



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		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 *	✓
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	Black
Gigabit Ethernet (copper) ports quantity	26	Number of fans	2 fan(s)
SFP module slots quantity	2	Certification	CE, FCC, RoHS
Network		Power	
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	Power source *	AC
10G support *	✗	Power supply included *	✓
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	AC input voltage	100 - 240 V
Cable types supported	Cat3, Cat4, Cat5, Cat5e, Cat6	AC input frequency	50 - 60 Hz
Port mirroring	✓	Power consumption (max)	1039.03 W
Flow control support	✓	Power over Ethernet (PoE)	
Link aggregation	✓	Power over Ethernet (PoE) *	✓
Broadcast storm control	✓	Power over Ethernet plus (PoE+) ports quantity	24
Rate limiting	✓	Power over Ethernet (PoE) power per port	30 W
Auto MDI/MDI-X	✓	Total Power over Ethernet (PoE) budget	250 W
Auto-negotiation	✓	Operational conditions	
VLAN support	✓	Operating temperature (T-T)	0 - 50 °C
Virtual LAN features	Port-based VLAN, Tagged VLAN	Storage temperature (T-T)	-40 - 70 °C
Number of VLANs	32	Operating relative humidity (H-H)	10 - 90%
Optical fiber		Storage relative humidity (H-H)	5 - 90%
Fiber ethernet cabling technology	1000BASE-X	Weight & dimensions	
		Width	440 mm
		Depth	220 mm

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



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