TP-LINK

TL-SG2428P

Kod: 00-00001647 · Switchlər



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

Texniki göstəricilər

24 Port	Port sayı
Smart	Tip
PoE+	PoE
250 W	PoE gücü
1000mb/s	Port sürəti

Ətraflı məlumat

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	• 24× 10/100/1000 Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) • 4× Gigabit SFP Slots
Network Media	• 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)	• Standard: 802.3at/af compliant • PoE+ Ports: 24 Ports • PoE Power Budget: 250 W*
Dimensions (W x D x H)	17.3 × 8.7 × 1.73 in (440 × 220 × 44 mm)
Mounting	Rack Mountable
Max Power Consumption	• 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	• 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

PERFORMANCE	
MAC Address Table	• 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

SOFTWARE FEATURES	
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

SOFTWARE FEATURES	
Advanced Features	• Automatic Device Discovery • Batch Configuration • Batch Firmware Upgrading • Intelligent Network Monitoring • Abnormal Event Warnings • Unified Configuration • Reboot Schedule
VLAN	• VLAN Group - Max. 4K VLAN Groups • 802.1Q tag VLAN • MAC VLAN: 12 Entries • Protocol VLAN • GVRP • Voice VLAN

SOFTWARE FEATURES	
Access Control List	• Support up to 230 entries • Time-Range - Time Slice - Week Time-Range - Absolute Time-Range - Holiday • Time-based ACL • MAC ACL - Source MAC - Destination MAC - VLAN ID - User Priority - Ether Type • IP ACL - Source IP - Destination IP - IP Protocol - TCP Flag - TCP/UDP Source Port - TCP/UDP Destination Port - DSCP/IP TOS • IPv6 ACL • Combined ACL • Rule Operation - Permit/Deny • Policy Action - Mirror - Rate Limit - Redirect - QoS Remark • ACL Rules Binding - Port Binding - VLAN Binding • Actions for flows - Mirror (to supported interface) - Redirect (to supported interface) - Rate Limit - QoS Remark

SOFTWARE FEATURES	
Security	• AAA • 802.1X - Port based authentication - MAC (Host) based authentication - Authentication Method includes PAP/EAP-MD5 - MAB - Guest VLAN - Support Radius authentication and accountability • IP/IPv6-MAC Binding - 512 Binding Entries - DHCP Snooping - DHCPv6 Snooping - ARP Inspection - ND Detection • IP Source Guard - 253 Entries - Source IP+Source MAC • IPv6 Source Guard - 183 Entries - Source IPv6 Address+Source MAC • DoS Defend • Static/Dynamic/Permanent Port Security - Up to 64 MAC addresses per port • Broadcast/Multicast/Unicast Storm Control - kbps/ratio control mode • Port Isolation • Secure web management through HTTPS with SSLv3/TLS 1.2 • Secure Command Line Interface (CLI) management with SSHv1/SSHv2 • IP/Port/MAC based access control

SOFTWARE FEATURES	
IPv6	• IPv6 Static Routing and ACL • IPv6 Dual IPv4/IPv6 • IPv6 Interface • Multicast Listener Discovery (MLD) Snooping • IPv6 neighbor discovery (ND) • Path maximum transmission unit (MTU) discovery • Internet Control Message Protocol (ICMP) version 6 • TCPv6/UDPv6 • IPv6 applications - DHCPv6 Client - Ping6 - Tracert6 - Telnet(v6) - IPv6 SNMP - IPv6 SSH - IPv6 SSL - Http/Https - IPv6 TFTP
MIBs	• 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 TP-Link private MIBs • RMON MIB(RFC1757, rmon 1,2,3,9)

MANAGEMENT	
Omada App	Yes, through • Omada Cloud-Based Controller • OC300 • OC200 • Omada Software Controller
Centralized Management	• Omada Cloud-Based Controller • Omada Hardware Controller OC300 • Omada Hardware Controller OC200 • Omada Software Controller

MANAGEMENT	
Cloud Access	Yes, through • Omada Cloud-Based Controller • OC300 • OC200 • Omada Software Controller
Zero-Touch Provisioning	Yes. Requiring the use of Omada Cloud-Based Controller
Management Features	• Web-based GUI • Command Line Interface (CLI) through telnet • SNMPv1/v2c/v3 • SNMP Trap/Inform • RMON (1,2,3,9 groups) • SDM Template • DHCP/BOOTP Client • Dual Image, Dual Configuration • CPU Monitoring • Cable Diagnostics • EEE • SNTP • System Log

OTHERS	
Certification	CE, FCC, RoHS
Package Contents	TL-SG2428P • Power Cord • Installation Guide • Rackmount Kit • Rubber Feet
System Requirements	Microsoft® Windows® XP, Vista™ or Windows 7/8/10/11, MAC® OS, NetWare®, UNIX® or Linux.
Environment	• Operating Temperature: 0–50 ℃ (32–122 ℉); • Storage Temperature: -40–70 ℃ (-40–158 ℉) • Operating Humidity: 10–90% RH non-condensing • Storage Humidity: 5–90% RH non-condensing

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