

TP-Link Omada SG3210X-M2 netwerk-switch Managed L2+ 2.5G Ethernet (100/1000/2500) 1U Zwart

Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG3210X-M2

Productnaam : SG3210X-M2



TP-Link Omada SG3210X-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: 8, Console port: RJ-45/micro-USB. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 80 Gbit/s. Netwerkstandaard: IEEE 802.1D, IEEE 802.1s, IEEE 802.1w. Netstekker: AC-in-aansluiting. Rack-montage, Vormfactor: 1U

Beheerfuncties		Beveiliging	
Switch type *	Managed	Statische poort beveiliging	✓
Switch-laag	L2+	SSH/SSL support	✓
Quality of Service (QoS)	✓	Bescherming lus	✓
Web-gebaseerd management	✓	BPDU filtering / bescherming	✓
Cloud-beheerd	✓	IP-MAC-Port binding	✓
Traffic-classificatie	✓	Authenticatie	MAC-gebaseerde authenticatie, Poortgebaseerde authenticatie
ARP-inspectie	✓	Wachtwoordbeveiliging	✓
Locatie-instellingen (CLI) configureren	✓	Authenticatie type	AAA, TACACS+
System event log	✓	Algoritmen wachtrijplanning	SP, WRR+SP, Weighted Round Robin (WRR)
MIB-ondersteuning	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213	Multicast-functies	
Poorten & interfaces		Multicast-ondersteuning	✓
Aantal basis-switching RJ-45 Ethernet-poorten *	8	Multicast Listener Discovery (MLD) snooping	✓
Type basis-switching RJ-45 Ethernet-poorten *	2.5G Ethernet (100/1000/2500)	Protocollen	
Aantal 2.5G Ethernet (koper)poorten	8	Beheerprotocollen	SNMPv1/v2c/v3, SNMP
Aantal moduleslots SPF+	2	GARP VLAN Registratieprotocol (GVRP)	✓
Console port	RJ-45/micro-USB	Design	
Netstekker	AC-in-aansluiting	Rack-montage *	✓
Netwerk		Vormfactor	1U
Netwerkstandaard *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w	Kleur van het product	Zwart
10G support *	✓	LED-indicatoren	✓
Port mirroring	✓	Aantal ventilatoren	2 ventilator(en)
IP routing	✓	Certificering	CE, FCC, RoHS
Datastroombeheer	✓	Prestatie	
Verbindingsaggregatie	✓	Fanloos	✓
Broadcast stormbeheer	✓	Energie	
Rate limiting	✓	Stroombron *	AC
Spanning tree protocol	✓	Vermogenstoevoer inclusief *	✓
Head-of-line (HOL) blocking	✓	AC-ingangsspanning	100 - 240 V
Ethernet LAN, data-overdrachtsnelheden	100,1000,2500 Mbit/s	AC-ingangsfrequentie	50/60 Hz
VLAN=ondersteuning	✓	Stroomverbruik (typisch)	15 W
Virtuele LAN-functies	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Eisen aan de omgeving	
Aantal VLANs	4000	Bedrijfstemperatuur (T-T)	0 - 50 °C
		Temperatuur bij opslag	-40 - 70 °C
		Relatieve vochtigheid in bedrijf (V-V)	10 - 90 procent
		Luchtvochtigheid bij opslag	5 - 90 procent
		Warmtedissipatie	51,18 BTU/h

Data-uitwisseling		Gewicht en omvang	
Switchingcapaciteit *	80 Gbit/s	Breedte	294 mm
Verzending snelheid	59,52 Mpps	Diepte	180 mm
MAC-adrestabel *	16000 entries	Hoogte	44 mm
Statische route	✓	Verpakking	
Aantal statische routes	48	Meegeleverde kabels	AC
Aantal IP-interfaces	16	Snelstartgids	✓
Jumbo Frames ondersteuning	✓	Type verpakking	Doos
Jumbo frames	9000	Breedte verpakking	528 mm
Packet buffergeheugen	12 MB	Diepte verpakking	250 mm
Beveiliging		Hoogte verpakking	80 mm
DHCP-functies	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Gewicht verpakking	2,84 kg
Access Control List (ACL)	✓	Logistieke gegevens	
IGMP snooping	✓	Code geharmoniseerd systeem (HS) 85176990	
Ondersteunde beveiligingsalgoritmen	HTTPS, SSH, SSH-2, SSL/TLS		
MAC adres filtering	✓		



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