

Omada Unmanaged Switch | Datasheet

DS110GMP

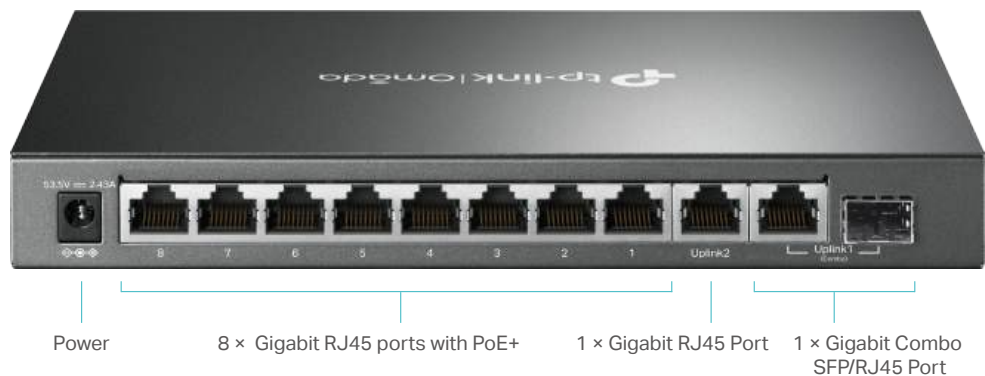
Omada 10-Port Gigabit Desktop Switch with 8-Port PoE+



Highlights

- 9× Gigabit RJ45 ports, and 1× Gigabit combo SFP/RJ45 Port
- 8× PoE+ ports transfer data and power via a single cable with a total power budget of 123 W*
- Compliance with IEEE 802.3af/at PoE+, the switch supports PoE Power up to 30 W for each PoE port
- Up to 250 m (820ft) data and power transmission range under Extend Mode**
- Priority Mode ensures high priority of ports 1–2 to guarantee the quality of the sensitive applications
- Isolation Mode allows one-click client traffic separation for higher security and performance
- Automatically reboots your dropped or unresponsive PoE-powered devices with PoE Auto Recovery.
- Plug and Play. No configuration or central management required.†
- Fanless design reduces power consumption and works silently in its location

Product Pictures



Specifications

Model	DS110GMP
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z
Network Ports	9 10/100/1000 Mbps RJ45 Ports; 1 Gigabit Combo Port
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m) 100Base-TX: UTP category 5, 5e cable (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m)
PoE	PoE Standard: IEEE 802.3af, IEEE 802.3at PoE Port 1–8, up to 30 W per port PoE Power Budget 123 W
Auto-Negotiation	YES
Auto MDI/MDIX	YES
PoE Power on RJ45	Power+: pin 3 & pin 6 Power -: pin 1 & pin 2
Max Power Consumption	7.93 W (220 V/50 Hz no PD connected) 141.40 W (220 V/50 Hz with 123 W PD connected)
Max Heat Dissipation	27.04 BTU/h (220 V/50 Hz no PD connected) 482.17 BTU/h (220 V/50 Hz with 123 W PD connected)
Forwarding Method	Store And Forward
Switch Capacity	20 Gbps
MAC Address Table	4K, Auto-learning, Auto-aging
Extend Mode	YES (For Ports 1–4)
Priority Mode	YES (For Ports 1–2)
Isolation Mode	YES (For Ports 1-4 / 5-8)
PoE Auto Recovery	YES (For Ports 1-4)

Flow Control	YES
Fanless	YES
LED	Power, Link/Act, PoE Status, PoE Max
Dimensions (W x D x H)	8.2 × 4.9 × 1.0 in (209 × 126 × 26 mm)
Certification	FCC, CE
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10% ~ 90%RH, non-condensing Storage Humidity: 5%~90%RH, non-condensing

Disclaimers

The speed of the ports in extend mode will downgrade to 10 Mbps. The actual transmission distance may vary due to power consumption of PoE-powered devices or the cable quality and type.

PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

Omada Unmanaged Switches do not support Omada SDN central management.

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