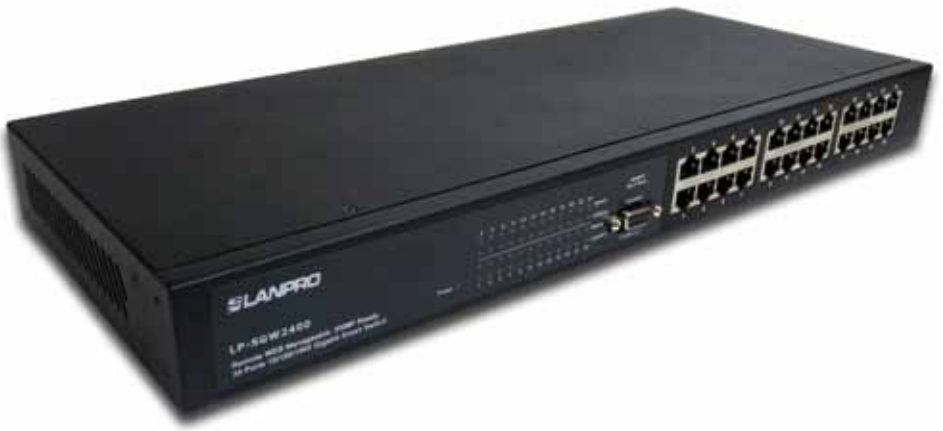
LP-SGW2400 24 port SNMP Manageable 10/100/1000 Mbps Gigabit Ethernet Switch.

LPSGW2400_SS_ENB01W

Features

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, EEE802.3ad, IEEE802.w, IEEE802.1x, IEEE802.1q, IEEE802.1p standards.
- 24 ports 10/100/1000 Mbps Auto-negotiation RJ45 ports, Auto MDI/MDIX function.
- Supports SNMP.
- Supports Jumbo Frame features.
- LanPro-Net Aurora series network managing software available. (Only for LanPro products).
- IEEE802.3x flow control for full-duplex, and backpressure flow control for half-duplex.
- 48 Gbps backplane bandwidth.
- Non-blocking wire-speed forwarding.
- Store and forward architecture and integrated 8 K MAC address table meet all the application demands.
- 8 VLAN groups for port-based VLANs.
- Port trunking.
- Port bandwidth control function.
- STP & RSTP (Rapid Spanning Tree Protocol).
- QoS function.
- Port-based access control support (IEEE 802.1x).
- Source IP filter per port to block unwanted access.
- Broadcast storm smart control function.
- Port mirroring.
- Web Smart and console management.
- Non-blocking wire speed switching.
- RS232 for local inbound administration.
- HTTP switch system software upgrading, configuration file, backup and reset function.
- Circuit diagnostics.
- Flow statistic function, dynamic display switch port receiving - transferring data package situation.
- Internal Universal Power Supply (90 to 230 VAC) 1U steel case, 19 inches standard structure design.
- Redundant Fan for more reliability and durability. Less heat and longer life.



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The LP-SGW2400 is a 24 port SNMP manageable Gigabit Ethernet switch.

This cost-effective switch has a form factor of 1 RU, and a near silent operation. It supports key features such as VLANs, RSTP (Rapid Spanning Tree Protocol), QoS, Bandwidth Control and more.

With a large 48 Gbps backplane bandwidth, the LP-SGW2400 is designed for large domains and workgroups connectivity applications with non-blocking, wire speed switching performance advanced and remote network management functions.

A Some benefits included

- Enhances network efficiency and administration at low cost.
- VLAN and trunking allows a single network adapter to behave as "n" number of virtual network adapters.

Some examples of Network Devices that benefit from a VLAN trunking switch are:

- Routers.
- Firewalls (software or hardware).
- Transparent proxy servers.
- VMWare hosts.
- Wireless Access Points.
- