

## TP-Link Omada 52-Port Gigabit L2+ Managed Switch with 48-Port PoE+

Brand: TP-Link Product family: Omada Product code: SG3452P

Product name: Omada 52-Port Gigabit L2+ Managed Switch

with 48-Port PoE+



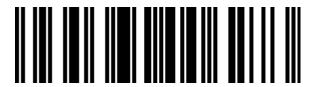
 $48\times$  Gigabit 802.3af/at PoE+,  $4\times$  Gigabit SFP,  $1\times$  RJ45 Console,  $1\times$  Micro-USB Console, 104 Gbps, 16 K MAC, 9 KB Jumbo,  $440\times330\times44$  mm

## TP-Link Omada 52-Port Gigabit L2+ Managed Switch with 48-Port PoE+:

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-ofService (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.

Management features		Security	
Switch type *	Managed	Loop protection	✓
Switch layer	L2/L3	BPDU filtering/protection	✓
Quality of Service (QoS) support	<b>✓</b>	Authentication	MAC-based authentication, Port- based authentication
Web-based management	<b>/</b>	Password protection	✓
Cloud-managed	<b>✓</b>	Password protection	•
ARP inspection	<b>✓</b>	Multicast features	
System event log	<b>✓</b>	Multicast support	✓
MIB support	Yes	Protocols	
Ports & interfaces		Management protocols	SNMPv1/v2c/v3, SNTP
Basic switching RJ-45 Ethernet ports quantity *	48	GARP VLAN Registration Protocol (GVRP)	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Design	
SFP module slots quantity	4	Rack mounting *	✓
Console port	RJ-45/micro-USB	Form factor	1U
Power connector	AC-in jack	Product colour	Black
Network		Reset button	✓
	IEEE 802.1D, IEEE 802.1p, IEEE	LED indicators	✓
Networking standards *	802.1s, IEEE 802.1w, IEEE 802.3ad, IEEE 802.3x	Number of fans	3 fan(s)
10G support *	×	Power	
Port mirroring	✓	Power source *	AC
IP routing	<b>✓</b>	Power supply included *	<b>✓</b>
Policy-based routing	<b>✓</b>	AC input voltage	100 - 240 V
Flow control support	<b>✓</b>	AC input frequency Power consumption (max)	50/60 Hz 464.2 W
Link aggregation	<b>✓</b>		707.2 W
Broadcast storm control	<b>✓</b>	Power over Ethernet (PoE)	
Rate limiting	<b>✓</b>	Power over Ethernet (PoE) *	✓
Spanning tree protocol	✓	Power over Ethernet plus (PoE+) ports quantity	48
Head-of-line (HOL) blocking	✓	Power over Ethernet (PoE) power	30 W
Ethernet LAN data rates	10,100,1000 Mbit/s	per port	
Active link detection	✓	Total Power over Ethernet (PoE) budget	384 W
VLAN support	✓	<del>-</del>	

Network		Operational conditions	
Virtual LAN features  Number of VLANs	MAC address-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN 4000	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	0 - 40 °C -40 - 70 °C 10 - 90% 5 - 90%
Data transmission		Heat dissipation	1584.08 BTU/h
Switching capacity * Forwarding rate MAC address table * Store-and-forward Static route Number of static routes Jumbo frames support Jumbo frames Packet buffer memory	104 Gbit/s 77.38 Mpps 16000 entries     48   9000 12 MB	Weight & dimensions Width Depth Height  Packaging content Cables included Quick start guide Manual	440 mm 330 mm 44 mm
Security		Packaging data	
DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Package type	Вох
Access Control List (ACL)	✓		
IGMP snooping	<b>✓</b>		
SSH/SSL support	✓		



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## **Catalog Object Cloud**



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