



TP-Link Omada SG3210XHP-M2 Netzwerk-Switch Managed L2+ 2.5G Ethernet (100/1000/2500) Power over Ethernet (PoE) 1U Schwarz

Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SG3210XHP-M2



Produktname : SG3210XHP-M2

TP-Link Omada SG3210XHP-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: 8, Konsolen-Port: RJ-45/micro-USB. MAC-Adressentabelle: 16000 Eintragungen, Routing-/Switching-Kapazität: 80 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		Sicherheit	
Switch-Typ *	Managed	Statische Anschlusssicherheit	✓
Switch-Ebene	L2+	SSH-/SSL-Unterstützung	✓
Quality of Service (QoS) Support	✓	Loop Protection	✓
Web-basiertes Management	✓	BPDU-Filterung/Schutz	✓
Cloud-verwaltet	✓	IP-MAC-Portbindung	✓
Traffic-Klassifizierung	✓	Authentifizierung	MAC-basierte Authentifizierung, Port-basierte Authentifizierung
ARP-Inspektion	✓	Passwortschutz	✓
Konfiguration der Standorteinstellungen (CLI)	✓	Autentifizierungstyp	AAA, TACACS+
Systemereignisprotokoll	✓	Warteschleifenplanungs-Algorithmen	SP, WRR+SP, Weighted Round Robin (WRR)
MIB Unterstützung	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213	Multicast-Funktionen	
Anschlüsse und Schnittstellen		Multicast Unterstützung	✓
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	8	Multicast Listener Discovery (MLD) Snooping	✓
Anschlüsse und Schnittstellen		Protokolle	
Basic Switching RJ-45 Ethernet Ports-Typ *	2.5G Ethernet (100/1000/2500)	Management-Protokolle	SNMPv1/v2c/v3, SNMP
Anzahl 2.5G Ethernet (Kupfer)-Ports	8	GARP VLAN Registration Protocol (GVRP)	✓
Menge Modul-Steckplätze SFP+	2	Design	
Konsolen-Port	RJ-45/micro-USB	Rack-Einbau *	✓
Netzstecker	AC-Eingangsbuchse	Formfaktor	1U
Netzwerk		Produktfarbe	Schwarz
Netzstandard *	IEEE 802.1D, IEEE 802.1s, IEEE 802.1w	LED-Anzeigen	✓
10G-Unterstützung *	✓	Anzahl Lüfter	2 Lüfter
Port-Spiegelung	✓	Energie	
		Energiequelle *	AC

Netzwerk		Energie	
IP-Routing	✓	Netzteil enthalten *	✓
Unterstützung Datenflusssteuerung	✓	AC Eingangsspannung	100 - 240 V
Link Aggregation	✓	AC Eingangsfrequenz	50/60 Hz
Broadcast-Sturmkontrolle	✓	Stromverbrauch (max.)	285,9 W
Ratenbeschränkung	✓	Power over Ethernet (PoE)	
Spannbaum-Protokoll	✓	Power over Ethernet (PoE) *	✓
Head-of-Line (HOL)-Blocking	✓	Anzahl Power over Ethernet plus (PoE+) Anschlüsse	8
Ethernet LAN Datentransferraten	100,1000,2500 Mbit/s	Power over Ethernet (PoE) Leistung pro Anschluss	30 W
VLAN-Unterstützung	✓	Gesamtleistung Power over Ethernet (PoE)	240 W
Virtuelle LAN-Funktionen	MAC address-based VLAN, Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Betriebsbedingungen	
Anzahl der VLANs	4000	Betriebstemperatur	0 - 45 °C
Datenübertragung		Temperaturbereich bei Lagerung	-40 - 70 °C
Routing-/Switching-Kapazität *	80 Gbit/s	Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Transferrate	59,52 Mpps	Luftfeuchtigkeit bei Lagerung	5 - 90%
MAC-Adressentabelle *	16000 Eintragungen	Wärmeableitung	975,54 BTU/h
Statische Route	✓	Gewicht und Abmessungen	
Anzahl der statischen Routen	48	Breite	440 mm
Anzahl IP-Schnittstellen	16	Tiefe	180 mm
Jumbo Frames Unterstützung	✓	Höhe	44 mm
Jumbo-Frames	9000	Lieferumfang	
Datenpaket-Pufferspeicher	12 MB	Mitgelieferte Kabel	AC
Sicherheit		Schnellstartübersicht	✓
DHCP-Funktionen	DHCP client, DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Verpackungsdaten	
Zugriffskontrollliste	✓	Verpackungsart	Box
IGMP-Snooping	✓	Zertifikate	
Unterstützte Sicherheitsalgorithmen	HTTPS, SSH, SSH-2, SSL/TLS	Zertifizierung	CE, FCC, RoHS
MAC Adressen Filtern	✓		



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