



TP-Link Omada SG3218XP-M2 netwerk-switch Managed L2+ 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE) 1U Zwart

Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG3218XP-M2

Productnaam : SG3218XP-M2



TP-Link Omada SG3218XP-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: 16, Console port: RJ-45/Micro-USB. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 120 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	IP-MAC-Port binding	✓
Switch-laag	L2+	Authenticatie	MAC-gebaseerde authenticatie, Poortgebaseerde authenticatie
Quality of Service (QoS)	✓	Wachtwoordbeveiliging	✓
Web-gebaseerd management	✓	Authenticatie type	AAA, TACACS+
Cloud-beheerd	✓	Algoritmen wachtrijplanning	SP, WRR+SP, Weighted Round Robin (WRR)
ARP-inspectie	✓		
Locatie-instellingen (CLI) configureren	✓		
System event log	✓		
MIB-ondersteuning	MIB II (RFC1213), Interface MIB (RFC2233), Ethernet Interface MIB (RFC1643), Bridge MIB (RFC1493), P/Q-Bridge MIB (RFC2674), RMON MIB (RFC2819), RMON2 MIB (RFC2021), Radius Accounting Client MIB (RFC2620), Radius Authentication Client MIB (RFC2618), Remote Ping, Traceroute MIB (RFC2925), Support TP-Link private MIB		
Poorten & interfaces		Multicast-functies	
Aantal basis-switching RJ-45 Ethernet-poorten *	16	Multicast-ondersteuning	✓
Type basis-switching RJ-45 Ethernet-poorten *	2.5G Ethernet (100/1000/2500)	Multicast Listener Discovery (MLD) snooping	✓
Aantal moduleslots SPF+	2		
Console port	RJ-45/Micro-USB		
Netstekker	AC-in-aansluiting		
Netwerk		Protocollen	
Netwerkstandaard *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w	Beheerprotocollen	SNMP v1/v2c/v3, SNTp
10G support *	✓	GARP VLAN Registratieprotocol (GVRP)	✓
Port mirroring	✓		
IP routing	✓		
Datastroombeheer	✓		
		Design	
		Rack-montage *	✓
		Vormfactor	1U
		Kleur van het product	Zwart
		LED-indicatoren	✓
		Aantal ventilatoren	2 ventilator(en)
		Certificering	CE, FCC, RoHS
		Technische details	
		Certificaten van naleving	Federal Communications Commission (FCC), RoHS
		Energie	
		Stroombron *	AC
		Vermogenstoevoer inclusief *	✓
		AC-ingangsspanning	100 - 240 V
		AC-ingangsfrequentie	50/60 Hz
		Vermogensverbruik (max)	299,4 W

Netwerk		Power over Ethernet (PoE)	
Verbindingsaggregatie	✓	Power over Ethernet (PoE) *	✓
Broadcast stormbeheer	✓	Aantal Power over Ethernet plus (PoE +)-poorten	8
Rate limiting	✓	Vermogen per poort Power over Ethernet (PoE)	30 W
Spanning tree protocol	✓	Totaal Power over Ethernet (PoE)-budget	240 W
Head-of-line (HOL) blocking	✓	Eisen aan de omgeving	
Ethernet LAN, data-overdrachtsnelheden	100,1000,2500 Mbit/s	Bedrijfstemperatuur (T-T)	0 - 50 °C
VLAN=ondersteuning	✓	Temperatuur bij opslag	-40 - 70 °C
Virtuele LAN-functies	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Relatieve vochtigheid in bedrijf (V-V)	10 - 90 procent
Data-uitwisseling		Luchtvochtigheid bij opslag	5 - 90 procent
Switchingcapaciteit *	120 Gbit/s	Warmtedissipatie	1021,64 BTU/h
Verzending snelheid	89,28 Mpps	Gewicht en omvang	
MAC-adrestabel *	16000 entries	Breedte	440 mm
Statische route	✓	Diepte	180 mm
Aantal statische routes	48	Hoogte	44 mm
Aantal IP-interfaces	32	Verpakking	
Jumbo Frames ondersteuning	✓	Meegeleverde kabels	AC
Jumbo frames	9000	Snelstartgids	✓
Packet buffergeheugen	12 MB	Type verpakking	Doos
Beveiliging		Duurzaamheid	
DHCP-functies	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Naleving van duurzaamheid	✓
Access Control List (ACL)	✓	Duurzaamheidscertificaten	Federal Communications Commission (FCC), RoHS
IGMP snooping	✓		
Ondersteunde beveiligingsalgoritmen	HTTPS, SSH, SSH-2, SSL/TLS		
MAC adres filtering	✓		
Statische poort beveiliging	✓		
SSH/SSL support	✓		
Bescherming Ius	✓		
BPDU filtering / bescherming	✓		



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