TP-Link Omada TL-SG2428P Managed L2/L2+ Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Schwarz

Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** SG2428P

Produktname : TL-SG2428P



TP-Link Omada TL-SG2428P. Switch-Typ: Managed, Switch-Ebene: L2/L2+. Basic Switching RJ-45 Ethernet Ports-Typ: Gigabit Ethernet (10/100/1000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 24. MAC-Adressentabelle: 8000 Eintragungen, Routing-/Switching-Kapazität: 56 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U

Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L2/L2+
Quality of Service (QoS) Support	✔
Web-basiertes Management	✔
ARP-Inspektion	✔
Systemereignisprotokoll	✔
MIB Unterstützung	✔

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

Netzwerk	
Netzstandard *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G-Unterstützung *	✘
Kupfer Ethernet Verkabelungstechnologie	10BASE-T, 1000BASE-T
unterstütze Kabeltypen	Cat3, Cat4, Cat5, Cat5e
Port-Spiegelung	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Spannbaum-Protokoll	✔
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	MAC address-based VLAN, Protocol-based VLAN, Voice VLAN
Anzahl der VLANs	4000

Sicherheit	
SSH-/SSL-Unterstützung	✔
BPDU-Filterung/Schutz	✔
IP-MAC-Portbindung	✔
Autentifizierungstyp	RADIUS
Warteschleifenplanungs-Algorithmen	SP, WRR+SP, Weighted Round Robin (WRR)

Multicast-Funktionen	
Multicast Unterstützung	✔

Protokolle	
Management-Protokolle	SNMPv1/v2c/v3, SNTP

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

Leistungen	
Upgradefähige Firmware	✔

Energie	
Energiequelle *	AC
Netzteil enthalten *	✔
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (max.)	301,1 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)	250 W

Betriebsbedingungen	
Betriebstemperatur	0 - 50 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%

Lichtwellenleiter	
Ethernet-Kabel Verkablungstechnologie	1000BASE-X

Datenübertragung	
Routing-/Switching-Kapazität *	56 Gbit/s
Transferrate	41,66 Mpps
MAC-Adressentabelle *	8000 Eintragungen
Anzahl Queues	8
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9000
Datenpaket-Pufferspeicher	4,1 MB

Sicherheit	
DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client
Zugriffkontrollliste	✔
IGMP-Snooping	✔
Unterstützte Sicherheitsalgorithmen	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS

Betriebsbedingungen	
Wärmeableitung	1052,94 BTU/h

Gewicht und Abmessungen	
Breite	440 mm
Tiefe	220 mm
Höhe	44 mm

Lieferumfang	
Mitgelieferte Kabel	AC
Benutzerhandbuch	✔
Rackmontageset	✔

Zertifikate	
Zertifizierung	CE, FCC, RoHS

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