Active Products - Switches

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

SLANPRO

LPSG800_SS_ENB01W

LP-SG80

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 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.

www.lanpro.com

ELANPRO

A Technical Specification	ons:
---------------------------	------

1000M Rj458Switching modeStorage and forwardBandwidth16GMAC address4KMAC address4KMage and forward remeatures: -10°C~55°CStorage temperatures: -40°C ~70°CStorage temperature: -40°C ~70°CStorage Humidity: 10%~90% RH sin condensaciónStorage Humidity: 5%~90% RH non-condensingPower inputDC 5~15VReferenceReferenceIEEE 802.3IEEE 802.3IEEE 802.3u 100BASE-TIEEE 802.3u 100BASE-TXIEEE 802.1g VLANSystem modelDefault standard; Network SegregationStandard; Network SegregationIBER 802.1g VLANSpeedForthert 10Mbpshalf-duplex, 20Mbps full-duplex.Gigabit Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex.Gigabit Ethernet 200Mbps full-duplexIOBAse-TX: Pair 2 Category 5 (Cat5e) and above UTP/STP (<150m)	100014 5:45	
Bandwidth 16G MAC address 4K MAC address 4K Max address 4K Max address 4K Max address 4K Max address 5torage temperature: -10°C~55°C Storage temperature: -40°C ~70°C 5torage temperature: -40°C ~70°C Storage Humidity: 10%~90% RH sin condensación 5torage Humidity: 5%~90% RH non-condensing Power input DC 5~15V IEEE 802.3 1EEE 802.3 IEEE 802.3 i 10BASE-T 1EEE 802.3u 100BASE-TX IEEE 802.3a i 100BASE-T 1EEE 802.3a IEEE 802.1q VLAN 1EEE 802.1q VLAN System model Default standard; Network Segregation Ethernet 10Mbps half-duplex, 20Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex, 20Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex. Metwork Media 100Base-TX: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product Size: 138mm*78mm*25mm (L*W*H) Product specifications Package Size: 215mm*175mm*45mm (L*W*H)	-	
MAC address 4K MAC address 4K MAC address 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 Storage Humidity: 5%~90% RH non-condensing Power input DC 5~15V IEEE 802.3 IEEE 802.3 IEEE 802.3 i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 100BASE-T IEEE 802.3a 10EE 802.3k IEEE 802.3ab 100BASE-T IEEE 802.3a System model Default standard; Network Segregation System model Default standard; Network Segregation Speed Ethernet 10Mbps half-duplex, 20Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex Gigabit Ethernet 2000Mbps full-duplex. Network Media 10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product specifications Product Size: 138mm*78mm*25mm (L*W*H) Package Size: 215mm*175mm*45mm (L*W*H)	Switching mode	Storage and forward
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 Power input DC 5~15V IEEE 802.3 IEEE 802.3 IEEE 802.3u 10BASE-T IEEE 802.3u 10BASE-TX IEEE 802.3u 100BASE-TX IEEE 802.3u 100BASE-T IEEE 802.3v IEEE 802.3v IEEE 802.1q VLAN Ethernet 100BaseInder, 200Mbps full-duplex Speed Ethernet 10Mbps half-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex Gigabit Ethernet 200Mbps full-duplex. Network Media 100Base-TX: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤150m) Product specifications Package Size: 215mm*175mm*45mm (L*W*H)	Bandwidth	16G
Environment Storage temperature: -40°C ~70°C Storage Humidity: 10%~90% RH sin condensación Storage Humidity: 5%~90% RH non-condensing Power input DC 5~15V IEEE 802.3 IEEE 802.3 IEEE 802.3 i 10BASE-T IEEE 802.3 i 10BASE-T IEEE 802.3 u 100BASE-TX IEEE 802.3 a 1000BASE-T IEEE 802.3 u 100BASE-T IEEE 802.3 u 100BASE-T IEEE 802.3 u 100BASE-T IEEE 802.3 u 100BASE-T IEEE 802.3 u 100BASE-T IEEE 802.3 u 100BASE-T IEEE 802.1 q VLAN System model Default standard; Network Segregation IEEE 802.1 q VLAN Speed Fast Ethernet 10Mbps half-duplex, 20Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex Gigabit Ethernet 2000Mbps full-duplex Metwork Media 10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 5 (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product specifications Product Size: 138mm*78mm*25mm (L*W*H) Product Size: 215mm*175mm*45mm (L*W*H)	MAC address	4K
