

TP-Link Omada SG3428 network switch

Artikel	121009
Herstellernummer	SG3428
EAN	6935364010713
TP-Link	



TP-Link | Omada L2+ managed switches provide high performance, powerful L2 and L2+ features like static routing, enterprise-level QoS, advanced security strategies and a bundle of ISP features. The IP-MAC-Port Binding (IMPB) and Access Control List (ACL) functions protect against broadcast storm, ARP and Denial-of-Service (DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. The OAM and DDM functions help facilitate network management. Moreover, the easy-to-use web management interfaces, along with CLI, SNMP and Dual Image mean faster setup and configuration with less downtime. TP-Link | Omada L2+ managed Switches provide a reliable, secure solution for enterprise, campus and ISP networks.

Zusammenfassung

TP-Link | Omada L2+ managed switches provide high performance, powerful L2 and L2+ features like static routing, enterprise-level QoS, advanced security strategies and a bundle of ISP features. The IP-MAC-Port Binding (IMPB) and Access Control List (ACL) functions protect against broadcast storm, ARP and Denial-of-Service (DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. The OAM and DDM functions help facilitate network management. Moreover, the easy-to-use web management interfaces, along with CLI, SNMP and Dual Image mean faster setup and configuration with less downtime. TP-Link | Omada L2+ managed Switches provide a reliable, secure solution for enterprise, campus and ISP networks.

TP-Link Omada 24-Port Gigabit L2+ Managed Switch with 4 SFP Slots, Managed, L2/L3, Gigabit Ethernet (10/100/1000), Rack mounting, 1U

TP-Link Omada 24-Port Gigabit L2+ Managed Switch with 4 SFP Slots. Switch type: Managed, Switch layer: L2/L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24, Console port: RJ-45/Micro-USB. MAC address table: 16000 entries, Switching capacity: 56 Gbit/s. Networking standards: IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. Rack mounting, Form factor: 1U

Merkmale

Power over Ethernet (PoE)

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity 24

Power over Ethernet (PoE)	No
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Multicast features

Multicast support	Yes
Multicast Listener Discovery (MLD) snooping	Y

Packaging content

Cables included	LAN (RJ-45)
Quick start guide	Yes

Protocols

Management protocols	SNMPv1/v2c/v3, SNMP
GARP VLAN Registration Protocol (GVRP)	Yes
IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL), IPv6 Telnet, IPv6 ping, IPv6 tracert

Weight & dimensions

Width	440 mm
Depth	180 mm
Height	44 mm

Design

Rack mounting	Yes
Form factor	1U
Product colour	Black
LED indicators	Yes
Number of fans	0 fan(s)

Operational conditions

Operating temperature (T-T)	0 - 45 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-10 - 90% H)	
Storage relative humidity (H-5 - 90% H)	
Heat dissipation	70.3 BTU/h

Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Gigabit Ethernet (copper) ports quantity	24
SFP module slots quantity	4
Console port	RJ-45/Micro-USB

Power

Power source	AC
Power supply included	No
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power consumption (max)	20.6 W

Data transmission

Switching capacity	56 Gbit/s
Forwarding rate	41.66 Mpps
MAC address table	16000 entries
Store-and-forward	Yes
Static route	Yes
Number of static routes	48
Jumbo frames support	Yes
Jumbo frames	9000
Packet buffer memory	12 MB

Management features

Switch type	Managed
Switch layer	L2/L3
Quality of Service (QoS) support	Yes
Web-based management	Yes
Cloud-managed	Yes
ARP inspection	Yes
Configuring Location Settings (CLI)	Yes
System event log	Yes
MIB support	Yes

Security

DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Access Control List (ACL)	Yes
IGMP snooping	Yes
MAC address filtering	Yes
Static port security	Yes
SSH/SSL support	Yes
Loop protection	Yes
BPDU filtering/protection	Yes
IP-MAC-Port binding	Yes
Authentication	MAC-based authentication, Port-based authentication
Authentication type	AAA, RADIUS, TACACS+

Network

Networking standards	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z
10G support	No
Port mirroring	Yes
IP routing	Yes
Policy-based routing	Yes
Flow control support	Yes
Link aggregation	Yes
Broadcast storm control	Yes
Rate limiting	Yes
Spanning tree protocol	Yes
Head-of-line (HOL) blocking	Yes
Ethernet LAN data rates	10,100,1000 Mbit/s
IPv4 routes	48
IPv6 routes	48
VLAN support	Yes
Virtual LAN features	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN
Number of VLANs	4000

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.