



TP-Link 8-Port Gigabit Managed Reverse PoE Switch

Brand : TP-Link

Product code: TL-RP108GE

Product name : 8-Port Gigabit Managed Reverse PoE Switch



Reverse PoE, CSMA/CD, 7 x PoE-in RJ45, 1 x PoE-out RJ45, 10/100/1000Mbps, 11.9 Mbps, 16 Gbps, 158 x 99.1 x 25 mm

[TP-Link 8-Port Gigabit Managed Reverse PoE Switch:](#)

What This Product Does

The Passive PoE switch TL-RP108GE has seven gigabit PoE input ports that allow it to receive power from user outlets via PoE injectors. Equipped with one PoE output port, the switch can supply power to CPEs and similar devices via Port 8. The DC output port supports both 5 V and 12 V optional output voltage and can be used to power devices like ONTs. With data switching and PoE integrated into a single unit, TL-RP108GE saves space, minimizes cabling, and eliminates the need for dedicated electrical outlets—lowering deployment costs and simplifying installation for PoE-capable devices.



Management features		Security	
Switch type *	Managed	Loop protection	✓
Switch layer	L2	Design	
Quality of Service (QoS) support	✓	Product colour	Black
Ports & interfaces		Reset button	✓
Basic switching RJ-45 Ethernet ports quantity *	8	LED indicators	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Power	
Network		Power source *	DC
Networking standards *	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3p, IEEE 802.3q, IEEE 802.3u, IEEE 802.3x	Power supply included *	✗
10G support *	✗	Input current	1 A
Port mirroring	✓	Input voltage	5 V
Full duplex	✓	Power over Ethernet (PoE)	
Half duplex	✓	Power over Ethernet (PoE) *	✓
Broadcast storm control	✓	Power over Ethernet (PoE) type supported	Passive PoE
Rate limiting	✓	Power over Ethernet (PoE) ports quantity	8
VLAN support	✓	Operational conditions	
Virtual LAN features	Port-based VLAN, Tagged VLAN	Operating temperature (T-T)	0 - 40 °C
Number of VLANs	4000	Storage temperature (T-T)	-40 - 70 °C
Data transmission		Operating relative humidity (H-H)	10 - 90%
Switching capacity *	16 Gbit/s	Storage relative humidity (H-H)	5 - 90%
Forwarding rate	11.9 Mpps	Weight & dimensions	
MAC address table *	4000 entries	Width	158 mm
Store-and-forward	✓	Depth	99.1 mm
Static route	✓	Height	25 mm
Jumbo frames support	✓	Certificates	
Jumbo frames	16000	Certification	FCC, CE, RoHS
Security		Logistics data	
IGMP snooping	✓	Harmonized System (HS) code	85176990



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