

Switch TP-LINK Omada TL- SG2008 8xRJ45 TL-SG2008



Model: SG2008

Manufacturer: TP-LINK

EAN: 6935364021788

Product Code: 771966

R2,477

What This Product Does

TP-LINK Gigabit Smart Switch TL-SG2008 is equipped with 8 gigabit RJ45 ports. The switch provides high performance, enterprise-level QoS, useful security strategies and rich layer 2 management features.

TP-LINK's 8-Port Gigabit Smart Switch TL-SG2008 is especially designed for the small and medium business networks that require efficient network management. TL-SG2008 comes with a comprehensive set of features, such as Link Aggregation Group, 802.1Q VLAN, Access Control Lists (ACL), Quality of Service(QoS L2 to L4), Storm Control and IGMP Snooping to provide a small or medium-sized business with a network that is geared for growth while ensuring performance and reliability. What's more, its easy-to-use web management interface means faster setup and configuration with less downtime, providing the ideal solution for your business network.

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Advanced QoS Features

To integrate voice, data and video service on one network, the switch applies rich QoS policies. Administrator can designate the priority of the traffic based on a variety of means including Port Priority, 802.1P Priority and DSCP Priority, to ensure that voice and video are always clear, smooth and jitter free. In conjunction with the Voice VLAN the switch supports, the voice applications will operate with much smoother performance.

Abundant Layer 2 Features

For more application of layer 2 switches, TL-SG2008 supports a complete lineup of layer 2 features, including 802.1Q tag VLAN, Port Isolation, Port Mirroring, STP/RSTP/MSTP; Link Aggregation Control Protocol and 802.3x Flow Control function. Any more, the switches provide advanced features for network maintenance such as Loop Back 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 restrict each subscriber on a port level to prevent unauthorized multicast access.

Enterprise Level Management Features

TL-SG2008 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). SNMP (v1/2/3) and RMON support enables the switch to be polled for valuable status information and send traps on abnormal events.

- Gigabit Ethernet connections on all ports provide full speed of data transferring
- Integrated security strategy including 802.1Q VLAN, ACL, Port Security and Storm control help protect LAN area investment
- L2/L3/L4 QoS and IGMP snooping optimize voice and video applications
- WEB/CLI managed modes, SNMP, RMON bring abundant management features
- Innovative energy-efficient technology saves up to 65% of power consumption

Summary: TP-Link JetStream 8-Port Gigabit Smart Network Switch. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 8. Full duplex. MAC address table: 8000 entries, Switching capacity: 16 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3i, IEEE... | Vendor Homepage: <https://www.tp-link.com/uk/service->

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provider/smart-switch/tl-sg2008/ | Switch type: Managed | Switch layer: L2 | Quality of Service (QoS) support: Yes | Web-based management: Yes | System event log: Yes | MIB support: Y | Basic switching RJ-45 Ethernet ports quantity: 8 | Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000) | Gigabit Ethernet (copper) ports quantity: 8 | Networking standards: IEEE 802.1D/IEEE 802.1p/IEEE 802.1Q/IEEE 802.1s/IEEE 802.3ab/IEEE 802.3ad/IEEE 802.3i/IEEE 802.3u/IEEE 802.3x/IEEE 802.3z | 10G support: No | Copper ethernet cabling technology: 1000BASE-T/100BASE-TX/10BASE-T | Cable types supported: Cat3/Cat4/Cat5/Cat5e | Port mirroring: Yes | Full duplex: Yes | Half duplex: Yes | Broadcast storm control: Yes | Flow control support: Yes | Link aggregation: Yes | Rate limiting: Yes | Spanning tree protocol: Yes | VLAN support: Yes | Virtual LAN features: Multicast VLAN/Tagged VLAN/Voice VLAN | Number of VLANs: 512 | Switching capacity: 16 | Forwarding rate: 11.9 | MAC address table: 8000 | Jumbo frames support: Yes | Jumbo frames: 9216 | Packet buffer memory: 4 | DHCP features: DHCP client | Access Control List (ACL): Yes | IGMP snooping: Yes | Security algorithms: SSH/SSH-2/SSL/TLS | SSH/SSL support: Yes | Multicast support: Yes | Product colour: Black | LED indicators: Yes | Fanless: Yes | Power source: AC | Power supply included: Yes | AC input voltage: 100 - 240 | AC input frequency: 50 - 60 | Power consumption (max): 6.42 | Power over Ethernet (PoE): No | Operating temperature (T-T): 0 - 40 | Storage temperature (T-T): -40 - 70 | Operating relative humidity (H-H): 10 - 90 | Storage relative humidity (H-H): 5 - 90 | Width: 209 | Depth: 126 | Height: 26 | Cables included: AC | User guide: Yes | Package width: 223 | Package depth: 280 | Package height: 68 | Package weight: 930 | Certification: CE, FCC, RoHS | Unit Calculated Weight: 1.03 | Product Net Weight: 0.8 | Unit Calculated Volume: 0.005452 | Units per Shipping Box: 12 | Shipping Box Height: 24 | Name: NET SWITCH 8PORT 1000M/OMADA SG2008 TP-LINK | Series: Omada | Model name: TL-SG2008

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