



Switch TP-LINK Desktop/pedestal 28x10Base-T 100Base-TX 1000Base-T PoE+ ports 24 250 Watts TL- SG1428PE



Model: TL-SG1428PE

Manufacturer: TP-LINK

EAN: 6935364072209

Product Code: 333191

R5,593

Professional High Power 28-Port Gigabit Easy Smart Switch with 24-Port PoE+

Easy to Use, Multi-Purpose PoE Switch with Powerful Performance

Multiple Application Scenarios

The TL-SG1428PE is fully compatible with PoE devices, such as IP cameras, access points, and IP

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phones. It also works with non-PoE wired devices to provide gigabit connections, such as PCs, printers, and IPTV.

Dedicated 24 PoE+ Ports (250 W Budget) for Numerous Applications

Compliance with the 802.3af/at PoE+ standard supports up to 30 W on each PoE port. The total 250 W PoE power budget for the 24× gigabit PoE+ ports makes it has a wide range of applications, such as surveillance, offices, dormitories, and small businesses. It is fully compatible with IP cameras, access points, IP phones, computers, printers, etc.

Easy to Use

Value-Added Features Bring Unexpected Experiences

QoS for a Lag-Free Experience

Ensures smooth traffic for latency-sensitive applications, such as voice and video.

IGMP Snooping for Multicast Optimization

Ensures a better network experience, especially for applications like IPTV, by optimizing multimedia traffic delivery.

VLAN for Security

Helps to create a network with higher security and better overall performance by dividing the network into smaller groups.

Making Management Easy

TL-SG1428PE offers network monitoring for users to observe traffic behavior. Through its web-based user interface and management utility, the TL-SG1428PE offers a variety of useful features, including network monitoring, traffic prioritization, and enhanced QoS.

Multiple Factors Guarantee Stable Operation

System Self-Healing with PoE Auto Recovery

The switch automatically detects and reboots the PD devices, such as cameras and APs, when they

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fall offline or go unresponsive, guaranteeing the stable operation of PoE-connected devices, without need for manual monitoring and restart.

Intelligent Power Management to Prevent Power Overload

Automatically cuts lower priority ports' power to ensure high-priority ports' power supply when the total PoE power consumption exceeds 250 W. This protects the device from power overload operation.

Great Compatibility with PD Detection

Automatically detects the required PoE power for your device and protects your non-PoE equipment from being damaged.

Wide Operating Temperature with Good Heat Dissipation

Durable metal casing and professional heat dissipation design ensure the wide operating temperature (0-50°C) with reliability.

- 24 10/100/1000Mbps RJ45 PoE+ Ports Switch with 2 SFP Slots
- PoE power budget is up to 250 W, making it ideal for small to medium business surveillance systems
- Priority Mode helps to guarantee the quality of sensitive application like video monitoring
- PoE Auto Recovery enables system self-healing to guarantee the stable operation of PoE-connected devices
- QoS is for smooth internet-surfing experience and IGMP Snooping is capable of optimizing traffic for IPTV
- Intelligent power management can protect the switch from overload

Summary: TP-Link 28-Port Gigabit Easy Smart Switch with 24-Port PoE+. 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: 26. MAC address table: 8000 entries, Switching capacity: 56 Gbit/s. Networking standards: IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U | Vendor Homepage: <https://www.tp-link.com/uk/business-networking/poe-switch/tl-sg1428pe/> | Quality of Service (QoS) support: Yes | Switch layer: L2 | Switch type: Managed | Web-based management: Yes | Basic switching RJ-45 Ethernet ports quantity: 26 | Basic switching RJ-45 Ethernet

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ports type: Gigabit Ethernet (10/100/1000) | Gigabit Ethernet (copper) ports quantity: 26 | SFP module slots quantity: 2 | 10G support: No | Auto MDI/MDI-X: Yes | Auto-negotiation: Yes | Broadcast storm control: Yes | Cable types supported: Cat3/Cat4/Cat5/Cat5e/Cat6 | Copper ethernet cabling technology: 1000BASE-T/100BASE-TX/10BASE-T | Flow control support: Yes | Link aggregation: Yes | Networking standards: IEEE 802.1p/IEEE 802.1Q/IEEE 802.3/IEEE 802.3ab/IEEE 802.3af/IEEE 802.3at/IEEE 802.3u/IEEE 802.3x | Number of VLANs: 32 | Port mirroring: Yes | Rate limiting: Yes | Virtual LAN features: Port-based VLAN/Tagged VLAN | VLAN support: Yes | Fiber ethernet cabling technology: 1000BASE-X | Forwarding rate: 41.7 | Jumbo frames: 10000 | Jumbo frames support: Yes | MAC address table: 8000 | Number of queues: 4 | Packet buffer memory: 4.1 | Store-and-forward: Yes | Switching capacity: 56 | IGMP snooping: Yes | Security algorithms: SNMP/SNMPv2/SNMPv3 | Multicast support: Yes | Form factor: 1U | Number of fans: 2 | Product colour: Black | Rack mounting: Yes | AC input frequency: 50 - 60 | AC input voltage: 100 - 240 | Power consumption (max): 1039.03 | Power source: AC | Power supply included: Yes | Power over Ethernet (PoE): Yes | Power over Ethernet (PoE) power per port: 30 | Power over Ethernet plus (PoE+) ports quantity: 24 | Total Power over Ethernet (PoE) budget: 250 | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): 0 - 50 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 70 | Depth: 220 | Height: 44 | Width: 440 | Cables included: AC | Rack mount kit: Yes | User guide: Yes | Package depth: 528 | Package height: 100 | Package weight: 2287 | Package width: 336 | Certification: CE, FCC, RoHS | Harmonized System (HS) code: 85176990 | Product Net Weight: 3.4 | Shipping Box Height: 42.5 | Unit Calculated Volume: 0.02123 | Unit Calculated Weight: 3.98 | Units per Pallet: 0 | Units per Shipping Box: 4 | Model: TL-SG1428PE | Model name: 28-Port Gigabit Easy Smart Switch with 24-Port PoE+

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