



TP-Link Omada SG3428X-M2 netwerk-switch Managed L2+ 2.5G Ethernet (100/1000/2500) 1U Zwart

Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG3428X-M2



Productnaam : SG3428X-M2

TP-Link Omada SG3428X-M2. Switch type: Managed, Switch-laag: L2+. Type basis-switching RJ-45 Ethernet-poorten: 2.5G Ethernet (100/1000/2500), Aantal basis-switching RJ-45 Ethernet-poorten: 24, Console port: RJ-45/Micro-USB. MAC-adrestabel: 32000 entries, Switchingcapaciteit: 200 Gbit/s. Netwerkstandaard: IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3bz, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. Netstekker: AC-in-aansluiting. Rack-montage, Vormfactor: 1U

Beheerfuncties		Beveiliging	
Switch type *	Managed	Access Control List (ACL)	✓
Switch-laag	L2+	IGMP snooping	✓
Quality of Service (QoS)	✓	SSH/SSL support	✓
Web-gebaseerd management	✓	Bescherming lus	✓
Cloud-beheerd	✓	BPDU filtering / bescherming	✓
ARP-inspectie	✓	IP-MAC-Port binding	✓
Locatie-instellingen (CLI) configureren	✓	Authenticatie	Auto VLAN, Gast-VLAN, MAC-gebaseerde authenticatie, Poortgebaseerde authenticatie
System event log	✓	Authenticatie type	AAA, RADIUS, TACACS+
MIB-ondersteuning	Yes		
Poorten & interfaces		Multicast-functies	
Aantal basis-switching RJ-45 Ethernet-poorten *	24	Multicast-ondersteuning	✓
Type basis-switching RJ-45 Ethernet-poorten *	2.5G Ethernet (100/1000/2500)	Multicast Listener Discovery (MLD) snooping	✓
Aantal 2.5G Ethernet (koper)poorten	24	Protocollen	
Aantal moduleslots SPF+	4	Beheerprotocollen	SNMP v1/v2c/v3, SNMP
Console port	RJ-45/Micro-USB	GARP VLAN Registratieprotocol (GVRP)	✓
Netstekker	AC-in-aansluiting	IPv4- & IPv6-functies	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracer
Netwerk		IPv4-FIB-vermeldingen	100
Netwerkstandaard *	IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3bz, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z	IPv6-FIB-vermeldingen	100
10G support *	✓	Design	
Port mirroring	✓	Rack-montage *	✓
Op beleid gebaseerde routing	✓	Vormfactor	1U
Datastroombeheer	✓	Kleur van het product	Zwart
Verbindingsaggregatie	✓	LED-indicatoren	✓
Broadcast stormbeheer	✓	Aantal ventilatoren	1 ventilator(en)
Rate limiting	✓	Energie	
Spanning tree protocol	✓	Stroombron *	AC
Head-of-line (HOL) blocking	✓	Vermogenstoevoer inclusief *	✓
Active Link-detectie	✓	AC-ingangsspanning	100 - 240 V
IPv4-routes	48	AC-ingangsfrequentie	50/60 Hz
IPv6-routes	48	Vermogensverbruik (max)	45,1 W
VLAN=ondersteuning	✓	Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✗

Netwerk		Eisen aan de omgeving	
Virtuele LAN-functies	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Bedrijfstemperatuur (T-T)	0 - 40 °C
		Temperatuur bij opslag	-40 - 70 °C
Data-uitwisseling		Relatieve vochtigheid in bedrijf (V-V)	10 - 90 procent
Switchingcapaciteit *	200 Gbit/s	Luchtvochtigheid bij opslag	5 - 90 procent
Verzending snelheid	148,8 Mpps	Warmtedissipatie	154,38 BTU/h
MAC-adrestabel *	32000 entries	Gewicht en omvang	
Store-and-forward	✓	Breedte	440 mm
Statische route	✓	Diepte	180 mm
Aantal statische routes	48	Hoogte	44 mm
Jumbo Frames ondersteuning	✓	Inhoud van de verpakking	
Jumbo frames	9000	Meegeleverde kabels	LAN (RJ-45)
Packet buffergeheugen	16 MB	Snelstartgids	✓
Beveiliging		Certificaten	
DHCP-functies	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Certificaten van naleving	CE, Federal Communications Commission (FCC), RoHS
		Certificering	CE, FCC, RoHS



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