



## TP-Link Omada 8-Port 2.5G L2+ Managed Switch



Model: SG3210X-M2

Manufacturer: TP-LINK

EAN: 4897098689523

Product Code: 203278

## R5,659

### Ultrafast 2.5G Managed Switch with 10G Uplink for Futuristic Network

SG3210X-M2

10G Lightning-Fast

Uplink Connection

2× 10 Gbps SFP+ Slots for High-Bandwidth Connectivity

2.5G Ports

for WiFi 7/6E/6

8× 2.5 Gbps Ports Unlock the Full Potential of WiFi 7/6E/6 APs

Centralized Cloud

Management

SDN Solutions Integration for a Highly Efficient Network

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Advanced L2+

Features

Static Routing, IGMP Snooping, 802.1Q VLAN and More

### **Enterprise Switch**

#### **with 10G Uplink**

2× 10 Gbps SFP+ slots provide non-blocking switching performance and ultra-low latency, so reliable and lightning-fast connections to server and other switches are easily built.

## **Unlock the Highest Performance of 2.5G Multi-Gig Bandwidth and Devices**

8× 2.5-Gigabit ports unlock the highest performance of your Multi-Gig bandwidth and devices. Auto-negotiation speed connections sense the link speeds and intelligently adjust for compatibility and optimal performance for all your devices, including desktop, 4K video, 2.5G Wi-Fi 7/6E/6 APs, 2.5G NAS, 2.5G PCIe adapter, gaming console, VR gaming, and more.

## **Software Defined Networking (SDN) with Cloud Access**

Omada's Software Defined Networking (SDN) platform integrates network devices, including access points, switches and gateways, providing 100% centralized cloud management. Omada creates a highly scalable network—all controlled from a single interface. Seamless wireless and wired connections are provided, ideal for use in hospitality, education, retail, offices, and more.

## **Secure Networking**

Security features include IP-MAC-Port-VID Binding, Port Security, Storm Control and DHCP Snooping to defend against a range of network threats. An integrated list of common DoS attacks is available, making it easier than ever to prevent them. 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 or VLAN ID. Users' network access can be controlled via 802.1X authentication, which works with a RADIUS/Tacacs+ server to grant access only when valid user credentials are provided.

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## Enterprise Level Features

A complete lineup of L2+ features are supported, including 802.1Q VLAN, Port Mirroring, STP/RSTP/MSTP, Link Aggregation Control Protocol, and 802.3x Flow Control. Advanced IGMP Snooping ensures the switch intelligently forwards multicast streams to only the appropriate subscribers, cutting out unnecessary traffic, while IGMP throttling & filtering restrict each subscriber on a port level to prevent unauthorized multicast access. Static Routing is a simple way of segmenting the network and internally routes traffic through the switch for improved efficiency.

## Advanced QoS

Voice and video traffic can be prioritized based on IP address, MAC address, TCP port number, UDP port number, and more. With QoS (Quality of Service), voice and video services remain smooth, even when bandwidth is in short supply.

## ISP Features

QinQ, L2PT PPPoE ID Insertion and IGMP authentication features are provided, developed with service providers in mind. 802.3ah OAM and Device Link Detection Protocol (DLDP) offer easy monitoring and troubleshooting of Ethernet links.

## IPv6 Support

IPv6 functions such as Dual IPv4/IPv6 Stack, MLD Snooping, IPv6 ACL, DHCPv6 Snooping, IPv6 Interface, Path Maximum Transmission Unit (PMTU) Discovery and IPv6 Neighbor Discover guarantee your network is ready for the Next Generation Network (NGN) without upgrading your hardware.