



TP-Link Omada SG5452X netwerk-switch Managed L3 Gigabit Ethernet (10/100/1000) Zwart



Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG5452X

Productnaam : SG5452X

TP-Link Omada SG5452X. Switch type: Managed, Switch-laag: L3. Type basis-switching RJ-45 Ethernet-poorten: Gigabit Ethernet (10/100/1000), Aantal basis-switching RJ-45 Ethernet-poorten: 48, Aantal USB 2.0-poorten: 1, Console port: RJ-45. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 176 Gbit/s. Netwerkstandaard: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt. Rack-montage

Beheerfuncties		Design	
Switch type *	Managed	Rack-montage *	✓
Switch-laag	L3	Stapelbaar *	✓
Quality of Service (QoS)	✓	Kleur van het product	Zwart
Web-gebaseerd management	✓	LED-indicatoren	✓
Cloud-beheerd	✓	Prestatie	
ARP-inspectie	✓	Physical stacking (units)	4
Poorten & interfaces		Type processor	✓
Aantal basis-switching RJ-45 Ethernet-poorten *	48	Processorfabrikant	ARM
Type basis-switching RJ-45 Ethernet-poorten *	Gigabit Ethernet (10/100/1000)	Frequentie van processor	1200 MHz
Aantal Gigabit Ethernet (koper)-poorten	48	Type geheugen	DRAM
Aantal moduleslots SPF+	4	Intern geheugen	2000 MB
Aantal USB-Type-C-poorten	1	Flash memory	512 MB
Console port	RJ-45	Upgraden van firmware mogelijk	✓
Aantal USB 2.0-poorten	1	Telnet	✓
Netwerk		Fanloos	✓
Netwerkstandaard *	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt	Mean time between failures (MTBF)	211,644 uur
10G support *	✓	Energie	
Port mirroring	✓	Stroombron *	AC
Verbindingsaggregatie	✓	Vermogenstoevoer inclusief *	✓
Broadcast stormbeheer	✓	AC-ingangsspanning	100 - 240 V
VLAN=ondersteuning	✓	AC-ingangsfrequentie	50/60 Hz
Virtuele LAN-functies	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Voice VLAN	Vermogensverbruik (max)	34,1 W
Aantal VLANs	4000	Spanningsbeveiliging	✓
Data-uitwisseling		Overspanningsbeveiliging in voltage	6 kV
Switchingcapaciteit *	176 Gbit/s	Power over Ethernet (PoE)	
Verzending snelheid	130,94 Mpps	Power over Ethernet (PoE) *	✗
MAC-adrestabel *	16000 entries	Overige specificaties	
Store-and-forward	✓	Beheerniveau	4
Jumbo Frames ondersteuning	✓	Bandbreedte	88 Gbit/s
Jumbo frames	9000	Eisen aan de omgeving	
Packet buffergeheugen	12 MB	Bedrijfstemperatuur (T-T)	-5 - 45 °C
Beveiliging		Temperatuur bij opslag	-40 - 70 °C
DHCP-functies	DHCP relay, DHCP server	Relatieve vochtigheid in bedrijf (V-V)	10 - 90 procent
Access Control List (ACL)	✓	Luchtvochtigheid bij opslag	5 - 90 procent
IGMP snooping	✓	Warmtedissipatie	116,42 BTU/h
		Gewicht en omvang	
		Breedte	440 mm
		Diepte	220 mm
		Hoogte	44 mm

Beveiliging		Inhoud van de verpakking	
Ondersteunde beveiligingsalgoritmen	SNMP, SNMPv2, SNMPv3	Meegeleverde kabels	AC
MAC adres filtering	✓	Snelstartgids	✓
Statische poort beveiliging	✓	Rekbevestigingspakket	✓
SSH/SSL support	✓	Certificaten	
IP-MAC-Port binding	✓	Certificaten van naleving	CE, Federal Communications Commission (FCC), RoHS
Wachtwoordbeveiliging	✓		
Multicast-functies			
Multicast-ondersteuning	✓		



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