TP-Link Omada SG3210X-M2 dispositivo de redes Gestionado L2+ 2.5G Ethernet (100/1000/2500) 1U Negro

Marca : TP-Link

Familia de productos: Omada

Código del producto:
SG3210X-M2

Nombre del producto :
SG3210X-M2

TP-Link Omada SG3210X-M2. Tipo de interruptor: Gestionado, Capa del interruptor: L2+. Puertos tipo básico de conmutación RJ-45 Ethernet: 2.5G Ethernet (100/1000/2500), Cantidad de puertos básicos de conmutación RJ-45 Ethernet: 8, Puerto de consola: RJ-45/micro-USB. Tabla de direcciones MAC: 16000 entradas, Capacidad de conmutación: 80 Gbit/s. Estándares de red: IEEE 802.1D, IEEE 802.1s, IEEE 802.1w. Conector eléctrico: Conector de entrada de CA. Montaje en rack, Factor de forma: 1U

Management features

Switch type *	Managed
Switch layer	L2+
Quality of Service (QoS) support	✔
Web-based management	✔
Cloud-managed	✔
Traffic classification	✔
ARP inspection	✔
Configuring Location Settings (CLI)	✔
System event log	✔
MIB support	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	8
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)
2.5G Ethernet (copper) ports quantity	8
SFP+ module slots quantity	2
Console port	RJ-45/micro-USB
Power connector	AC-in jack

Network

Networking standards *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w
10G support *	✔
Port mirroring	✔
IP routing	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔
Head-of-line (HOL) blocking	✔
Ethernet LAN data rates	100,1000,2500 Mbit/s
VLAN support	✔

Security

SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
IP-MAC-Port binding	✔
Authentication	MAC-based authentication, Port-based authentication
Password protection	✔
Authentication type	AAA, TACACS+
Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)

Multicast features

Multicast support	✔
Multicast Listener Discovery (MLD) snooping	✔

Protocols

Management protocols	SNMPv1/v2c/v3, SNTP
GARP VLAN Registration Protocol (GVRP)	✔

Design

Rack mounting *	✔
Form factor	1U
Product colour	Black
LED indicators	✔
Number of fans	2 fan(s)

Performance

Fanless	✔

Power

Power source *	AC
Power supply included *	✔
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (typical)	15 W

Operational conditions

Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%

Network

Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN
Number of VLANs	4000

Data transmission

Switching capacity *	80 Gbit/s
Forwarding rate	59.52 Mpps
MAC address table *	16000 entries
Static route	✔
Number of static routes	48
Number of IP interfaces	16
Jumbo frames support	✔
Jumbo frames	9000
Packet buffer memory	12 MB

Security

DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Access Control List (ACL)	✔
IGMP snooping	✔
Security algorithms	HTTPS, SSH, SSH-2, SSL/TLS
MAC address filtering	✔
Static port security	✔

Operational conditions

Storage relative humidity (H-H)	5 - 90%
Heat dissipation	51.18 BTU/h

Weight & dimensions

Width	294 mm
Depth	180 mm
Height	44 mm

Packaging content

Cables included	AC
Quick start guide	✔

Packaging data

Package type	Box
Package width	528 mm
Package depth	250 mm
Package height	80 mm
Package weight	2.84 kg

Certificates

Certification	CE, FCC, RoHS

Logistics data

Harmonized System (HS) code	85176990

4897098689523

0840030709524

840030709524