



TP-Link Omada SG3210XHP-M2 netwerk-switch Managed L2+ 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE) 1U Zwart

Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG3210XHP-M2

Productnaam : SG3210XHP-M2



TP-Link Omada SG3210XHP-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. Power over Ethernet (PoE). Rack-montage, Vormfactor: 1U



Beheerfuncties		Beveiliging	
Switch type *	Managed	MAC adres filtering	✓
Switch-laag	L2+	Statische poort beveiliging	✓
Quality of Service (QoS)	✓	SSH/SSL support	✓
Web-gebaseerd management	✓	Bescherming lus	✓
Cloud-beheerd	✓	BPDU filtering / bescherming	✓
Traffic-classificatie	✓	IP-MAC-Port binding	✓
ARP-inspectie	✓	Authenticatie	MAC-gebaseerde authenticatie, Poortgebaseerde authenticatie
Locatie-instellingen (CLI) configureren	✓	Wachtwoordbeveiliging	✓
System event log	✓	Authenticatie type	AAA, TACACS+
MIB-ondersteuning	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213	Algoritmen wachtrijplanning	SP, WRR+SP, Weighted Round Robin (WRR)
Poorten & interfaces		Multicast-functies	
Aantal basis-switching RJ-45 Ethernet-poorten *	8	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	8	Protocollen	
Aantal moduleslots SPF+	2	Beheerprotocollen	SNMPv1/v2c/v3, SNMP
Console port	RJ-45/micro-USB	GARP VLAN Registratieprotocol (GVRP)	✓
Netstekker	AC-in-aansluiting	Design	
Netwerk		Rack-montage *	✓
Netwerkstandaard *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w	Vormfactor	1U
10G support *	✓	Kleur van het product	Zwart
Port mirroring	✓	LED-indicatoren	✓
IP routing	✓	Aantal ventilatoren	2 ventilator(en)
Datastroombeheer	✓	Certificering	CE, FCC, RoHS
Verbindingsaggregatie	✓	Energie	
Broadcast stormbeheer	✓	Stroombron *	AC
Rate limiting	✓	Vermogenstoever inclusief *	✓
		AC-ingangsspanning	100 - 240 V
		AC-ingangsfrequentie	50/60 Hz

Netwerk		Energie	
Spanning tree protocol	✓	Vermogensverbruik (max)	285,9 W
Head-of-line (HOL) blocking	✓	Power over Ethernet (PoE)	
Ethernet LAN, data-overdrachtsnelheden	100,1000,2500 Mbit/s	Power over Ethernet (PoE) *	✓
VLAN=ondersteuning	✓	Aantal Power over Ethernet plus (PoE +)-poorten	8
Virtuele LAN-functies	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Vermogen per poort Power over Ethernet (PoE)	30 W
Aantal VLANs	4000	Totaal Power over Ethernet (PoE)-budget	240 W
Data-uitwisseling		Eisen aan de omgeving	
Switchingcapaciteit *	80 Gbit/s	Bedrijfstemperatuur (T-T)	0 - 45 °C
Verzending snelheid	59,52 Mpps	Temperatuur bij opslag	-40 - 70 °C
MAC-adrestabel *	16000 entries	Relatieve vochtigheid in bedrijf (V-V)	10 - 90 procent
Statische route	✓	Luchtvochtigheid bij opslag	5 - 90 procent
Aantal statische routes	48	Warmtedissipatie	975,54 BTU/h
Aantal IP-interfaces	16	Gewicht en omvang	
Jumbo Frames ondersteuning	✓	Breedte	440 mm
Jumbo frames	9000	Diepte	180 mm
Packet buffergeheugen	12 MB	Hoogte	44 mm
Beveiliging		Verpakking	
DHCP-functies	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Meegeleverde kabels	AC
Access Control List (ACL)	✓	Snelstartgids	✓
IGMP snooping	✓	Type verpakking	Doos
Ondersteunde beveiligingsalgoritmen	HTTPS, SSH, SSH-2, SSL/TLS		



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