

TP-Link 28-Port Gigabit Easy Smart Switch with 24-Port PoE+

Brand : TP-Link Product code: TL-SG1428PE

Product name: 28-Port Gigabit Easy Smart Switch with

24-Port PoE+

- 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 $\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) \left$
- QoS is for smooth internet-surfing experience and IGMP Snooping is capable of optimizing traffic for $\ensuremath{\mathsf{IPTV}}$
- Intelligent power management can protect the switch from overload

26 x 10/100/1000 Mbps RJ45 Ports, 2 x Gigabit SFP Ports, 2 x PoE+, 440 \times 220 \times 44 mm



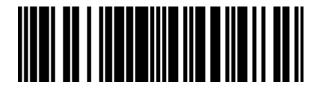


Management features		Security	
Switch type *	Managed	Security algorithms	SNMP, SNMPv2, SNMPv3
Switch layer	L2	Multicast features	
Quality of Service (QoS) support	√	Multicast support	✓
Web-based management	✓	Design	
Ports & interfaces		Rack mounting *	1
Basic switching RJ-45 Ethernet ports quantity *	26	Form factor	1U
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Product colour Number of fans	Black 2 fan(s)
Gigabit Ethernet (copper) ports quantity	26	Certification	CE, FCC, RoHS
SFP module slots quantity	2	Power	
Network		Power source * Power supply included *	AC ✓
Networking standards *	IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x	AC input voltage AC input frequency Power consumption (max)	100 - 240 V 50 - 60 Hz 1039.03 W
10G support *	X	Power over Ethernet (PoE)	
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Power over Ethernet (PoE) *	1
Cable types supported	Cat3, Cat4, Cat5, Cat5e, Cat6	Power over Ethernet plus (PoE+) ports quantity	24
Port mirroring Flow control support	1	Power over Ethernet (PoE) power per port	30 W
Link aggregation Broadcast storm control	√	Total Power over Ethernet (PoE) budget	250 W
Rate limiting	✓	Operational conditions	
Auto MDI/MDI-X Auto-negotiation VLAN support Virtual LAN features Number of VLANs	√ √ Port-based VLAN, Tagged VLAN 32	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Storage relative humidity (H-H)	0 - 50 °C -40 - 70 °C 10 - 90% 5 - 90%
Optical fiber		Weight & dimensions	
Fiber ethernet cabling technology	1000BASE-X	Width Depth	440 mm 220 mm

Data transmission		Weight & dimensions	
Switching capacity * 56 Gbit/s	Height	44 mm	
Forwarding rate MAC address table *	forwarding rate 41.7 Mpps	Packaging data	
MAC address table * 8000 entries Store-and-forward Number of queues Jumbo frames support Jumbo frames Packet buffer memory 8000 entries 4 Jumbo entries 4 Jumbo frames 4 Jumbo frames 10000 Packet buffer memory 4.1 MB	Cables included User guide Rack mount kit	AC ✓	
		Package width Package depth Package height	336 mm 528 mm 100 mm
Security		Package weight	3.94 kg
IGMP snooping	✓	Logistics data	
		Harmonized System (HS) code	85176990









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