TP-Link Omada SG3428MP Netzwerk-Switch Managed L2+ Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Schwarz

Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** SG3428MP

Produktname : SG3428MP



TP-Link Omada SG3428MP. Switch-Typ: Managed, Switch-Ebene: L2+. 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 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. Netzstecker: AC-Eingangsbuchse. Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U

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

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
Netzstecker	AC-Eingangsbuchse

Netzwerk	
Netzstandard *	IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z
10G-Unterstützung *	✘
Kupfer Ethernet Verkabelungstechnologie	10BASE-T, 1000BASE-T
Port-Spiegelung	✔
IP-Routing	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Spannbaum-Protokoll	✔
Head-of-Line (HOL)-Blocking	✔
Ethernet LAN Datentransferraten	10,100,1000 Mbit/s
Active-Link-Erfassung	✔
VLAN-Unterstützung	✔

Sicherheit	
MAC Adressen Filtern	✔
Statische Anschlusssicherheit	✔
SSH-/SSL-Unterstützung	✔
Loop Protection	✔
BPDU-Filterung/Schutz	✔
IP-MAC-Portbindung	✔
Authentifizierung	MAC-basierte Authentifizierung, Port-basierte Authentifizierung

Multicast-Funktionen	
Multicast Unterstützung	✔

Protokolle	
Management-Protokolle	SNMPv1/v2c/v3, LLDP/LLDP-MED
GARP VLAN Registration Protocol (GVRP)	✔

Design	
Rack-Einbau *	✔
Formfaktor	1U
Produktfarbe	Schwarz
LED-Anzeigen	✔
Anzahl Lüfter	2 Lüfter

Leistungen	
Exportkontroll-Klassifizierungsnummer (ECCN)	EAR99

Energie	
Energiequelle *	AC
Netzteil enthalten *	✔
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (max.)	480,1 W

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Anzahl Power over Ethernet plus (PoE+) Anschlüsse	24
Power over Ethernet (PoE) Leistung pro Anschluss	30 W
Gesamtleistung Power over Ethernet (PoE)	384 W

Netzwerk	
Virtuelle LAN-Funktionen	MAC address-based VLAN, Port-based VLAN, Private VLAN, Tagged VLAN, Voice VLAN
Anzahl der VLANs	4000

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

Sicherheit	
DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Zugriffkontrollliste	✔
IGMP-Snooping	✔
Unterstützte Sicherheitsalgorithmen	SSH, SSL/TLS

Betriebsbedingungen	
Betriebstemperatur	0 - 45 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%
Wärmeableitung	1637,14 BTU/h

Gewicht und Abmessungen	
Breite	440 mm
Tiefe	330 mm
Höhe	44 mm

Lieferumfang	
Schnellstartübersicht	✔
Benutzerhandbuch	✔

Zertifikate	
Zertifizierung	CE, FCC, RoHS

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