

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

Brand: TP-Link Product code: TL-SG2218P

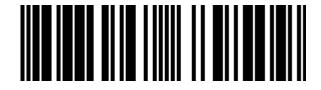
Product name : JetStream 18-Port Gigabit Smart Switch with 16-Port PoE+



- 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	
Switch layer	L2/L2+	MAC address filtering	✓
Quality of Service (QoS) support	✓	Static port security	✓
Web-based management	✓	SSH/SSL support	✓
Cloud-managed	✓	Loop protection	✓
ARP inspection	✓	BPDU filtering/protection	✓
Configuring Location Settings (CLI) System event log	√	Authentication	MAC-based authentication, Port- based authentication
MIB support	MIB II (RFC1213), Bridge MIB (RFC1493), P/Q-Bridge MIB (RFC2674), Radius Accounting Client MIB (RFC2620), Radius Authentication Client MIB (RFC2618), Remote Ping, Traceroute MIB (RFC2925), Support	Multicast features	
		Multicast support	1
		Multicast features	Multicast forwarding
		Design	
		Rack mounting *	✓
	TP-Link private MIBs, RMON MIB(RFC1757, rmon 1,2,3,9)	Form factor	10
Ports & interfaces	, , , , , , , , , , , , , , , , , , , ,	Product colour	Black
		LED indicators	✓
Basic switching RJ-45 Ethernet ports quantity *		Certification	CE, FCC, RoHS
Basic switching RJ-45 Ethernet ports type *	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 802.3ad, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3z, IEEE 802.3z	AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
10G support *	×	Total Power over Ethernet (PoE) budget	150 W
IP routing	✓	Operational conditions	
Policy-based routing	✓	•	0 - 50 °C
Flow control support	✓	Operating temperature (T-T)	-40 - 70 °C
Link aggregation	✓	Storage temperature (T-T)	10 - 90%
Broadcast storm control	✓	Operating relative humidity (H-H)	5 - 90%
Rate limiting	✓	Storage relative humidity (H-H)	J - 30 /0
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
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VLAN support	✓	Packaging data	









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