



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



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