TP-Link Omada SG3428X-M2 dispositivo de redes Gestionado L2+ 2.5G Ethernet (100/1000/2500) 1U Negro

Marca : TP-Link

Familia de productos: Omada

Código del producto:
SG3428X-M2

Nombre del producto :
SG3428X-M2

TP-Link Omada SG3428X-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: 24, Puerto de consola: RJ-45/Micro-USB. Tabla de direcciones MAC: 32000 entradas, Capacidad de conmutación: 200 Gbit/s. Estándares de red: IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3bz, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. 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	✔
ARP inspection	✔
Configuring Location Settings (CLI)	✔
System event log	✔
MIB support	Yes

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	24
Basic switching RJ-45 Ethernet ports type *	2.5G Ethernet (100/1000/2500)
2.5G Ethernet (copper) ports quantity	24
SFP+ module slots quantity	4
Console port	RJ-45/Micro-USB
Power connector	AC-in jack

Network

Networking standards *	IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3bz, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z
10G support *	✔
Port mirroring	✔
Policy-based routing	✔
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔
Head-of-line (HOL) blocking	✔
Active link detection	✔
IPv4 routes	48
IPv6 routes	48
VLAN support	✔
Virtual LAN features	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN

Security

IGMP snooping	✔
SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
IP-MAC-Port binding	✔
Authentication	Auto VLAN, Guest VLAN, MAC-based authentication, Port-based authentication
Authentication type	AAA, RADIUS, TACACS+

Multicast features

Multicast support	✔
Multicast Listener Discovery (MLD) snooping	✔

Protocols

Management protocols	SNMP v1/v2c/v3, SNTP
GARP VLAN Registration Protocol (GVRP)	✔
IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracert
IPv4 FIB entries	100
IPv6 FIB entries	100

Design

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

Power

Power source *	AC
Power supply included *	✔
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	45.1 W

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✘

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Data transmission

Switching capacity *	200 Gbit/s
Forwarding rate	148.8 Mpps
MAC address table *	32000 entries
Store-and-forward	✔
Static route	✔
Number of static routes	48
Jumbo frames support	✔
Jumbo frames	9000
Packet buffer memory	16 MB

Security

DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Access Control List (ACL)	✔

Operational conditions

Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	154.38 BTU/h

Weight & dimensions

Width	440 mm
Depth	180 mm
Height	44 mm

Packaging content

Cables included	LAN (RJ-45)
Quick start guide	✔

Certificates

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