

TP-Link TL-SG2210P

Artikel	796378
Herstellernummer	TL-SG2210P V3
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TP-Link	



What This Product Does

TP-LINK Gigabit Smart Switch TL-SG2210P is equipped with 8 gigabit RJ45 ports and 2 SFP slots, all RJ45 Ports support the PoE standard with total PoE power budget of 53W and useful PoE power management features. The switch provides high performance, enterprise-level QoS, useful security strategies and rich layer 2 management features.

TP-LINK's Gigabit Smart Switch TL-SG2210P is especially designed for the small and medium business networks that require efficient network management. TL-SG2210P 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.

IEEE 802.3af-compliant Power over Ethernet

The TL-SG2210P supports 8 ports of IEEE 802.3af-compliant PoE and has a total power supply of 53W to power any 802.3af compliant power device. It's an efficient and cost-effective choice to work with wireless access points, surveillance cameras, IP phones and other PoE supported devices, while getting rid of cables or power lines running around. Compact and flexible, the TL-SG2210P is ideal to flexibly use PoE to deploy wireless access points or IP-based network surveillance cameras for projects or small business networks.

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-SG2210P 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-SG2210P 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.

Zusammenfassung

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TP-Link JetStream 8-Port Gigabit Smart PoE+ Switch with 2 SFP Slots, Managed, L2, Gigabit Ethernet (10/100/1000), Power over Ethernet (PoE)

TP-Link JetStream 8-Port Gigabit Smart PoE+ Switch with 2 SFP Slots. 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, Console port: RJ-45. MAC address table: 8000 entries, Switching capacity: 20 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ad, IEEE.... Power over Ethernet (PoE)

Merkmale

		Management features	
Logistics data		Switch type	Managed
Harmonized System (HS) code	85176990	Switch layer	L2
		Quality of Service (QoS) support	Yes
		Web-based management	Yes
		MIB support	Y
Multicast features		Packaging data	
Multicast support	Yes	Cables included	AC
		Quick start guide	Yes
Optical fiber		Package width	315 mm
Fiber ethernet cabling technology	1000BASE-X, 100BASE-FX	Package depth	240 mm
Fiber type	Multi-mode	Package height	70 mm

Design

Product colour	Black
LED indicators	Link, PoE, Power
Certification	CE, FCC, RoHS

Performance

Compatible operating systems	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7/8, MAC® OS, NetWare®, UNIX® or Linux.
Fanless	Yes
Minimum system requirements	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7/8, MAC® OS, NetWare®, UNIX® or Linux.

Power over Ethernet (PoE)

Power over Ethernet (PoE)	Yes
Power over Ethernet plus (PoE+) ports quantity	8
Total Power over Ethernet (PoE) budget	58 W

Weight & dimensions

Width	209 mm
Depth	126 mm
Height	26 mm

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%

Power

Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	75.3 W

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	8
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
SFP module slots quantity	2
Fiber ports quantity	2
Fiber optic connector	SFP
Console port	RJ-45

Data transmission

Switching capacity	20 Gbit/s
Forwarding rate	14.88 Mpps
MAC address table	8000 entries
Number of queues	4
Jumbo frames support	Yes
Jumbo frames	9000
Packet buffer memory	4.1 MB

Security

DHCP features	DHCP client, DHCP snooping, DHCPv6 client, DHCPv6 snooping
Access Control List (ACL)	Yes
IGMP snooping	Yes
Security algorithms	SNMP, SSH, SSH-2
MAC address filtering	Yes
SSH/SSL support	Yes
BPDUs filtering/protection	Yes

Network

Networking standards	IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support	No
Copper ethernet cabling technology	1000BASE-T, 1000BASE-TX, 10BASE-T
Port mirroring	Yes
Flow control support	Yes
Link aggregation	Yes
Broadcast storm control	Yes
Rate limiting	Yes
Spanning tree protocol	Yes
VLAN support	Yes
Virtual LAN features	MAC address-based VLAN, Multicast VLAN, Protocol-based

Number of VLANs	VLAN, Voice VLAN 4000
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Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.