Omada Unmanaged Switch | Datasheet

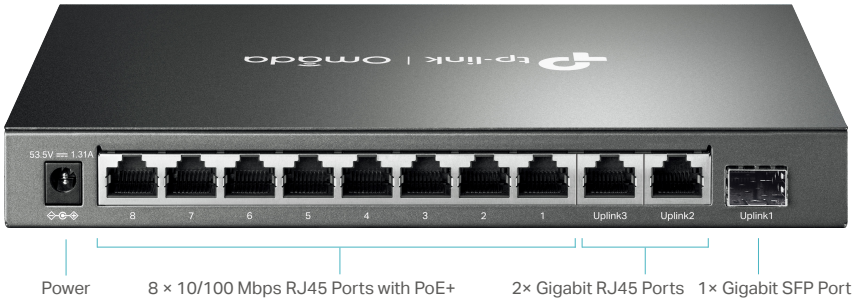
DS111P

Omada 8-Port 10/100Mbps + 3-Port Gigabit Desktop Switch with 8-Port PoE+

Highlights

- 8× 10/100 Mbps RJ45 Ports, 2× Gigabit RJ45 Ports, 1× Gigabit SFP Port
- 8× PoE+ ports transfer data and power on individual cables
- Works with IEEE 802.3af/at compliant PDs
- Supports PoE Power up to 30 W for each PoE port
- Supports PoE Power up to 65 W for 8 PoE ports
- Up to 250 m (802 ft) data and power transmitting range under Extend Mode
- Isolation Mode allows one-click client traffic separation for higher security and performance
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices
- Fanless Design reduces power consumption and works silently in its location
- Plug and Play. No configuration or central management required.

Product Pictures



Specifications

Model	DS111P
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3z
Network Ports	8* 10/100 Mbps RJ45 ports with PoE+ (port 1 to port 8) 2* 1000 Mbps RJ45 ports 1* 1000 Mbps SFP Slot
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 65 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	5.61 W (220 V/50 Hz. no PD connected) 77.32 W (110 V/50 Hz. with 65 W PD connected)
Max Heat Dissipation	19.13 BTU/h (no PD connected) 263.7 BTU/h (with 65 W PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	7.6 Gbps
MAC Address Table	2k, Auto-learning, Auto-aging
Extend Mode	YES
Isolation Mode	YES
PoE Auto Recovery	YES
Flow Conrol	YES
Fanless	YES
Dimensions	8.2 x 4.9 x 1.0 in (209 x 126 x 26mm)
Certification	CE, FCC

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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