

**LP-SG800**  
**8 Ports 10/100/1000Mbps GigaSpeed Switch**

LPSG800\_SS\_ENB01W

**Features**

- 8 port gigabit RJ45 network (Does not have PoE capability).
- Backplane Speed: 16Gbps.
- Fluid Control:  
 Full-duplex: IEEE 802.3x,  
 Hal f-duplex: back pressure.
- Auto MDI/MDIX.
- Provides moderate port lightning protection.
- Store-and-forward capability.
- All ports support wire speed switch, jumbo frame transmission.
- Plug and play, self-adaption.
- Panel lights can monitor operative mode and malfunction analysis.
- Network Segregation Selector.



**LP-SG800**  
**8 Ports 10/100/1000Mbps**  
**GigaSpeed Switch**

LP-SG800 very fast, low cost Gigabit Ethernet switch, was designed mainly for the SOHO (small office/home office) access layer or aggregation layer application. LP-SG800 features; Plug and play capability, self-adaptation, total standard support, regular mode as well as network port isolation.



It is a very fast and affordable solution to the everyday challenging network integration.

You can get up to 1Gb (1000Mb) of data transfer thanks to a very fast, zero hassle 16GB backplane.

When N-Seg is selected (Network Segregation mode) the ports 2 to 8 are isolated from each other, forcing the traffic strictly to the port number one (1) only, which is suitable for the use of the wireless AP, cameras or other devices, which can effectively restrain the network storm and improve the performance safety of the wireless network. This would help to comply with the new policy where you don't even trust your own users.



If the switch is selected, all the ports 2 to 8 are tunneled only to port number 1. N-SEG isolates ports 2 to 8 to interface each other. This may be inadequate for some applications, but it is wonderful for others scenarios where ports don't have or need to communicate between them under any circumstance. Example cameras, AP and others applications where security is a must.

**A Technical Specifications:**

<b>1000M Rj45</b>	8
<b>Switching mode</b>	Storage and forward
<b>Bandwidth</b>	16G
<b>MAC address</b>	4K
<b>Environment</b>	Working Temperature: -10°C~55°C
	Storage temperature: -40°C ~70°C
	Storage Humidity: 10%~90% RH sin condensación
	Storage Humidity: 5%~90% RH non-condensing
<b>Power input</b>	DC 5~15V
<b>Standards Protocols</b>	IEEE 802.3
	IEEE 802.3i 10BASE-T
	IEEE 802.3u 100BASE-TX
	IEEE 802.3ab 1000BASE-T
	IEEE 802.3x
	IEEE 802.1q VLAN
<b>System model</b>	Default standard; Network Segregation
<b>Speed</b>	Ethernet 10Mbps half-duplex, 20Mbps full-duplex
	Fast Ethernet 100Mbps half-duplex, 200Mbps full-duplex.
	Gigabit Ethernet 2000Mbps full-duplex
<b>Network Media</b>	10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP ( $\leq 150m$ )
	100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP ( $\leq 150m$ )
	1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP ( $\leq 100m$ )
<b>Product specifications</b>	Product Size: 138mm*78mm*25mm (L*W*H)
	Package Size: 215mm*175mm*45mm (L*W*H)
	Weight: 0.5Kg

✓ **Fully Compatible and lab tested with Cisco, D-link, Tp-link, LanPro and other switches.**

✓ **Independent lab test measures the traffic of this model and ranges from 800 to 980Mbps in all the test.**

✓ **If you need copy of the performance test, please check in our web page: [www.lanpro.com](http://www.lanpro.com), on the documents section of the model.**

**B How to Order:**

**LP-SG800 8 Port 10/100/1000Mbps Gigaspeed Switch**