LP-SGP801
8 PoE Ports 10/100/1000 Mbps Ethernet Gigabit Switch.

Features

- 8 x 10/100/1000Mbps Auto-Negotiation and Auto-MDIX Fast Ethernet RJ45 ports.

- Built-in 8 PoE port. (Port 1 ~ Port 8).

- Supports PoE power maximum 15.4 watts for each PoE port.

- Loading limit is seven (7) loaded PoE ports and one for uplink or for a not PoE loading device.

- Supports POE Power Devices (PD).

- Store and Forward Switching Method.

- Built-in 2K entries MAC Address table/ 4K VLANs / 9216-byte jumbo packet length.

- IEEE 802.3x Flow Control for Full-Duplex: Back Pressure Flow Control for Half-Duplex Mode.

- Supports 802.1Q VLAN, port-based IEEE 802.1p QoS.

- Supports IVL, SVL and IVL/SVL.

- Store & forward, shared memory, non-blocking architecture.

- No Special Networking Cable Required.

- Plug and Play.

- The LP-SGP801 is a power source equipment (PSE) that complies with the IEEE 802.3af power over ethernet (PoE) standard.

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8 PoE Ports 10/100/1000 Mbps Ethernet Gigabit Switch.

The LP-SGP801 8-Port Gigabit PoE Ethernet Switch is a high-performance 10/100/1000 Mbps Gigabit PoE switch with up to seven PoE active ports and one Gigabit up-link port active.

Each of the PoE ports can deliver up to 15.4W per port but the user must limit the total PoE outputs active to seven (7) in order to limit the total power rating to 112 W.

This 112 W limit results from subtracting the 8 W normally consumed by the internal circuit of the PoE switch from the 48 VDC 2.5A power adaptor maximum of 120 W.

In real installations, loads are lower than 15.4 W and the LP-SGP801 could power all of them if the 112 W total is enforced.

This product is an ideal solution for small office and home users to utilize a combination of Gigabit PoE and non-PoE devices. The switch automatically detects IEEE 802.3af compliant devices and provides power and data over a single cable.

A ▸ Applications

The LP-SGP801 8 PoE Ports 10/100/1000 Mbps Ethernet Gigabit Switch is a Power Source Equipment (PSE) and fully compatible with Powered Devices (PD) that comply with the IEEE 802.3af PoE standard, allowing users to attach any IEEE802.3af compliant device such as wireless Access Points (APS), VOIP phone, IP camera, printer and Network Attached Storage (NAS), without requiring additional power on a network.

The unit is designed with home and small business users in mind and is a cost-effective solution for environments where AC power is not available or too costly to install at the remote site to power the PD devices.

Specifications	
LP-SGP801	8 PoE ports 10/100/1000 Mbps Gigabit Switch
MAC Address Table	2K
Transmission Method	Store-and-forward
Forwarding Rate	14,880 pps 10M / 148,880 pps 100 M 1,488,000 pps 1000 M
VLANs	1,4 support
Support Packet lenght	9612 bytes
Interface Options	
Interface Options	RJ-45 x 5 10Base-T/100Base-T/1000Base-T
LED Indicators	
	Per port: 10/100/1000, Link / ACT, PoE act / Status. Per unit: Power.
Dimensions	
	151 mm x 120 mm x 30 mm 5.95 in x 4.72 in x 1.18 in
Operating Temperature	
	0°C ~ 40 °C (32° F ~ 104 ° F)
Certification	
	FCC / CE / RoHS
Network Protocol and Standard	
IEEE Standard	802.3 10 M Ethernet 802.3u 100 M Fast Ethernet 802.3ab 1000 M base-T 802.3x flow control
Supports	802.3af 15.4 W Power over Ethernet 802.1Q VLAN 802.1p QoS 8 port state for Spanning Tree
PoE Power Output	
FCC / CE / RoHS	48 VDC 15.4 W Max per Port. Max PoE total output Power: 112 W PoE pin-out: Pin 3/6 for (+) , Pin 1 / 2 are (-)

Power Input	
	48 VDC 2.5A 120 Watts max
Humidity	
	10% ~ 90% (non-condensing)
Warranty	
	1 year

B How to order

LP-SGP801 8 PoE port 10/100/1000 Ethernet Gigabit Switch.