



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

Merk : TP-Link

Productfamilie: Omada

Artikelcode: SG2428P

Productnaam : TL-SG2428P



TP-Link Omada TL-SG2428P. Switch type: Managed, Switch-laag: L2/L2+. Type basis-switching RJ-45 Ethernet-poorten: Gigabit Ethernet (10/100/1000), Aantal basis-switching RJ-45 Ethernet-poorten: 24. MAC-adrestabel: 8000 entries, Switchingcapaciteit: 56 Gbit/s. Netwerkstandaard: 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-montage, Vormfactor: 1U

Management features		Security	
Switch type *	Managed	SSH/SSL support	✓
Switch layer	L2/L2+	BPDU filtering/protection	✓
Quality of Service (QoS) support	✓	IP-MAC-Port binding	✓
Web-based management	✓	Authentication type	RADIUS
ARP inspection	✓	Queue scheduling algorithms	SP, WRR+SP, Weighted Round Robin (WRR)
System event log	✓		
MIB support	✓		
Ports & interfaces		Multicast features	
Basic switching RJ-45 Ethernet ports quantity *	24	Multicast support	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Protocols	
Gigabit Ethernet (copper) ports quantity	24	Management protocols	SNMPv1/v2c/v3, SNMP
SFP module slots quantity	4	Design	
Network		Rack mounting *	✓
Networking standards *	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	Form factor	1U
10G support *	✗	Product colour	Black
Copper ethernet cabling technology	10BASE-T, 1000BASE-T	Number of fans	2 fan(s)
Cable types supported	Cat3, Cat4, Cat5, Cat5e	Performance	
Port mirroring	✓	Firmware upgradeable	✓
Flow control support	✓	Power	
Link aggregation	✓	Power source *	AC
Broadcast storm control	✓	Power supply included *	✓
Rate limiting	✓	AC input voltage	100 - 240 V
Spanning tree protocol	✓	AC input frequency	50/60 Hz
VLAN support	✓	Power consumption (max)	301.1 W
Virtual LAN features	MAC address-based VLAN, Protocol-based VLAN, Voice VLAN	Power over Ethernet (PoE)	
Number of VLANs	4000	Power over Ethernet (PoE) *	✓
Optical fiber		Power over Ethernet plus (PoE+) ports quantity	24
Fiber ethernet cabling technology	1000BASE-X	Power over Ethernet (PoE) power per port	30 W
		Total Power over Ethernet (PoE) budget	250 W
		Operational conditions	
		Operating temperature (T-T)	0 - 50 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	10 - 90%
		Storage relative humidity (H-H)	5 - 90%

Data transmission		Operational conditions	
Switching capacity *	56 Gbit/s	Heat dissipation	1052.94 BTU/h
Forwarding rate	41.66 Mpps	Weight & dimensions	
MAC address table *	8000 entries	Width	440 mm
Number of queues	8	Depth	220 mm
Jumbo frames support	✓	Height	44 mm
Jumbo frames	9000	Packaging content	
Packet buffer memory	4.1 MB	Cables included	AC
Security		User guide	✓
DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client	Rack mount kit	✓
Access Control List (ACL)	✓	Certificates	
IGMP snooping	✓	Certification	CE, FCC, RoHS
Security algorithms	HTTPS, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS		



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