

Artikelnr.: 375038

TL-SG3428X-UPS -**ab 305,63 EUR**Artikelnr.: 375038
Versandgewicht: 3.10 kg
Hersteller: TP-LINK

Produktbeschreibung

Der TL-SG3428X-UPS bietet 24x 10/100/1000 Mbps LAN-Ports. Zusätzlich sind 4x 10G SFP+ Slots verfügbar. Für das Management und die Überwachung ist es möglich, einen allgemeinen Zugang über eine Weboberfläche und Protokolle zu nutzen, z.B. CLI, SNMP, RMO, aber auch zentralisiertes Cloud-Management und Software-Controller. Der Hardware Omada Controller (OC200/OC300) wird ebenfalls unterstützt. Im Vergleich zur klassischen Version verfügt dieser Switch zusätzlich zur Standard 230V AC Stromversorgung über eine USV-Option, d.h. Batterieanschluss (mindestens 4,5Ah) bei Ausfall der primären 230V AC Stromversorgung inklusive Batterieladung. Der Schalter kann auch angeschlossen werden, indem man die 230V AC unterbricht und den Schalter nur an eine 12V DC Quelle an den für die Batterie vorgesehenen Klemmen anschließt.

HARDWARE-FUNKTIONENSchnittstelle • 24x 10/100/1000 Mbps RJ45 Ports • 4x 10G SFP+ Slots • 1x RJ45 Console Port • 1x Micro-USB Console Port Anzahl Lüfter • Fanless Spannungsversorgung 100-240 V AC ~50/60 Hz Abmessungen (B*T*H) 17.3 x 7.1 x 1.7 in (440 x 180 x 44 mm) Montage Rack Mountable Maximale Leistungsaufnahme 23.6 W (110V/60Hz) Maximale Wärmeabgabe 80.353 BTU/h (110 V/60 Hz) **PERFORMANCE** Switchingkapazität 128 Gbps Paketweiterleitungsrate 95.23 Mpps MAC-Adresstabelle 16 K Paketpufferspeicher 12 Mbit Jumbo-Frames 9 K **SOFTWARE-FUNKTIONEN** Quality of Service • 8 priority queues • 802.1p CoS/DSCP priority • Queue scheduling • SP (Strict Priority) • WRR (Weighted Round Robin) • SP+WRR • Bandwidth Control • Port/Flow based Rating Limiting • Smoother Performance • Action for Flows • Mirror (to supported interface) • Redirect (to supported interface) • Rate Limit • QoS Remark Layer3-Funktionen • 16 IPv4/IPv6 Interfaces • Static Routing • 48 static routes • Static ARP • 128 Static Entries • Proxy ARP • Gratuitous ARP • DHCP Server • DHCP Relay • DHCP Interface Relay • DHCP VLAN Relay • DHCP L2 Relay Layer2- und Layer2+-Funktionen • Link Aggregation • static link aggregation • 802.3ad LACP • Up to 8 aggregation groups, containing 8 ports per group • Spanning Tree Protocol • 802.1d STP • 802.1w RSTP • 802.1s MSTP • STP Security: TC Protect, BPDU Filter, Root Protect • Loopback Detection • Port based VLAN based • Flow Control • 802.3x Flow Control • HOL Blocking Prevention • Mirroring • Port Mirroring • CPU Mirroring • One-to-One • Many-to-One • Tx/Rx/Both Layer2-Multicast • IGMP Snooping • IGMP v1/v2/v3 Snooping • Fast Leave • IGMP Snooping Querier • IGMP Authentication • IGMP Authentication • MLD Snooping • MLD v1/v2 Snooping • Fast Leave • MLD Snooping Querier • Static Group Config • Limited IP Multicast • MVR • Multicast Filtering: 256 profiles and 16 entries per profile erweiterte Funktionen • Support Omada Hardware Controller (OC200/OC300), Software Controller, Cloud-Based Controller, Automatic Device Discovery • Batch Configuration • Batch Firmware Upgrading • Intelligent Network Monitoring • Abnormal Event Warnings • Unified Configuration • Reboot Schedule • ZTP (Zero-Touch Provisioning) • VLAN • VLAN Group • Max 4K VLAN Groups • 802.1Q