TP-Link JetStream TL-SG3428X-UPS network switch Managed L2+/L3 Gigabit Ethernet (10/100/1000) 1U Black

Model: TL-SG3428X-UPS

Manufacturer: TP-LINK

EAN: 4897098687734

Product Code: 610672

R9,649

Overview

TP-Link's JetStream TL-SG3428X-UPS provides high-performance and powerful L2 and L2+ features like static routing, enterprise-level QoS, advanced security strategies and a bundle of ISP features. The IP-MAC-Port Binding (IMPB) and Access Control List (ACL) functions protect against broadcast storm, ARP and Denial-of-Service (DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides

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enhanced traffic management capabilities to move your data smoother and faster. The OAM and DDM functions help facilitate network management. Moreover, the easy-to-use web management interfaces, along with CLI, SNMP and Dual Image mean faster setup and configuration with less downtime. TP-Link JetStream L2+ managed Switches TL-SG3428X-UPS provides a reliable, secure solution for ISP networks.

Secure Networking

The TL-SG3428X-UPS provides IP-MAC-Port Binding, Port Security, Storm control and DHCP Snooping which protect against broadcast storms, ARP attacks, etc. It can also protect against DoS attacks more easily than ever before. In addition, the Access Control Lists (ACL, L2 to L4) feature restricts access to sensitive network resources by denying packets based on source and destination MAC address, IP address, TCP/UDP ports and even VLAN ID. Moreover, the switch supports 802.1X authentication, which is used in conjunction with a RADIUS/Tacacs+ server to require authentication information before access to the network is allowed.

Advanced QoS features

Integrating voice, data and video service into one traffic line can ensure that voice and video are always clear, smooth and jitter-free with the help of a variety of means including IP or MAC address, TCP or UDP port number, etc. In conjunction with the Voice VLAN, the voice applications is able to have smoother performance.

Abundant L2 and L2+ features

TL-SG3428X-UPS supports a complete lineup of L2 features, including 802.1Q VLAN, Port Mirroring, STP/RSTP/MSTP, Link Aggregation Control Protocol and 802.3x Flow Control function. Besides, the switch provides advanced features for network maintenance, such as Loopback Detection, Cable Diagnostics and IGMP Snooping. IGMP snooping ensures the switch intelligently forward the multicast stream only to the appropriate subscribers while IGMP throttling & filtering restrain each subscriber on a port level to prevent unauthorized multicast access. Moreover, TL-SG3428X-UPS supports L2+ feature-static routing, which is a simple way to provide segmentation of the network with internal routing through the switch and helps network traffic for more efficient use.

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ISP Features

TL-SG3428X-UPS supports a bundle of ISP features such as 802.3ah OAM, DDM, sFlow, QinQ, L2PT PPPoE ID Insertion, IGMP authentication etc. 802.3ah OAM and Device Link Detection Protocol (DLDP) functions can improve monitor and troubleshoot Ethernet networks, helping facilitate network management. DDM(Digital Diagnostic Monitoring) function helps view the status of SFP modules and configure alarm settings, warning settings, temperature threshold settings, voltage threshold settings, bias current threshold settings, TX power threshold settings, and RX power threshold settings.

IPv6 Support

TL-SG3428X-UPS supports various IPv6 functions such as Dual IPv4/IPv6 Stack, MLD Snooping, IPv6 ACL, DHCPv6 Snooping, IPv6 Interface, Path Maximum Transmission Unit (PMTU) Discovery and IPv6 Neighbor Discovery, which guarantees your network is ready for the Next Generation Network (NGN) without upgrading your network equipment.

Enterprise Level Management Features

TL-SG3428X-UPS is easy to use and manage. It supports various user-friendly standard management features, such as intuitive web-based Graphical User Interface (GUI) or industry-standard Command Line Interface (CLI), either administration traffic can be protected through SSL or SSH encryptions. SNMP and RMON support enables the switch to be polled for valuable status information and to send traps on abnormal events.

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