

**LP-SGW28244FP**

**28 ports Gigabit Managed Switch, with 24x10/100/1000Mbps Independent PoE ports plus 4 copper/SFP fiber combo ports**

LPSGW28244FP\_SS\_ENB01W

**Features**

- Supports EPP Spring network Protocol.
- Supports EAP Spring network Protocol.
- Supports 802.1x argument agreement.
- Loop Protection, real time detection.
- Half-duplex communication based on back pressure control.
- Full-duplex communication based on PAUSE frames.
- Supports GMRP registration Protocol.
- Unknown Unicast and Multicast traffic burst suppression.
- Traffic burst suppression based on bandwidth regulation.
- Supports 802.1p traffic queue prioritization algorithm.
- Supports Cos/Tos, QoS markup.
- Supports WRR (Weighted Round Robin).
- Supports 3 priority programming WRR, SP and WFQ.
- Supports Auto-MDIX.
- Supports automatic port negotiation.
- Configuration file update.
- Event Console.
- Supports opening or closing ports.
- PoE administration schedule.
- Web administration.
- CLI Administration ia Telnet or RJ45/RS-232 Console.

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**LP-SGW28244FP** Gigabit managed Switch with web administration web is designed to obtain high security and high performance in computer networks. The device provides a complete set of management functions that allows easy adaptation to your infrastructure requirements. The design of this device makes it easy the managed and administration of computer networks.

Each of the 24 copper ports supports the IEEE 802.3af and IEEE 802.3at PoE standards and the switch acts as a PSE for connected equipment that meets these standards up to a maximum capacity of 350W (depending on the load setting and control of each port) through the practical and easy-to-use graphical interface of power management (GUI), which allows you to restart the port completely if you need to remotely reboot a device.

**LP-SGW28244FP** has 24 Gigabit ports + 4 Gigabit/combo ports ready for copper in case you require immediate implementation, additionally it has another 4 SFP combo ports that are available for use with Mini-GBIC technology. These 4 combo ports mentioned above DO NOT inhibit any of the 24 main ports of the switch.

**A Specifications**

<b>Description</b>	<p><b>LP-SGW28244FP</b> has 24 10/100/1000Mbps UTP/STP RJ45 ports that support IEEE 802.3af and IEEE 802.3at standards. It also has 4 SFP fiber combo ports that support Mini-GBIC modules, giving you great flexibility in the network. The aforementioned fiber ports DO NOT inhibit any of the 24 main ports of the switch. This switch has a maximum capacity of 350W and a recommended limit of 320W of PoE load and a GUI graphical interface for easy power management.</p> <p><b>LP-SGW28244FP</b> has robust security and management functions.</p>	
<b>Spotlight</b>	<p>24 PoE ports compliant with IEEE 802.3af and IEEE 802.3at PoE Standards</p> <p>Maximum recommended delivery of PoE power: 350W.</p> <p>SNMP, RMON, Web y CLI via Console and Telnet bring abundant management policies</p>	
<b>Ports</b>	10/100/1000M RJ45 Port	24
	SFP (Mini GBIC) and/or copper Gigaspeed	4
	Console RJ45	1
<b>PoE Ports</b>	Standards	IEEE 802.3af, IEEE 802.3at
	PoE ports	24
	Max. power per port (W)	30
	Overload port action	Turns ports off when current overload sensed, alarm displayed, and then will try to supply the power again after some time. If overload is sensed again, it will repeat these actions indefinitely
	Max. Power Supply (Watt)	320
<b>Protocols and Standards</b>	Standards IEEE	IEEE802.3x, IEEE802.3,IEEE802.3u,IEEE802.3ab,IEEE802.3z, IEEE802.3ad, IEEE802.3q,IEEE802.3q/p, IEEE802.1w,IEEE802.1d,IEEE802.1s
	Other Protocols and Standards	TCP/IP, SNMPv1/v2c/v3, HTTP, HTTPS, SSHv1/v2, RMON,
<b>Basic switching Features</b>	MAC Address Table(Kbytes)	Supports 16K MAC address table, automatic update, learning addresses both ways
	VLAN	Supports 802.1q Standard
		Supports VLAN Protocol, with up to 4096 VLAN
<b>Features</b>	Port Settings	Auto-negotiation Flow Control Port Mirror
	MAC Address table	User port support + IP address + MAC address
		Supports ACL based on IP Address and MAC Address
		Dynamic MAC Address Management
		MAC address search

<b>Features</b>	<b>VLAN</b>	Port based VLAN
		802.1q Tag VLAN
		Voice VLAN
		Multicast VLAN
		VLAN based on MAC Address
		VLAN based on GARP/GVRP protocol
	<b>Spanning Tree</b>	STP spanning tree protocol
		RSTP fast spanning tree protocol
		MSTP fast spanning tree protocol
	<b>Multicast Management</b>	IGMP v1/v2/v3
		IGMP Snooping y MLDv1/2 Snooping
		Multicast Package Management
		Multicast VLAN
		Multicast routing port
		Static multicast address
	<b>Security Features</b>	Port Security
		MAC Address Filter
		802.1x authentication (port based and MAC Address based)
	<b>Management</b>	SNMP v1/v2c/v3
		RMON
		Web-GUI (http/https)
CLI (Telnet, Console, SSHv1/v2)		
Two ways mirror port		
DHCP Client		
DHCP Snooping		
SNTP Client		
<b>Power</b>	Input (VAC, f [Hz])	100-240 VAC / 50-60Hz
	Power Supply maximum (W)	350
	Power System (Watt)	35.0
<b>Ambiente</b>	Operating Temperature °C/(°F)	0~40 (32~104)
	Storage Temperature °C/(°F)	-40~70 (-40~158)
	Operating Humidity %	10~90 non-condensing
	Storage Humidity %	5~90 non-condensing

**B How to order**

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