

TL-SG2428P

TP-LINK TL-SG2428P JETSTREAM 28 PORT GIG SMART SWITCH + 24 PORT POE



Specifications

Model	TL-SG2428P
Brand	Tp-Link
Port say?	24 Port
Tip	Smart
PoE	PoE+
PoE gücü	250 W
Port sür?ti	1000mb/s

KEY FEATURES

HARDWARE FEATURES

Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE 802.3ad, IEEE 802.3x, IEEE 802.3az, IEEE 802.1d, IEEE 802.1s, IEEE 802.1w, IEEE 802.1q, IEEE 802.1p, IEEE 802.1x
Interface	<ul style="list-style-type: none"> • 24x 10/100/1000 Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) • 4x Gigabit SFP Slots
Network Media	<ul style="list-style-type: none"> • 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) • 100BASE-TX/1000Base-T: UTP category 5, 5e or above cable (maximum 100m) • 1000BASE-X: MMF, SMF
Fan Quantity	2
Power Supply	100-240V AC, 50/60Hz
PoE Ports (RJ45)	<ul style="list-style-type: none"> • Standard: 802.3at/af compliant • PoE+ Ports: 24 Ports • PoE Power Budget: 250 W*
Dimensions (W x D x H)	17.3 x 8.7 x 1.73 in (440 x 220 x 44 mm)
Mounting	Rack Mountable
Max Power Consumption	<ul style="list-style-type: none"> • V1: 308.6 W (110V/60Hz with 250 W PD connected); 32.1 W (110 V/ 60 Hz with no PD connected) • V2: 294.7 W (220 V/50 Hz) (with 250 W PD connected) • V3: 291.9 W (110V/60Hz) (with 250 W PD connected) • V4: 306.9 W (110V/60Hz) (with 250 W PD connected)
Max Heat Dissipation	<ul style="list-style-type: none"> • V1: 1052.94 BTU/h (with 250 W PD connected); 109.53 BTU/h (with no PD connected) • V2: 1005.66 BTU/hr (220V/50 Hz) (with 250 W PD connected) • V3: 996.01 BTU/hr (110V/60Hz) (with 250 W PD connected) • V4: 1047.30 BTU/hr (110V/60 Hz) (with 250 W PD connected)

PERFORMANCE

Switching Capacity	56 Gbps
Packet Forwarding Rate	41.7 Mpps
MAC Address Table	<ul style="list-style-type: none"> • V1, V2, V4 and above: 8K • V3: 16K
Packet Buffer Memory	4.1 Mbit
Jumbo Frame	9 KB

SOFTWARE FEATURES

Quality of Service

- 802.1p CoS/DSCP priority
- 8 priority queues
- Priority Schedule Mode
- SP (Strict Priority)
- WRR (Weighted Round Robin)
- Queue Weight Config
- Bandwidth Control
- Port/Flow based Rating Limit
- Smoother Performance
- Storm Control
- Multiple Control Modes(kbps/ratio)
- Broadcast/Multicast/Unknown-Unicast Control

L2 and L2+ Features

- 32 IP Interfaces
- Support IPv4/IPv6 Interface
- Static Routing
- 32 IPv4/IPv6 Static Routes
- DHCP Server
- DHCP Relay
- DHCP Interface Relay
- DHCP VLAN Relay
- DHCP L2 Relay
- Static ARP
- Proxy ARP
- Gratuitous ARP
- Link Aggregation
- Static link aggregation
- 802.3ad LACP
- Up to 8 aggregation groups and up to 8 ports per group
- Spanning Tree Protocol
- 802.1D STP
- 802.1w RSTP
- 802.1s MSTP
- STP Security: TC Protect, BPDU Filter/Protect, Root Protect
- Loopback Detection
- Flow Control
- 802.3x Flow Control
- Mirroring
- Port Mirroring
- CPU Mirroring
- One-to-One
- Many-to-One
- Flow-Based
- Ingress/Egress/Both
- Device Link Detect Protocol (DLDP)
- 802.1ab LLDP/ LLDP-MED

Advanced Features

- Automatic Device Discovery
- Batch Configuration
- Batch Firmware Upgrading
- Intelligent Network Monitoring
- Abnormal Event Warnings
- Unified Configuration
- Reboot Schedule

- VLAN Group
- Max. 4K VLAN Groups
- 802.1Q tag VLAN