the Voice VLAN the switch supporting, the voice applications will operate with much smoother performance.

#### Abundant Layer 2 features

For more application of layer 2 switches, TL-SG3210 supports a complete lineup of layer 2 features, including 802.1Q tag VLAN, Port Isolation, Port Mirroring, STP/RSTP/MSTP, Link Aggregation Control Protocol and 802.3x Flow Control function. Furthermore, the switch provides advanced features for network maintenance, such as Loop Back Detection, Cable Diagnostics and IGMP Snooping. IGMP snooping ensures the switch intelligently forward the multicast stream only to the appropriate subscribers while IGMP throttling & filtering restrict each subscriber on a port level to prevent unauthorized multicast access.

#### Enterprise Level Management Features

TL-SG3210 is easy to use and manage. It supports various user-friendly standard management features such as intuitive web-based Graphical User Interface (GUI) or industry-standard Command Line Interface (CLI), either administration traffic can be protected through SSL or SSH encryptions. SNMP (v1/2/3) and RMON support enables the switch to be polled for valuable status information and send traps on abnormal events. In addition, integrated NDP/NTDP protocol, the switch supports to be managed by the commander switch through IP clustering function more easily.

#### Features:

- Layer 2 Features
- Link Aggregation Control Protocol (LACP)
- Up to 4K VLANs simultaneously (out of 4K VLAN IDs)
- GVRP (GARP VLAN Registration Protocol)
- Port Isolation
- STP/RSTP/MSTP
- IGMP Snooping
- Quality of Service
- 4 priority queues
- Support IEEE 802.1P
- DSCP QoS
- Rate limit feature
- Security Strategies
- IP-MAC-Port-VID Binding
- Access Control List (L2-L4 ACL)
- 802.1x and RADIUS Authentication
- Support DoS defend
- Port Security
- SSL and SSH encryptions
- Management
- Web-based GUI
- Command Line Interface
- SNMP v1/v2c/v3
- RMON (1,2,3,9 group)

## Specifications

Interface: 8x 10/100/1000Mbps RJ45 ports (Auto Negotiation/Auto MDI/MDIX); 2x 1000Mbps SFP slots; 1x console port

Network Media: 10BASE-T: UTP category 3, 4, 5 cable (maximum 100 m); 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100 m); 1000BASE-X: MMF, SMF

Fan Quantity: Fanless

Dimensions (W x D x H): 11.7 x 7.1 x 1.7in. (294 x 180 x 44 mm)

Power supply: 100240VAC, 50/60Hz

Bandwidth/backplane: 20 Gbps

MAC Address Table: 8k

Packet Buffer Memory: 512KB

Packet Forwarding Rate: 14.9Mpps

Jumbo Frame: 10240 Bytes

Quality of Service: Supports 802.1p CoS/DSCP priority; Supports 4 priority queues; Queue scheduling: SP, WRR, SP+WRR; Port/flow- based rate limiting; Voice VLAN

L2 Features: IGMP Snooping V1/V2/V3; 802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group); Spanning Tree STP/RSTP/MSTP; Port isolation; BPDU filtering/guard; TC/Root protect; Loop back detection; 802.3x Flow Control

VLAN: Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs); Port/ MAC/Protocol-based VLAN; GARP/GVRP; Management VLAN configuration

Access Control List: L2L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID; Time Range Based Security: IP-MAC-Port-VID Binding; IEEE 802.1X Port/MAC Based authentication, Radius, Guest VLAN; DoS Defence; Dynamic ARP inspection (DAI); SSH v1/v2; SSL v2/v3/TLSv1; Port Security; Broadcast/Multicast/Unknown-unicast Storm Control

Management: Web-based GUI and CLI management; SNMP v1/v2c/v3, compatible with public MIBs and TP-LINK private MIBs; RMON (1, 2, 3, 9 groups); DHCP/BOOTP Client, DHCP Snooping, DHCP Option82; CPU Monitoring; Port Mirroring; Time Setting: SNTP; Integrated NDP/NTDP feature; Firmware Upgrade: TFTP & Web; System Diagnose: VCT; SYSLOG & Public MIBS

Certification: CE, FCC, RoHS

Package Contents: Switch; Power Cord; Quick Installation Guide; Resource CD; Rackmount Kit; Rubber Feet

System Requirements: Microsoft(R) Windows(R) 98SE, NT, 2000, XP, Vista(TM) or Windows 7, MAC(R) OS, NetWare(R), UNIX(R) or Linux.

Environment: Operating Temperature: 0°C~40°C (32~104); Storage Temperature: -40°C~70°C (-40~158); Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90% non-condensing

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