



TP-Link Omada SG3428XPP-M2 netwerk-switch Managed L2+ 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE) 1U Zwart

Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG3428XPP-M2

Productnaam : SG3428XPP-M2



TP-Link Omada SG3428XPP-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. Full duplex. MAC-adrestabel: 32000 entries, Switchingcapaciteit: 200 Gbit/s. Netwerkstandaard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE.... Power over Ethernet (PoE). Rack-montage, Vormfactor: 1U

Beheerfuncties		Beveiliging	
Switch type *	Managed	Authenticatie	Gast-VLAN, MAC-gebaseerde authenticatie, Poortgebaseerde authenticatie
Switch-laag	L2+	Wachtwoordbeveiliging	✓
Quality of Service (QoS)	✓	Authenticatie type	AAA, IEEE 802.1x, RADIUS, TACACS+
Web-gebaseerd management	✓	Algoritmen wachtrijplanning	SP, WRR+SP, Weighted Round Robin (WRR)
Cloud-beheerd	✓		
ARP-inspectie	✓		
Locatie-instellingen (CLI) configureren	✓		
System event log	✓		
MIB-ondersteuning	RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, RFC2925		
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	MLD v1/v2
Aantal 2.5G Ethernet (koper)poorten	24		
Aantal moduleslots SPF+	4		
Console port	RJ-45/Micro-USB		
Netwerk		Protocollen	
Netwerkstandaard *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3bz, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Beheerprotocollen	SNMP v1/v2c/v3
10G support *	✓	GARP VLAN Registratieprotocol (GVRP)	✓
Port mirroring	✓	IPv4- & IPv6-functies	IPv4/IPv6 access-control list (ACL), IPv6 ping, IPv6 portal, IPv6 tracer
Full duplex	✓		
Half-duplex	✓		
Datastroombeheer	✓		
Verbindingsaggregatie	✓		
Broadcast stormbeheer	✓		
Rate limiting	✓		
Spanning tree protocol	✓		
Head-of-line (HOL) blocking	✓		
Ethernet LAN, data-overdrachtsnelheden	10,100,1000,2500,10000 Mbit/s		
IPv4-routes	48		
IPv6-routes	48		
VLAN=ondersteuning	✓		
		Design	
		Rack-montage *	✓
		Vormfactor	1U
		Kleur van het product	Zwart
		LED-indicatoren	✓
		Overtollige fans ondersteuning	✓
		Aantal ventilatoren	3 ventilator(en)
		Prestatie	
		Type geheugen	DRAM
		Intern geheugen	256 MB
		Flash memory	32 MB
		Technische details	
		Certificaten van naleving	CE, Federal Communications Commission (FCC), RoHS
		Energie	
		Stroombron *	AC/PoE
		Vermogenstoevoer inclusief *	✓
		Redundante voeding	✓
		AC-ingangsspanning	100 - 240 V
		AC-ingangsfrequentie	50/60 Hz
		Vermogensverbruik (max)	629,1 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓

Netwerk		Power over Ethernet (PoE)	
Virtuele LAN-functies	MAC address-based VLAN, Port-based VLAN, Protocol-based VLAN, Stacked VLAN, Tagged VLAN, Voice VLAN	Aantal Power over Ethernet plus (PoE +)-poorten	16
		Aantal Power over Ethernet 4PPoE (PoE++)-poorten	8
		Totaal Power over Ethernet (PoE)-budget	500 W
Data-uitwisseling		Eisen aan de omgeving	
Switchingcapaciteit *	200 Gbit/s	Bedrijfstemperatuur (T-T)	0 - 40 °C
Verzending snelheid	148,8 Mpps	Temperatuur bij opslag	-40 - 70 °C
MAC-adrestabel *	32000 entries	Relatieve vochtigheid in bedrijf (V-V)	10 - 90 procent
Store-and-forward	✓	Luchtvochtigheid bij opslag	5 - 90 procent
Aantal wachtrijen	8	Warmtedissipatie	2153,45 BTU/h
Statische route	✓	Gewicht en omvang	
Aantal statische routes	48	Breedte	440 mm
Aantal IP-interfaces	32	Diepte	330 mm
Jumbo Frames ondersteuning	✓	Hoogte	44 mm
Jumbo frames	9000	Verpakking	
Packet buffergeheugen	16 MB	Meegeleverde kabels	AC
Beveiliging		Snelstartgids	✓
DHCP-functies	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Rekbevestigingspakket	✓
Access Control List (ACL)	✓	Duurzaamheid	
IGMP snooping	✓	Naleving van duurzaamheid	✓
Ondersteunde beveiligingsalgoritmen	HTTPS, SSH, SSH-2, SSL/TLS	Duurzaamheidscertificaten	CE, Federal Communications Commission (FCC), RoHS
Statische poort beveiliging	✓		
SSH/SSL support	✓		
Bescherming lus	✓		
BPDU filtering / bescherming	✓		
IP-MAC-Port binding	✓		



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