



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



Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L2	Design	
Quality of Service (QoS) support	✓	Rack mounting *	✓
Web-based management	✓	Form factor	1U
Ports & interfaces		Product colour	Black
Basic switching RJ-45 Ethernet ports quantity *	26	Number of fans	2 fan(s)
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Power	
Gigabit Ethernet (copper) ports quantity	26	Power source *	AC
SFP module slots quantity	2	Power supply included *	✓
Network		AC input voltage	100 - 240 V
Networking standards *	IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x	AC input frequency	50 - 60 Hz
10G support *	✗	Power consumption (max)	1039.03 W
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Power over Ethernet (PoE)	
Cable types supported	Cat3, Cat4, Cat5, Cat5e, Cat6	Power over Ethernet (PoE) *	✓
Port mirroring	✓	Power over Ethernet plus (PoE+) ports quantity	24
Flow control support	✓	Power over Ethernet (PoE) power per port	30 W
Link aggregation	✓	Total Power over Ethernet (PoE) budget	250 W
Broadcast storm control	✓	Operational conditions	
Rate limiting	✓	Operating temperature (T-T)	0 - 50 °C
Auto MDI/MDI-X	✓	Storage temperature (T-T)	-40 - 70 °C
Auto-negotiation	✓	Operating relative humidity (H-H)	10 - 90%
VLAN support	✓	Storage relative humidity (H-H)	5 - 90%
Virtual LAN features	Port-based VLAN, Tagged VLAN	Weight & dimensions	
Number of VLANs	32	Width	440 mm
Optical fiber		Depth	220 mm
Fiber ethernet cabling technology	1000BASE-X	Height	44 mm
		Packaging content	
		Cables included	AC

Data transmission		Packaging content	
Switching capacity *	56 Gbit/s	User guide	✓
Forwarding rate	41.7 Mpps	Rack mount kit	✓
MAC address table *	8000 entries	Packaging data	
Store-and-forward	✓	Package width	336 mm
Number of queues	4	Package depth	528 mm
Jumbo frames support	✓	Package height	100 mm
Jumbo frames	10000	Package weight	3.94 kg
Packet buffer memory	4.1 MB	Certificates	
Security		Certification	CE, FCC, RoHS
IGMP snooping	✓	Logistics data	
Security algorithms	SNMP, SNMPv2, SNMPv3	Harmonized System (HS) code	85176990



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