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 × 99.1 × 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	
Switch type *	Managed
Switch layer	L2
Quality of Service (QoS) support	✔
Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity *	8
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
Network	
Networking standards *	IEEE 802.3ab, IEEE 802.3i, IEEE 802.3p, IEEE 802.3q, IEEE 802.3u, IEEE 802.3x
10G support *	✘
Port mirroring	✔
Full duplex	✔
Half duplex	✔
Broadcast storm control	✔
Rate limiting	✔
VLAN support	✔
Virtual LAN features	Port-based VLAN, Tagged VLAN
Number of VLANs	4000
Data transmission	
Switching capacity *	16 Gbit/s
Forwarding rate	11.9 Mpps
MAC address table *	4000 entries
Store-and-forward	✔
Static route	✔

Security	
Loop protection	✔
Design	
Product colour	Black
Reset button	✔
LED indicators	✔
Power	
Power source *	DC
Power supply included *	✘
Input current	1 A
Input voltage	5 V
Power over Ethernet (PoE)	
Power over Ethernet (PoE) *	✔
Power over Ethernet (PoE) type supported	Passive PoE
Power over Ethernet (PoE) ports quantity	8
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	5 - 90%
Weight & dimensions	
Width	158 mm
Depth	99.1 mm
Height	25 mm

Data transmission	
Jumbo frames support	✔
Jumbo frames	16000
Security	
IGMP snooping	✔

Certificates	
Certification	FCC, CE, RoHS
Logistics data	
Harmonized System (HS) code	85176990

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