



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		Sicherheit	
Switch-Typ *	Managed	DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Switch-Ebene	L2/L3	Zugriffskontrollliste	✓
Quality of Service (QoS) Support	✓	IGMP-Snooping	✓
Web-basiertes Management	✓	MAC Adressen Filtern	✓
Cloud-verwaltet	✓	Statische Anschlusssicherheit	✓
ARP-Inspektion	✓	SSH-/SSL-Unterstützung	✓
Konfiguration der Standorteinstellungen (CLI)	✓	Loop Protection	✓
Systemereignisprotokoll	✓	BPDU-Filterung/Schutz	✓
MIB Unterstützung	Yes	IP-MAC-Portbindung	✓
Anschlüsse und Schnittstellen		Authentifizierung	MAC-basierte Authentifizierung, Port-basierte Authentifizierung
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24	Authentifizierungstyp	AAA, RADIUS, TACACS+
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)	Multicast-Funktionen	
Anzahl Gigabit Ethernet (Kupfer) Anschlüsse	24	Multicast Unterstützung	✓
Menge SFP-Modul-Steckplätze	4	Multicast Listener Discovery (MLD) Snooping	✓
Konsolen-Port	RJ-45/Micro-USB	Protokolle	
Netzwerk		Management-Protokolle	SNMPv1/v2c/v3, SNMP
Netzstandard *	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z	GARP VLAN Registration Protocol (GVRP)	✓
10G-Unterstützung *	✗	IPv4 & IPv6-Funktionen	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracertr
Port-Spiegelung	✓	Design	
IP-Routing	✓	Rack-Einbau *	✓
Richtlinienbasiertes Routing	✓	Formfaktor	1U
Unterstützung Datenflusssteuerung	✓	Produktfarbe	Schwarz
Link Aggregation	✓	LED-Anzeigen	✓
Broadcast-Sturmkontrolle	✓	Energie	
Ratenbeschränkung	✓	Energiequelle *	AC
Spannbaum-Protokoll	✓	Netzteil enthalten *	✗
Head-of-Line (HOL)-Blocking	✓	AC Eingangsspannung	100 - 240 V
Ethernet LAN Datentransferraten	10,100,1000 Mbit/s	AC Eingangsfrequenz	50/60 Hz
IPv4-Routen	48	Stromverbrauch (max.)	20,6 W
IPv6-Routen	48	Power over Ethernet (PoE)	
VLAN-Unterstützung	✓	Power over Ethernet (PoE) *	✗
Virtuelle LAN-Funktionen	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Betriebsbedingungen	
Anzahl der VLANs	4000	Betriebstemperatur	0 - 45 °C
Datenübertragung		Temperaturbereich bei Lagerung	-40 - 70 °C
Routing-/Switching-Kapazität *	56 Gbit/s	Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Transferrate	41,66 Mpps	Luftfeuchtigkeit bei Lagerung	5 - 90%
MAC-Adressentabelle *	16000 Eintragungen		
Store-and-Forward	✓		

Datenübertragung		Betriebsbedingungen	
Statische Route	✓	Wärmeableitung	70,3 BTU/h
Anzahl der statischen Routen	48	Gewicht und Abmessungen	
Jumbo Frames Unterstützung	✓	Breite	440 mm
Jumbo-Frames	9000	Tiefe	180 mm
Datenpaket-Pufferspeicher	12 MB	Höhe	44 mm
		Verpackungsdaten	
		Mitgelieferte Kabel	LAN (RJ-45)
		Schnellstartübersicht	✓



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