Environment Storage Humidity: 10%~90% RH sin condensación Storage Humidity: 5%~90% RH non-condensing Power input DC 5~15V Power input DC 5~15V IEEE 802.3 IEEE 802.3 IEEE 802.3 i 10BASE-T IEEE 802.3 u 100BASE-TX IEEE 802.3 ab 1000BASE-T IEEE 802.3 ab 1000BASE-T IEEE 802.3 ab 1000BASE-T IEEE 802.3 ab 1000BASE-T IEEE 802.3 ab 1000BASE-T IEEE 802.3 ab 1000BASE-T IEEE 802.1 q VLAN Ethernet 100Mbps half-duplex, 20Mbps full-duplex System model Default standard; Network Segregation System function Ethernet 10Mbps half-duplex, 20Mbps full-duplex. Gigabit Ethernet 10Mbps half-duplex, 20Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex. Metwork Media 10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤150m) Product Size: 138mm*78mm*25mm (L*W*H) Package Size: 215mm*175mm*45mm (L*W*H)	Environment	Working Temperature: -10°C~55°C
Storage Humidity: 10%~90% RH sin condensaciónStorage Humidity: 5%~90% RH non-condensingPower inputDC 5~15VIEEE 802.3IEEE 802.3IEEE 802.3 i 10BASE-TIEEE 802.3 u 100BASE-TXIEEE 802.3 u 100BASE-TXIEEE 802.3 u 100BASE-TIEEE 802.3 u 100BASE-TIEEE 802.3 u 100BASE-TIEEE 802.3 u 100BASE-TIEEE 802.1 q VLANSystem modelDefault standard; Network SegregationSpeedEthernet 10Mbps half-duplex, 20Mbps full-duplexGigabit Ethernet 100Mbpshalf-duplex, 20Mbps full-duplex.Gigabit Ethernet 2000Mbps full-duplex10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m)100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m)100Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m)Product specificationsProduct Size: 138mm*78mm*25mm (L*W*H)Package Size: 215mm*175mm*45mm (L*W*H)		Storage temperature: -40°C ~70°C
Power inputDC 5~15VIEEE 802.3IEEE 802.3IEEE 802.3 i 10BASE-TIEEE 802.3u 100BASE-TXIEEE 802.3a 1000BASE-TIEEE 802.3a 1000BASE-TIEEE 802.3xIEEE 802.1q VLANSystem modelDefault standard; Network SegregationEthernet 10Mbps half-duplex, 20Mbps full-duplexSpeedFast Ethernet 10Mbps half-duplex, 200Mbps full-duplex.Gigabit Ethernet 2000Mbps full-duplexGigabit Ethernet 2000Mbps full-duplex10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (<150m)		Storage Humidity: 10%~90% RH sin condensación
IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3x IEEE 802.1q VLAN System model Default standard; Network Segregation Ethernet 10Mbps half-duplex, 20Mbps full-duplex Speed Fast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex Media 10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product specifications Product Size: 138mm*78mm*25mm (L*W*H)		Storage Humidity: 5%~90% RH non-condensing
Standards Protocols IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3ab 1000BASE-TS IEEE 802.1q VLAN System model Default standard; Network Segregation Speed Fast Ethernet 10Mbps half-duplex, 20Mbps full-duplex Gigabit Ethernet 2000Mbps full-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex I00Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 5 (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product Size: 138mm*78mm*25mm (L*W*H) Package Size: 215mm*175mm*45mm (L*W*H)	Power input	DC 5~15V
Standards ProtocolsIEEE 802.3u 100BASE-TXIEEE 802.3ab 1000BASE-TIEEE 802.3ab 1000BASE-TIEEE 802.3xIEEE 802.1q VLANSystem modelDefault standard; Network SegregationSpeedEthernet 10Mbps half-duplex, 20Mbps full-duplexSpeedFast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex.Gigabit Ethernet 2000Mbps full-duplex000Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m)Network Media100Base-TX: Pair 2 Category 5 (Cat5e) and above UTP/STP (≤150m)Product specificationsProduct Size: 138mm*78mm*25mm (L*W*H)	Standards Protocols	IEEE 802.3
