

TP-Link JetStream 18-Port Gigabit Smart Switch with 16-Port PoE+

Brand: TP-Link Product code: TL-SG2218P

Product name : JetStream 18-Port Gigabit Smart Switch with 16-Port PoE+



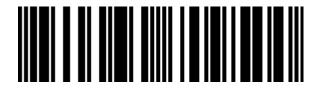
- 150 W PoE Budget: 16× 802.3at/af-compliant PoE+ ports with a total power supply of 150 W*
- Full Gigabit Ports: 16× gigabit PoE+ ports and 2× gigabit SFP Slots provide high-speed connections
- Integrated into Omada SDN: Zero-Touch Provisioning (ZTP)**, Centralized Cloud Management, and Intelligent Monitoring
- Centralized Management: Cloud access and Omada app for ultra convenience and easy management
- Static Routing: Helps route internal traffic for more efficient use of network resources
- Robust Security Strategies: IP-MAC-Port Binding, ACL, Port Security, DoS Defend, Storm control, DHCP Snooping, 802.1X, Radius Authentication, and more
- Optimize Voice and Video Applications: L2/L3/L4 QoS and IGMP snooping
- IPv6: IPv6 support with dual IPv4/IPv6 stack, MLD snooping, IPv6 neighbor discovery
- 16x 10/100/1000 Mbps RJ45, PoE 150 W, 36 Gbps, 26.78 Mpps, 8K MAC, 9 KB Jumbo, 440 \times 180 \times 44 mm

Management features		Security		
_	12/12:		,	
Switch layer	L2/L2+ ✓	MAC address filtering	1	
Quality of Service (QoS) support	√	Static port security	4	
Web-based management Cloud-managed	4	SSH/SSL support Loop protection	4	
ARP inspection	4	BPDU filtering/protection	4	
Configuring Location Settings (CLI)	V	BPD0 Intering/protection	MAC-based authentication, Port-	
System event log	1	Authentication	based authentication, Fort-	
MIB support	MIB II (RFC1213), Bridge MIB (RFC1493), P/Q-Bridge MIB (RFC2674), Radius Accounting Client MIB (RFC2620), Radius Authentication Client MIB	Multicast features		
			1	
		Multicast support		
		Multicast features	Multicast forwarding	
••	(RFC2618), Remote Ping,	Design		
	Traceroute MIB (RFC2925), Support TP-Link private MIBs, RMON MIB(RFC1757, rmon 1,2,3,9)	Rack mounting *	1	
		Form factor	10	
Ports & interfaces		Product colour	Black	
		LED indicators	✓	
Basic switching RJ-45 Ethernet ports quantity *	16	Certification	CE, FCC, RoHS	
Basic switching RJ-45 Ethernet ports	Gigabit Ethernet (10/100/1000)	Power		
type *		Power source *	DC/PoE	
Network		Power supply included *	✓	
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE	AC input voltage	100 - 240 V	
		AC input frequency	50/60 Hz	
		Power over Ethernet (PoE)		
		Power over Ethernet (PoE) *	✓	
10C cupport *	802.3z	Total Power over Ethernet (PoE)	150 W	
10G support * IP routing	×	budget	130 W	
Policy-based routing	1	Operational conditions		
Flow control support	1	Operating temperature (T-T)	0 - 50 °C	
Link aggregation	1	Storage temperature (T-T)	-40 - 70 °C	
Broadcast storm control	1	Operating relative humidity (H-H)	10 - 90%	
Rate limiting	1	Storage relative humidity (H-H)	5 - 90%	
Auto MDI/MDI-X	√	Weight & dimensions		
Spanning tree protocol	✓	Width	440 mm	
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	180 mm	
Auto-negotiation	✓	Height	44 mm	
VLAN support	✓			
		Packaging data		
		Cables included	LAN (RJ-45)	

Data transmission		Pac	kaging data
Switching capacity *	26.78 Gbit/s		User guide
Forwarding rate	26.78 Mpps		Package type
MAC address table *	8000 entries		
Jumbo frames support	✓		
Jumbo frames	9		
Security			
DHCP features	DHCP client, DHCP relay, DHCP snooping		
Access Control List (ACL)	,		









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