TP-Link Omada SG3428 Netzwerk-Switch Managed L2/L3 Gigabit Ethernet (10/100/1000) 1U Schwarz

Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** SG3428

Produktname : SG3428



TP-Link Omada SG3428. Switch-Typ: Managed, Switch-Ebene: L2/L3. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24, Konsolen-Port: RJ-45/Micro-USB. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 56 Gbit/s. Netzstandard: IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. Rack-Einbau, Formfaktor: 1U

Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L2/L3
Quality of Service (QoS) Support	✔
Web-basiertes Management	✔
Cloud-verwaltet	✔
ARP-Inspektion	✔
Konfiguration der Standorteinstellungen (CLI)	✔
Systemereignisprotokoll	✔
MIB Unterstützung	Yes

Anschlüsse und Schnittstellen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)
Anzahl Gigabit Ethernet (Kupfer) Anschlüsse	24
Menge SFP-Modul-Steckplätze	4
Konsolen-Port	RJ-45/Micro-USB

Netzwerk	
Netzstandard *	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z
10G-Unterstützung *	✘
Port-Spiegelung	✔
IP-Routing	✔
Richtlinienbasiertes Routing	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Spannbaum-Protokoll	✔
Head-of-Line (HOL)-Blocking	✔
Ethernet LAN Datentransferraten	10,100,1000 Mbit/s
IPv4-Routen	48
IPv6-Routen	48
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN

Sicherheit	
DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Zugriffkontrollliste	✔
IGMP-Snooping	✔
MAC Adressen Filtern	✔
Statische Anschlusssicherheit	✔
SSH-/SSL-Unterstützung	✔
Loop Protection	✔
BPDU-Filterung/Schutz	✔
IP-MAC-Portbindung	✔
Authentifizierung	MAC-basierte Authentifizierung, Port-basierte Authentifizierung
Autentifizierungstyp	AAA, RADIUS, TACACS+

Multicast-Funktionen	
Multicast Unterstützung	✔
Multicast Listener Discovery (MLD) Snooping	✔

Protokolle	
Management-Protokolle	SNMPv1/v2c/v3, SNTP
GARP VLAN Registration Protocol (GVRP)	✔
IPv4 & IPv6-Funktionen	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracert

Design	
Rack-Einbau *	✔
Formfaktor	1U
Produktfarbe	Schwarz
LED-Anzeigen	✔
Anzahl Lüfter	0 Lüfter

Energie	
Energiequelle *	AC
Netzteil enthalten *	✘
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (max.)	20,6 W

Netzwerk	
Anzahl der VLANs	4000

Datenübertragung	
Routing-/Switching-Kapazität *	56 Gbit/s
Transferrate	41,66 Mpps
MAC-Adressentabelle *	16000 Eintragungen
Store-and-Forward	✔
Statische Route	✔
Anzahl der statischen Routen	48
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9000
Datenpaket-Pufferspeicher	12 MB

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✘

Betriebsbedingungen	
Betriebstemperatur	0 - 45 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%
Wärmeableitung	70,3 BTU/h

Gewicht und Abmessungen	
Breite	440 mm
Tiefe	180 mm
Höhe	44 mm

Lieferumfang	
Mitgelieferte Kabel	LAN (RJ-45)
Schnellstartübersicht	✔

6935364010713

1210002611886

0840460605113

840460605113

Catalog Object Cloud

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