



TP-Link Omada TL-SG3428XF Managed L2+ 1U Zwart

Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG3428XF

Productnaam : TL-SG3428XF



TP-Link Omada TL-SG3428XF. Switch type: Managed, Switch-laag: L2+. Console port: RJ-45/Micro-USB. MAC-adrestabel: 16000 entries, Switchingcapaciteit: 128 Gbit/s. Netwerkstandaard: IEEE 802.11d, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae,.... Netstekker: AC-in-aansluiting. Rack-montage, Vormfactor: 1U

Beheerfuncties		Beveiliging	
Switch type *	Managed	DHCP-functies	DHCP client, DHCP relay, DHCP server
Switch-laag	L2+	Access Control List (ACL)	✓
Quality of Service (QoS)	✓	IGMP snooping	✓
Web-gebaseerd management	✓	IGMP-proxy	✓
Cloud-beheerd	✓	MAC adres filtering	✓
ARP-inspectie	✓	SSH/SSL support	✓
Locatie-instellingen (CLI) configureren	✓	Bescherming lus	✓
System event log	✓	BPDU filtering / bescherming	✓
MIB-ondersteuning	RFC1213, RFC2233, RFC1643, RFC1493, RFC2674, RFC2819, RFC2021, RFC2620, RFC2618, RFC2925	IP-MAC-Port binding	✓
		Authenticatie	Auto VLAN, Gast-VLAN, MAC-gebaseerde authenticatie, Poortgebaseerde authenticatie
		Wachtwoordbeveiliging	✓
		Authenticatie type	AAA, RADIUS, TACACS+
		Algoritmen wachtrijplanning	SP, WRR+SP, Weighted Round Robin (WRR)
Poorten & interfaces		Multicast-functies	
Type basis-switching RJ-45 Ethernet-poorten *	✗	Multicast-ondersteuning	✓
Aantal Combo SFP-poorten	4	Multicast Listener Discovery (MLD) snooping	✓
Aantal moduleslots SFP+	4		
Fibre channel-poorten	20	Protocollen	
Vezel-optische connector	SFP, SFP+	Beheerprotocollen	SNMPv1/v2c/v3, SNMP
Console port	RJ-45/Micro-USB	GARP VLAN Registratieprotocol (GVRP)	✓
Netstekker	AC-in-aansluiting	IPv4- & IPv6-functies	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracert
Netwerk		Design	
Netwerkstandaard *	IEEE 802.11d, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Rack-montage *	✓
10G support *	✓	Vormfactor	1U
Port mirroring	✓	Kleur van het product	Zwart
IP routing	✓	LED-indicatoren	✓
Op beleid gebaseerde routing	✓	Aantal ventilatoren	1 ventilator(en)
Routing entries	512	Energie	
Datastroombeheer	✓	Stroombron *	AC
Verbindingsaggregatie	✓	Vermogenstoevoer inclusief *	✓
Broadcast stormbeheer	✓	Redundante voeding	✓
Rate limiting	✓	Aantal voedingen	2
Spanning tree protocol	✓	Vermogensverbruik (max)	35,7 W
Head-of-line (HOL) blocking	✓	Power over Ethernet (PoE)	
Ethernet LAN, data-overdrachtsnelheden	10,100,1000,10000 Mbit/s	Power over Ethernet (PoE) *	✗
Active Link-detectie	✓		
IPv4-routes	48		
IPv6-routes	48		
VLAN=ondersteuning	✓		

Netwerk		Eisen aan de omgeving	
Virtuele LAN-functies	Port-based VLAN, Private VLAN, Tagged VLAN, VLAN mapping, Voice VLAN	Bedrijfstemperatuur (T-T)	0 - 45 °C
Aantal VLANs	4000	Temperatuur bij opslag	-40 - 70 °C
Data-uitwisseling		Relatieve vochtigheid in bedrijf (V-V)	10 - 90 procent
Switchingcapaciteit *	128 Gbit/s	Luchtvochtigheid bij opslag	5 - 90 procent
Verzending snelheid	95,23 Mpps	Warmtedissipatie	121,81 BTU/h
MAC-adrestabel *	16000 entries	Gewicht en omvang	
Store-and-forward	✓	Breedte	440 mm
Statische route	✓	Diepte	220 mm
Aantal statische routes	48	Hoogte	44 mm
Jumbo Frames ondersteuning	✓	Verpakking	
Jumbo frames	9000	Meegeleverde kabels	AC
Packet buffergeheugen	12 MB	Gebruikershandleiding	✓
		Rekbevestigingspakket	✓



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