TP-Link SG5428XMPP Netzwerk-Switch Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Schwarz



Marke : TP-Link **Artikel-Code:** SG5428XMPP

Produktname : SG5428XMPP

TP-Link SG5428XMPP. Switch-Typ: Managed, Switch-Ebene: L3. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24, Anzahl USB 2.0 Anschlüsse: 1, Konsolen-Port: RJ-45. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 128 Gbit/s. Netzstandard: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt. Power over Ethernet (PoE). Rack-Einbau

Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L3
Quality of Service (QoS) Support	✔
Web-basiertes Management	✔
Cloud-verwaltet	✔
ARP-Inspektion	✔

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 Modul-Steckplätze SFP+	4
USB Typ-C Anzahl Anschlüsse	1
Konsolen-Port	RJ-45
Anzahl USB 2.0 Anschlüsse	1

Netzwerk	
Netzstandard *	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
10G-Unterstützung *	✔
Port-Spiegelung	✔
Link Aggregation	✔
Broadcast-Sturmkontrolle	✔
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	Voice VLAN, MAC address-based VLAN, Private VLAN, Protocol-based VLAN
Anzahl der VLANs	4000

Datenübertragung	
Routing-/Switching-Kapazität *	128 Gbit/s
Transferrate	95,23 Mpps
MAC-Adressentabelle *	16000 Eintragungen
Store-and-Forward	✔
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9000
Datenpaket-Pufferspeicher	12 MB

Sicherheit	
DHCP-Funktionen	DHCP relay, DHCP server
IGMP-Snooping	✔
Unterstützte Sicherheitsalgorithmen	SNMP, SNMPv2, SNMPv3

Leistungen	
Physisches Stacking (Einheiten)	4
Eingebauter Prozessor	✔
Prozessorhersteller	ARM
Prozessortaktfrequenz	1200 MHz
Speichertyp	DRAM
Speicherkapazität	2000 MB
Flash-Speicher	512 MB
Upgradefähige Firmware	✔
Telnet	✔
Mittlere Betriebsdauer zwischen Ausfällen (MTBF)	292,83 h

Energie	
Energiequelle *	AC/PoE
Netzteil enthalten *	✔
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (max.)	587,7 W
Druckanstiegsschutz	✔
Druckanstieg-Schutzspannung	6 kV

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Power-over-Ethernet (PoE)-Typ unterstützt	PoE+, PoE++ (4PPoE)
Anzahl Power over Ethernet plus (PoE+) Anschlüsse	16
Anzahl der Power over Ethernet 4PPoE- (PoE++) Anschlüsse	8
Power over Ethernet (PoE) Leistung pro Anschluss	90 W
Gesamtleistung Power over Ethernet (PoE)	500 W

Sonstige Funktionen	
Führungsebene	4
Bandbreite	64 Gbit/s

Betriebsbedingungen	
Betriebstemperatur	-5 - 45 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%

Gewicht und Abmessungen	
Breite	440 mm
Tiefe	330 mm

Sicherheit	
MAC Adressen Filtern	✔
Statische Anschlusssicherheit	✔
SSH-/SSL-Unterstützung	✔
IP-MAC-Portbindung	✔
Passwortschutz	✔

Multicast-Funktionen	
Multicast Unterstützung	✔

Design	
Rack-Einbau *	✔
Stapelbar *	✔
Produktfarbe	Schwarz
LED-Anzeigen	✔
Anzahl Lüfter	3 Lüfter

Gewicht und Abmessungen	
Höhe	44 mm

Lieferumfang	
Mitgelieferte Kabel	AC
Schnellstartübersicht	✔
Rackmontageset	✔

Zertifikate	
Konformitätsbescheinigungen	Eidgenössische Kommunikationskommission (FCC), RoHS, CE



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