



TP-Link Omada SX3016F Netzwerk-Switch Managed L2+/L3 Schwarz

Marke : TP-Link

Produktfamilie: Omada

Artikel-Code: SX3016F

Produktname : SX3016F



TP-Link Omada SX3016F. Switch-Typ: Managed, Switch-Ebene: L2+/L3. Konsolen-Port: RJ-45/Micro-USB.
MAC-Adressentabelle: 32000 Eintragungen, Routing-/Switching-Kapazität: 320 Gbit/s. Netzstandard: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE....
Netzstecker: DC-Anschluss. Rack-Einbau

Management-Funktionen		Sicherheit	
Switch-Typ *	Managed	Statische Anschlusssicherheit	✓
Switch-Ebene	L2+/L3	SSH-/SSL-Unterstützung	✓
Quality of Service (QoS) Support	✓	Loop Protection	✓
Web-basiertes Management	✓	BPDU-Filterung/Schutz	✓
Cloud-verwaltet	✓	IP-MAC-Portbindung	✓
Traffic-Klassifizierung	✓	Authentifizierung	Gast VLAN, MAC-basierte Authentifizierung, Port-basierte Authentifizierung, Webbasierte Authentifizierung
ARP-Inspektion	✓		
Konfiguration der Standorteinstellungen (CLI)	✓		
Systemereignisprotokoll	✓	Autentifizierungstyp	AAA, TACACS+
MIB Unterstützung	RFC2925, RFC2618, RFC2620, RFC2021, RFC2819, RFC2674, RFC1493, RFC1643, RFC2233, RFC1213	Warteschleifenplanungs-Algorithmen	SP, WRR+SP, Weighted Round Robin (WRR)
		Multicast-Funktionen	
Anschlüsse und Schnittstellen		Multicast Unterstützung	✓
		Multicast Listener Discovery (MLD) Snooping	✓
Protokolle			
Basic Switching RJ-45 Ethernet Ports-Typ *	✗	Management-Protokolle	SNMPv1/v2c/v3, SNMP
Menge Modul-Steckplätze SFP+	16	IPv4 & IPv6-Funktionen	IPv6 Telnet, IPv6 ping, IPv6 tracer
Konsolen-Port	RJ-45/Micro-USB	Design	
Netzstecker	DC-Anschluss	Rack-Einbau *	✓
Netzwerk		Produktfarbe	Schwarz
Netzstandard *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ad, IEEE 802.3x	LED-Anzeigen	✓
		Zertifizierung	CE, FCC, RoHS
		Energie	
10G-Unterstützung *	✓	Energiequelle *	AC
Port-Spiegelung	✓	Netzteil enthalten *	✓
IP-Routing	✓	AC Eingangsspannung	100 - 240 V
Unterstützung Datenflusssteuerung	✓	AC Eingangsfrequenz	50/60 Hz
Link Aggregation	✓	Stromverbrauch (max.)	32,74 W
Broadcast-Sturmkontrolle	✓	Power over Ethernet (PoE)	
Ratenbeschränkung	✓	Power over Ethernet (PoE) *	✗
Spannbaum-Protokoll	✓	Betriebsbedingungen	
Head-of-Line (HOL)-Blocking	✓	Betriebstemperatur	0 - 45 °C
VLAN-Unterstützung	✓	Temperaturbereich bei Lagerung	-40 - 70 °C
Virtuelle LAN-Funktionen	Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Relative Luftfeuchtigkeit in Betrieb	10 - 90%
Anzahl der VLANs	4000	Luftfeuchtigkeit bei Lagerung	5 - 90%
Datenübertragung		Wärmeableitung	111,71 BTU/h
Routing-/Switching-Kapazität *	320 Gbit/s	Gewicht und Abmessungen	
Transferrate	238,08 Mpps	Breite	440 mm
MAC-Adressentabelle *	32000 Eintragungen	Tiefe	220 mm
Anzahl Queues	8		
Statische Route	✓		

Datenübertragung		Gewicht und Abmessungen	
Jumbo Frames Unterstützung	✓	Höhe	44 mm
Jumbo-Frames	9000	Verpackungsdaten	
Datenpaket-Pufferspeicher	24 MB	Mitgelieferte Kabel	AC
Sicherheit		Schnellstartübersicht	✓
DHCP-Funktionen	DHCP relay, DHCP server, DHCP snooping, DHCPv6 client, DHCPv6 snooping	Betriebsanleitung	✓
Zugriffskontrollliste	✓	Verpackungsart	Box
IGMP-Snooping	✓	Rackmontageset	✓
Unterstützte Sicherheitsalgorithmen	HTTPS, SSH, SSH-2, SSL/TLS		
MAC Adressen Filtern	✓		



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