TP-Link Omada TL-SG3428XF Gestionado L2+ 1U Negro

Marca : TP-Link

Familia de productos: Omada

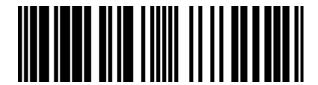**Código del producto:** SG3428XF

Nombre del producto : TL-SG3428XF

TP-Link Omada TL-SG3428XF. Tipo de interruptor: Gestionado, Capa del interruptor: L2+. Puerto de consola: RJ-45/Micro-USB. Tabla de direcciones MAC: 16000 entradas, Capacidad de conmutación: 128 Gbit/s. Estándares de red: IEEE 802.11d, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae,.... 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	RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, RFC2925

Ports & interfaces	
Basic switching RJ-45 Ethernet ports type *	✘
Combo SFP ports quantity	4
SFP+ module slots quantity	4
Fiber ports quantity	20
Fiber optic connector	SFP, SFP+
Console port	RJ-45/Micro-USB
Power connector	AC-in jack

Network	
Networking standards *	IEEE 802.11d, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support *	✔
Port mirroring	✔
IP routing	✔
Policy-based routing	✔
Routing entries	512
Flow control support	✔
Link aggregation	✔
Broadcast storm control	✔
Rate limiting	✔
Spanning tree protocol	✔
Head-of-line (HOL) blocking	✔

Security	
Access Control List (ACL)	✔
IGMP snooping	✔
IGMP proxy	✔
MAC address filtering	✔
SSH/SSL support	✔
Loop protection	✔
BPDU filtering/protection	✔
IP-MAC-Port binding	✔
Authentication	Auto VLAN, Guest VLAN, MAC-based authentication, Port-based authentication
Password protection	✔
Authentication type	AAA, RADIUS, 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)	✔
IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracert

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

Power	
Power source *	AC
Power supply included *	✔
Redundant power supply (RPS) support	✔
Number of power supply units	2
Power consumption (max)	35.7 W

Network

Ethernet LAN data rates	10,100,1000,10000 Mbit/s
Active link detection	✔
IPv4 routes	48
IPv6 routes	48
VLAN support	✔
Virtual LAN features	Port-based VLAN, Private VLAN, Tagged VLAN, VLAN mapping, Voice VLAN
Number of VLANs	4000

Data transmission

Switching capacity *	128 Gbit/s
Forwarding rate	95.23 Mpps
MAC address table *	16000 entries
Store-and-forward	✔
Static route	✔
Number of static routes	48
Jumbo frames support	✔
Jumbo frames	9000
Packet buffer memory	12 MB

Security

DHCP features	DHCP client, DHCP relay, DHCP server

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✗

Operational conditions

Operating temperature (T-T)	0 - 45 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Heat dissipation	121.81 BTU/h

Weight & dimensions

Width	440 mm
Depth	220 mm
Height	44 mm

Packaging content

Cables included	AC
Manual	✔
Rack mount kit	✔

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