Standards ProtocolsIEEE 802.3ab 1000BASE-TIEEE 802.3xIEEE 802.1q VLANSystem modelDefault standard; Network SegregationSpeedEthernet 10Mbps half-duplex, 20Mbps full-duplexSpeedFast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex.Gigabit Ethernet 2000Mbps full-duplexNetwork Media10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (<150m)		IEEE 802.3i 10BASE-T
IEEE 802.3ab 1000BASE-T IEEE 802.3x IEEE 802.1q VLAN System model Default standard; Network Segregation Ethernet 10Mbps half-duplex, 20Mbps full-duplex Fast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex Metwork Media 10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product specifications		IEEE 802.3u 100BASE-TX
IEEE 802.1q VLAN System model Default standard; Network Segregation Speed Ethernet 10Mbps half-duplex, 20Mbps full-duplex Speed Fast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplex Gigabit Ethernet 2000Mbps full-duplex Network Media 10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product specifications Product Size: 138mm*78mm*25mm (L*W*H)		IEEE 802.3ab 1000BASE-T
System modelDefault standard; Network SegregationSpeedEthernet 10Mbps half-duplex, 20Mbps full-duplexSpeedFast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex.Gigabit Ethernet 2000Mbps full-duplexMetwork Media10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (<150m)100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (<150m)1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (<100m)Product specificationsPackage Size: 215mm*175mm*45mm (L*W*H)		IEEE 802.3x
SpeedEthernet 10Mbps half-duplex, 20Mbps full-duplex Fast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplexNetwork Media10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m)Product specificationsProduct Size: 138mm*78mm*25mm (L*W*H) Package Size: 215mm*175mm*45mm (L*W*H)		IEEE 802.1q VLAN
SpeedFast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex. Gigabit Ethernet 2000Mbps full-duplexNetwork Media10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m)Product specificationsProduct Size: 138mm*78mm*25mm (L*W*H) Package Size: 215mm*175mm*45mm (L*W*H)	System model	Default standard; Network Segregation
Gigabit Ethernet 2000Mbps full-duplex I0Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m) 100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product specifications Package Size: 215mm*175mm*45mm (L*W*H)	Speed	Ethernet 10Mbps half-duplex, 20Mbps full-duplex
Network Media10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m)100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m)1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m)Product Size: 138mm*78mm*25mm (L*W*H)Package Size: 215mm*175mm*45mm (L*W*H)		Fast Ethernet 100Mbpshalf-duplex, 200Mbps full-duplex.
Network Media 100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (≤150m) 1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product specifications Package Size: 215mm*175mm*45mm (L*W*H)		Gigabit Ethernet 2000Mbps full-duplex
1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (≤100m) Product specifications Package Size: 215mm*175mm*45mm (L*W*H)	Network Media	10Base-T: Pair 2 Category 3 (Cat3) and above UTP/STP (≤150m)
Product Size: 138mm*78mm*25mm (L*W*H) Product specifications Package Size: 215mm*175mm*45mm (L*W*H)		100Base-TX: Pair 2 Category 5e (Cat5e) and above UTP/STP (\leq 150m)
Product specifications Package Size: 215mm*175mm*45mm (L*W*H)		1000Base-TX: Pair 2 Category 6 (Cat6) and above UTP/STP (\leq 100m)
	Product specifications	Product Size: 138mm*78mm*25mm (L*W*H)
Weight: 0.5Kg		Package Size: 215mm*175mm*45mm (L*W*H)
		Weight: 0.5Kg

 $\sqrt{}$ Fully Compatible and lab tested with Cisco, D-link, Tp-link, LanPro and other switches.

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

 $\sqrt{}$ If you need copy of the performance test, please check in our web page: www.lanpro.com, on the documents section of the model.

B How to Order:

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

LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.