



TP-Link Omada SG2218 Netzwerk-Switch Managed L2/L2+ Gigabit Ethernet (10/100/1000) 1U Schwarz

Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SG2218

Produktname : SG2218



TP-Link Omada SG2218. 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: 16. MAC-Adressentabelle: 8000 Eintragungen, Routing-/Switching-Kapazität: 36 Gbit/s. Netzstandard: IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z. Rack-Einbau, Formfaktor: 1U

Management features		Security	
Switch type *	Managed	IGMP snooping	✓
Switch layer	L2/L2+	SSH/SSL support	✓
Quality of Service (QoS) support	✓	Loop protection	✓
Web-based management	✓	BPDU filtering/protection	✓
Cloud-managed	✓	Multicast features	
ARP inspection	✓	Multicast support	✓
System event log	✓	Multicast Listener Discovery (MLD) snooping	✓
MIB support	Yes	Protocols	
Ports & interfaces		Management protocols	SNMPv1/v2c/v3, SNMP
Basic switching RJ-45 Ethernet ports quantity *	16	GARP VLAN Registration Protocol (GVRP)	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Design	
Gigabit Ethernet (copper) ports quantity	16	Rack mounting *	✓
SFP module slots quantity	2	Form factor	1U
Network		Product colour	Black
Networking standards *	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3u, IEEE 802.3z	LED indicators	✓
10G support *	✗	Performance	
Port mirroring	✓	Fanless	✓
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
Ethernet LAN data rates	10,100,1000 Mbit/s	Power consumption (max)	12.3 W
VLAN support	✓	Power over Ethernet (PoE)	
Virtual LAN features	Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE) *	✗
Number of VLANs	4000	Operational conditions	
Data transmission		Operating temperature (T-T)	0 - 40 °C
Switching capacity *	36 Gbit/s	Storage temperature (T-T)	-40 - 70 °C
Forwarding rate	26.8 Mpps	Operating relative humidity (H-H)	10 - 90%
MAC address table *	8000 entries	Storage relative humidity (H-H)	5 - 90%
Store-and-forward	✓	Heat dissipation	41.97 BTU/h
Static route	✓	Weight & dimensions	
		Width	440 mm

Data transmission		Weight & dimensions	
Number of static routes	32	Depth	180 mm
Number of IP interfaces	16	Height	44 mm
Jumbo frames support	✓	Packaging content	
Jumbo frames	9000	Cables included	AC, LAN (RJ-45)
Packet buffer memory	4.1 MB	Quick start guide	✓
Security		Certificates	
DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping		Certification
Access Control List (ACL)	✓	CE, FCC, RoHS	



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