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

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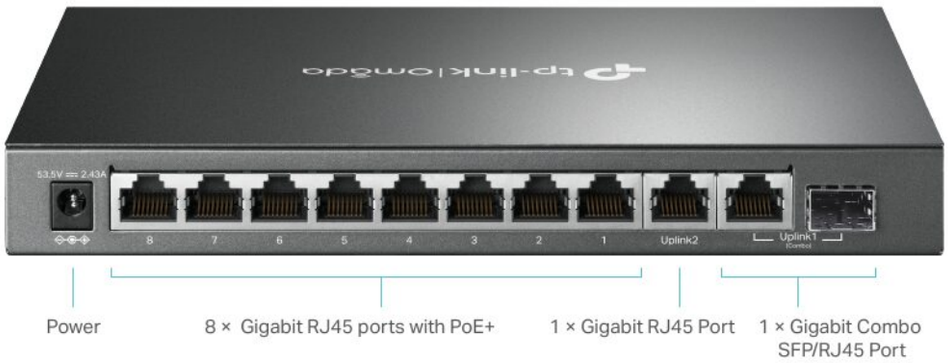
Product Pictures





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)

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Flow Conrol	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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