TP-Link Omada SG3218XP-M2 dispositivo de redes Gestionado L2+ 2.5G Ethernet (100/1000/2500) Energía sobre Ethernet (PoE) 1U Negro

Marca : TP-Link

Familia de productos: Omada

Código del producto: SG3218XP-M2

Nombre del producto :
SG3218XP-M2

TP-Link Omada SG3218XP-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: 16, Puerto de consola: RJ-45/Micro-USB. Tabla de direcciones MAC: 16000 entradas, Capacidad de conmutación: 120 Gbit/s. Estándares de red: IEEE 802.1D, IEEE 802.1s, IEEE 802.1w. Conector eléctrico: Conector de entrada de CA. Energía sobre Ethernet (PoE). 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	✔
ARP inspection	✔
Configuring Location Settings (CLI)	✔
System event log	✔
MIB support	MIB II (RFC1213), Interface MIB (RFC2233), Ethernet Interface MIB (RFC1643), Bridge MIB (RFC1493), P/Q-Bridge MIB (RFC2674), RMON MIB (RFC2819), RMON2 MIB (RFC2021), Radius Accounting Client MIB (RFC2620), Radius Authentication Client MIB (RFC2618), Remote Ping, Traceroute MIB (RFC2925), Support TP-Link private MIB

Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity *	16
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)
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

Security	
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	SNMP v1/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)

Power	
Power source *	AC
Power supply included *	✔
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	299.4 W

Network	
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	✔
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN

Data transmission	
Switching capacity *	120 Gbit/s
Forwarding rate	89.28 Mpps
MAC address table *	16000 entries
Static route	✔
Number of static routes	48
Number of IP interfaces	32
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	✔
SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
IP-MAC-Port binding	✔

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	8
Power over Ethernet (PoE) power per port	30 W
Total Power over Ethernet (PoE) budget	240 W

Operational conditions	
Operating temperature (T-T)	0 - 50 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	1021.64 BTU/h

Weight & dimensions	
Width	440 mm
Depth	180 mm
Height	44 mm

Packaging content	
Cables included	AC
Quick start guide	✔

Packaging data	
Package type	Box

Sustainability	
Sustainability compliance	✔

Certificates	
Compliance certificates	Federal Communications Commission (FCC), RoHS
Certification	CE, FCC, RoHS