



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(UN)



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		Sicherheit	
Switch-Typ *	Managed	SSH-/SSL-Unterstützung	✓
Switch-Ebene	L2/L2+	BPDU-Filterung/Schutz	✓
Quality of Service (QoS) Support	✓	IP-MAC-Portbindung	✓
Web-basiertes Management	✓	Authentifizierungstyp	RADIUS
ARP-Inspektion	✓	Warteschleifenplanungs-Algorithmen	SP, WRR+SP, Weighted Round Robin (WRR)
Systemereignisprotokoll	✓	Multicast-Funktionen	
MIB Unterstützung	✓	Multicast Unterstützung	✓
Anschlüsse und Schnittstellen		Protokolle	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	24	Management-Protokolle	SNMPv1/v2c/v3, SNMP
Basic Switching RJ-45 Ethernet Ports-Typ *	Gigabit Ethernet (10/100/1000)	Design	
Anzahl Gigabit Ethernet (Kupfer) Anschlüsse	24	Rack-Einbau *	✓
Menge SFP-Modul-Steckplätze	4	Formfaktor	1U
Netzwerk		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%

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
unterstützte 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

Lichtwellenleiter		Betriebsbedingungen	
Ethernet-Kabel Verkablungstechnologie	1000BASE-X	Wärmeableitung	1052,94 BTU/h
Datenübertragung		Gewicht und Abmessungen	
Routing-/Switching-Kapazität *	56 Gbit/s	Breite	440 mm
Transferrate	41,66 Mpps	Tiefe	220 mm
MAC-Adressentabelle *	8000 Eintragungen	Höhe	44 mm
Anzahl Queues	8	Lieferumfang	
Jumbo Frames Unterstützung	✓	Mitgelieferte Kabel	AC
Jumbo-Frames	9000	Benutzerhandbuch	✓
Datenpaket-Pufferspeicher	4,1 MB	Rackmontageset	✓
Sicherheit		Zertifikate	
DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client	Zertifizierung	CE, FCC, RoHS
Zugriffskontrollliste	✓		
IGMP-Snooping	✓		
Unterstützte Sicherheitsalgorithmen	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS		

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