



TP-Link Omada SG2005P-PD Netzwerk-Switch Managed L2/L2+ 10G Ethernet (100/1000/10000) Power over Ethernet (PoE) Desktop Weiß

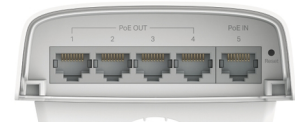
Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SG2005P-PD

Produktname : SG2005P-PD

TP-Link Omada SG2005P-PD. Switch-Typ: Managed, Switch-Ebene: L2/L2+. Basic Switching RJ-45 Ethernet Ports-Typ: 10G Ethernet (100/1000/10000), Anzahl der basisschaltenden RJ-45 Ethernet Ports: 4. MAC-Adressentabelle: 8000 Eintragungen, Routing-/Switching-Kapazität: 10 Gbit/s. Netzstandard: IEEE 802.11d, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Formfaktor: Desktop



Management-Funktionen		Sicherheit	
Switch-Typ *	Managed	Unterstützte Sicherheitsalgorithmen	802.1x RADIUS
Switch-Ebene	L2/L2+	MAC Adressen Filtern	✓
Quality of Service (QoS) Support	✓	IP-MAC-Portbindung	✓
Web-basiertes Management	✓	Authentifizierung	MAC-basierte Authentifizierung, Port-basierte Authentifizierung
Cloud-verwaltet	✓	Passwortschutz	✓
ARP-Inspektion	✓	Multicast-Funktionen	
MIB Unterstützung	✓	Multicast Unterstützung	✓
Anschlüsse und Schnittstellen		Multicast MAC-Adresstabelle	8000 Eintragungen
Anzahl der basisschaltenden RJ-45 Ethernet Ports *	4	IPv4 Multicast-Einträge	511
Basic Switching RJ-45 Ethernet Ports-Typ *	10G Ethernet (100/1000/10000)	IPv6 Multicast-Einträge	511
Anzahl 10G Ethernet (Kupfer)-Ports	4	Protokolle	
Netzwerk		IPv4 & IPv6-Funktionen	Dual stack IPv4/IPv6, IPv4/IPv6 access-control list (ACL), IPv6 tracer
Netzstandard *	IEEE 802.11d, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x	Design	
10G-Unterstützung *	✓	Rack-Einbau *	✗
Kupfer Ethernet Verkabelungstechnologie	10BASE-T, 100BASE-TX, 100BASE-T	Stapelbar *	✗
unterstützte Kabeltypen	Cat5, Cat5e	Formfaktor	Desktop
Port-Spiegelung	✓	Produktfarbe	Weiß
Unterstützung Datenflusssteuerung	✓	LED-Anzeigen	✓
Link Aggregation	✓	Technische Details	
Spannbaum-Protokoll	✓	Konformitätsbescheinigungen	CE, RoHS
IPv4-Routen	32	Energie	
IPv6-Routen	32	Energiequelle *	DC/PoE
VLAN-Unterstützung	✓	Netzteil enthalten *	✓
Virtuelle LAN-Funktionen	Voice VLAN	Stromverbrauch (Standardbetrieb)	71,5 W
Anzahl der VLANs	4000	Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
		Power over Ethernet (PoE) Leistung pro Anschluss	64 W

Datenübertragung		Betriebsbedingungen	
Routing-/Switching-Kapazität *	10 Gbit/s	Betriebstemperatur	-40 - 60 °C
MAC-Adressentabelle *	8000 Eintragungen	Temperaturbereich bei Lagerung	-40 - 70 °C
Jumbo Frames Unterstützung	✓	Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Jumbo-Frames	9	Luftfeuchtigkeit bei Lagerung	5 - 90%
Paketweiterleitungsrate (1 Gbit/s)	7440 pps	Wärmeableitung	243,99 BTU/h
Datenpaket-Pufferspeicher	4,1 MB	Gewicht und Abmessungen	
Sicherheit		Breite	170 mm
DHCP-Funktionen	DHCP relay, DHCP server	Tiefe	100 mm
Zugriffskontrollliste	✓	Höhe	38,5 mm
Zugriffskontrollliste (ACL) IPv4-Einträge	32	Nachhaltigkeit	
IGMP-Snooping	✓	Nachhaltigkeitskonformität	✓
		Nachhaltigkeitszertifikate	CE, RoHS



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