Tagged VLAN • MAC VLAN: 7 Entries • Protocol VLAN: Protocol Template 16, Protocol VLAN 16 • Private VLAN • GVRP • VLAN VPN (QinQ) • Port-Based QinQ • Selective QinQ • Voice VLAN Zugriffskontrollliste • Time-based ACL • MAC ACL • Source MAC • Destination MAC • VLAN ID • User Priority • Ether Type • IP ACL • Source IP • Destination IP • Fragment • IP Protocol • TCP Flag • TCP/UDP Port • DSCP/IP TOS • User Priority • Combined ACL • Packet Content ACL • IPv6 ACL • Policy • Mirroring • Redirect • Rate Limit • QoS Remark • ACL apply to Port/VLAN Sicherheit • IP-MAC-Port Binding • 512 Entries • DHCP Snooping • ARP Inspection • IPv4 Source Guard: 100 Entries • IPv6-MAC-Port Binding • 512 Entries • DHCPv6 Snooping • ND Detection • IPv6 Source Guard: 100 Entries • DoS Defend • Static/Dynamic Port Security • Up to 64 MAC addresses per port • Broadcast/Multicast/Unicast Storm Control • kbps/ratio control mode • 802.1X • Port base authentication • Mac base authentication • VLAN Assignment • MAB • Guest VLAN • Support Radius authentication and accountability • AAA (including TACACS+) • 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 IPv6 • IPv6 Dual IPv4/IPv6 • Multicast Listener Discovery (MLD) Snooping • IPv6 ACL • IPv6 Interface • Static IPv6 Routing • 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 Verwaltung • Web-based GUI • Command Line Interface (CLI) through the console port, telnet, SNMP v1/v2c/v3 • Trap/Inform • RMON (1,2,3,9 groups) • SDM Template • DHCP/BOOTP Client • 802.1ab LLDP/LLDP-MED • DHCP AutoInstall • Dual Image, Dual Configuration • CPU Monitoring • Cable Diagnostics • EEE • Password Recovery • SNTP • System Log • MIBs • MIB II (RFC1213) • Interface MIB (RFC2233) • Ethernet Interface MIB (RFC1643) • Bridge MIB (RFC1493) • P/Q-Bridge MIB (RFC2674) • RMON MIB (RFC2819) • RMON2 MIB (RFC2021) • Radius Accounting Client MIB (RFC2620) • Radius Authentication Client MIB (RFC2618) • Remote Ping, Traceroute MIB (RFC2925) • Support TP-Link private MIB VERWALTUNG Omada App Yes. Requiring the use of OC300, OC200, Omada Cloud-Based Controller, or Omada Software Controller. Centralized Management • Omada Cloud-Based Controller • Omada Hardware Controller (OC300) • Omada Hardware Controller (OC200) • Omada Software Controller Cloud Access Yes. Requiring the use of OC300, OC200, Omada Cloud-Based Controller, or 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 the console port, telnet, SNMP v1/v2c/v3 • Trap/Inform • RMON (1,2,3,9 groups) • SDM Template • DHCP/BOOTP Client • 802.1ab LLDP/LLDP-MED • DHCP AutoInstall • Dual Image, Dual Configuration • CPU Monitoring • Cable Diagnostics • EEE • Password Recovery • SNTP • System Log • SONTIGES Zertifizierung CE, FCC, RoHS Verpackungsinhalt • TL-SG3428X Switch • Power Cord • Quick Installation Guide • Rackmount Kit • Rubber Feet Systemanforderungen Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7/8/10/11, MAC® OS, NetWare®, UNIX® or Linux. Umgebung • Operating Temperature: 0–45 °? (32–113 °?); • Storage Temperature: –40–70 °? (–40–158 °?) • Operating Humidity: 10–90% RH non-condensing • Storage Humidity: 5–90% RH non-condensing

Technische Daten

Hier gehts zum Artikel
Alle Informationen,
tagesaktuelle Preise und
Verfügbarkeiten



