TP-Link Omada SG3218XP-M2 Netzwerk-Switch Managed L2+ 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE) 1U Schwarz

Marke : TP-Link **Produktfamilie:** Omada **Artikel-Code:** SG3218XP-M2

Produktname : SG3218XP-M2



TP-Link Omada SG3218XP-M2. Switch-Typ: Managed, Switch-Ebene: L2+. Basic Switching RJ-45 Ethernet Ports-Typ: 2.5G Ethernet (100/1000/2500), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 16, Konsolen-Port: RJ-45/Micro-USB. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 120 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1s, IEEE 802.1w. Netzstecker: AC-Eingangsbuchse. Power over Ethernet (PoE). Rack-Einbau, Formfaktor: 1U



Management-Funktionen	
Switch-Typ *	Managed
Switch-Ebene	L2+
Quality of Service (QoS) Support	✔
Web-basiertes Management	✔
Cloud-verwaltet	✔
ARP-Inspektion	✔
Konfiguration der Standorteinstellungen (CLI)	✔
Systemereignisprotokoll	✔
MIB Unterstützung	MIB II (RFC1213), Interface MIB (RFC2233), Ethernet Interface MIB (RFC1643), Bridge MIB (RFC1493), P/Q-Bridge MIB (RFC2674), RMON MIB (RFC2819), RMON2 MIB (RFC2021), Radius Accounting Client MIB (RFC2620), Radius Authentication Client MIB (RFC2618), Remote Ping, Traceroute MIB (RFC2925), Support TP-Link private MIB

Anschlüsse und Schnittstellen	
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	16
Basic Switching RJ-45 Ethernet Ports-Typ *	2.5G Ethernet (100/1000/2500)
Menge Modul-Steckplätze SFP+	2
Konsolen-Port	RJ-45/Micro-USB
Netzstecker	AC-Eingangsbuchse

Netzwerk	
Netzstandard *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w

Sicherheit	
IP-MAC-Portbindung	✔
Authentifizierung	MAC-basierte Authentifizierung, Port-basierte Authentifizierung
Passwortschutz	✔
Autentifizierungstyp	AAA, TACACS+
Warteschleifenplanungs-Algorithmen	SP, WRR+SP, Weighted Round Robin (WRR)

Multicast-Funktionen	
Multicast Unterstützung	✔
Multicast Listener Discovery (MLD) Snooping	✔

Protokolle	
Management-Protokolle	SNMP v1/v2c/v3, SNTP
GARP VLAN Registration Protocol (GVRP)	✔

Design	
Rack-Einbau *	✔
Formfaktor	1U
Produktfarbe	Schwarz
LED-Anzeigen	✔
Anzahl Lüfter	2 Lüfter

Energie	
Energiequelle *	AC
Netzteil enthalten *	✔
AC Eingangsspannung	100 - 240 V
AC Eingangsfrequenz	50/60 Hz
Stromverbrauch (max.)	299,4 W

Netzwerk	
10G-Unterstützung *	✔
Port-Spiegelung	✔
IP-Routing	✔
Unterstützung Datenflusssteuerung	✔
Link Aggregation	✔
Broadcast-Sturmkontrolle	✔
Ratenbeschränkung	✔
Spannbaum-Protokoll	✔
Head-of-Line (HOL)-Blocking	✔
Ethernet LAN Datentransferraten	100,1000,2500 Mbit/s
VLAN-Unterstützung	✔
Virtuelle LAN-Funktionen	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN

Datenübertragung	
Routing-/Switching-Kapazität *	120 Gbit/s
Transferrate	89,28 Mpps
MAC-Adressentabelle *	16000 Eintragungen
Statische Route	✔
Anzahl der statischen Routen	48
Anzahl IP-Schnittstellen	32
Jumbo Frames Unterstützung	✔
Jumbo-Frames	9000
Datenpaket-Pufferspeicher	12 MB

Sicherheit	
DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Zugriffkontrollliste	✔
IGMP-Snooping	✔
Unterstützte Sicherheitsalgorithmen	HTTPS, SSH, SSH-2, SSL/TLS
MAC Adressen Filtern	✔
Statische Anschlusssicherheit	✔
SSH-/SSL-Unterstützung	✔
Loop Protection	✔
BPDU-Filterung/Schutz	✔

Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Anzahl Power over Ethernet plus (PoE+) Anschlüsse	8
Power over Ethernet (PoE) Leistung pro Anschluss	30 W
Gesamtleistung Power over Ethernet (PoE)	240 W

Betriebsbedingungen	
Betriebstemperatur	0 - 50 °C
Temperaturbereich bei Lagerung	-40 - 70 °C
Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Luftfeuchtigkeit bei Lagerung	5 - 90%
Wärmeableitung	1021,64 BTU/h

Gewicht und Abmessungen	
Breite	440 mm
Tiefe	180 mm
Höhe	44 mm

Lieferumfang	
Mitgelieferte Kabel	AC
Schnellstartübersicht	✔

Verpackungsdaten	
Verpackungsart	Box

Nachhaltigkeit	
Nachhaltigkeitskonformität	✔

Zertifikate	
Konformitätsbescheinigungen	Eidgenössische Kommunikationskommission (FCC), RoHS
Zertifizierung	CE, FCC, RoHS

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Catalog Object Cloud

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