

TL-SG3428MP

TP-Link TL-SG3428MP Omada 28 portlu Gigabit L2+ idarəolunan switchdir. 24 PoE+ portu IP kameralar, access pointlər və VoIP üçün yüksək PoE gücü təmin edir. 4 SFP uplink, VLAN, QoS, ACL və Omada SDN mərkəzləşdirilmiş idarəetmə dəstəyi ilə biznes və enterprise şəbəkələri üçün ideal həlldir.



Specifications

Model	TL-SG3428MP
Brand	Tp-Link
Port say?	24 Port
Tip	Managed
PoE	PoE+
Port sür?ti	1000mb/s
PoE gücü	400 W

KEY FEATURES

HARDWARE FEATURES

Interface	• 24× 10/100/1000Mbps RJ45 Ports • 4× Gigabit SFP Slots • 1× RJ45 Console Port • 1× Micro-USB Console Port
Fan Quantity	2
Power Supply	100-240 V AC~50/60 Hz
PoE Ports (RJ45)	• Standard: 802.3at/af compliant • PoE+ Ports: 24 Ports, up to 30 W per port • Power Budget: 384 W*
Dimensions (W x D x H)	17.3 × 13.0 × 1.7 in (440 × 330 × 44 mm)
Mounting	Rack Mountable
Max Power Consumption	• V1: 463.8 W (110 V/60 Hz) (with 384 W PD connected); 31.0 W (110 V/60 Hz) (no PD connected) • V2: 465.8 W (110 V/60 Hz) (with 384 W PD connected); 34.4 W (110 V/60 Hz) (no PD connected) • V3: 442.1 W (220 V/50 Hz) (with 384 W PD connected) • V4: 460.8 W (110 V/60 Hz) (with 384 W PD connected) • V5: 456.4 W (110 V/60 Hz) (with 384 W PD connected)
Max Heat Dissipation	• V1: 1582.49 BTU/h (110 V/60 Hz) (with 384 W PD connected); 105.78 BTU/h (110 V/60 Hz) (no PD connected) • V2: 1589.31 BTU/hr (110 V/60 Hz) (with 384 W PD connected); 117.38 BTU/hr (110 V/60 Hz) (no PD connected) • V3: 1508.67 BTU/hr (220 V/50 Hz) (with 384 W PD connected) • V4: 1572.48 BTU/hr (110 V/60 Hz) (with 384 W PD connected) • V5: 1557.47 BTU/hr (110 V/60 Hz) (with 384 W PD connected)

PERFORMANCE

Switching Capacity	56 Gbps
Packet Forwarding Rate	41.66 Mpps
MAC Address Table	• V1: 8K • V2 and above: 16K

Packet Buffer Memory 4.1 Mbit

Jumbo Frame	9 KB
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SOFTWARE FEATURES

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
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HARDWARE FEATURES

- L3 Features
- 16 IPv4/IPv6 Interfaces
 - Static Routing
 - 48 static routes
 - Static ARP
 - 128 static entries
 - 316 ARP Entries (512 ARP Entries for TL-SG3428 V2.0 & TL-SG3428MP V2.0)
 - Proxy ARP
 - Gratuitous ARP
 - DHCP Server
 - DHCP Relay
 - DHCP interface relay
 - DHCP VLAN relay
 - DHCP L2 Relay
 - 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, BPDU Protect, Root Protect, Loop Protect
 - Loopback Detection

- L2 and L2+ Features
- 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

- L2 Multicast
- Supports 511 (IPv4, IPv6) IGMP groups
 - IGMP Snooping
 - IGMP v1/v2/v3 Snooping
 - Fast Leave
 - IGMP Snooping Querier
 - IGMP Authentication
 - IGMP Authentication
 - MVR
 - MLD Snooping
 - MLD v1/v2 Snooping
 - Fast Leave
 - MLD Snooping Querier
 - Static Group Config
 - Limited IP Multicast
 - Multicast Filtering: 256 profiles and 16 entries per profile
 - Automatic Device Discovery
 - Batch Configuration
 - Batch Firmware Upgrading

Advanced Features

- Intelligent Network Monitoring
- Abnormal Event Warnings
- Unified Configuration
- Reboot Schedule