

Unmanaged Switch

Datasheet

DS111P

8-Port 10/100Mbps + 3-Port Gigabit Unmanaged 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

Features & Performance	
	Model
Hardware Features	DS111P
	Standards and Protocols
	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.3ab, IEEE 802.3z
	Interface
	<ul style="list-style-type: none">• 8× 10/100 Mbps 802.3af/at PoE+ Ports, 2× Gigabit RJ45 Ports, 1× Gigabit SFP Port• AUTO Negotiation• AUTO MDI/MDIX
	Network Media
	<ul style="list-style-type: none">• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)• EIA/TIA-568 100Ω STP (maximum 100m)• 100BASE-TX: UTP category 5, 5e cable (maximum 100m)• EIA/TIA-568 100Ω STP (maximum 100m)
	Fan Quantity
	Fanless
	Physical Security Lock
Performance	Yes
	Power Supply
	External Power Adapter (Output: 53.5 VDC / 1.31 A)
	Dimensions (W x D x H)
Performance	8.2 × 4.9 × 1.0 in (209 × 126 × 26 mm)
	Max. Power Consumption
	<ul style="list-style-type: none">• 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
	<ul style="list-style-type: none">• 19.13 BTU/h (no PD connected)• 263.7 BTU/h (with 65 W PD connected)
Performance	PoE Ports (RJ45)
	<ul style="list-style-type: none">• Standard: 802.3 af/at compliant• PoE Ports: Ports 1–8• Power Supply: 65 W
	Switching Capacity
	7.6 Gbps
Performance	Packet Forwarding Rate
	5.6544 Mpps
	MAC Address Table
Performance	2K
	Jumbo Frame
Performance	16 KB

Software Features	Advanced Features	<ul style="list-style-type: none"> • Compatible With IEEE 802.3af/at Compliant PDs • Extend Mode: Ports 1–4/1–8** • Isolation Mode: Ports 1–8 • PoE Auto Recovery: Ports 1–8 • Mac Address Auto-Learning and Auto-Aging • IEEE802.3x Flow Control
	Transmission Method	Store and Forward
Others	Certification	CE, FCC, RoHS
	Package Content	<ul style="list-style-type: none"> • DS111P • Power Adapter • Installation Guide • Rubber Feet
Physical & Environment	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
	Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
	Operating Humidity	10% to 90% RH non-condensing
	Storage Humidity	5% to 90% RH non-condensing

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.

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.

Omada Unmanaged Switches do not support Omada SDN central management.

Some models featured in this guide may be unavailable in your country or region. Visit the Omada by TP-Link website for local sales information: <https://www.omadanetworks.com>. Specifications are subject to change without notice.

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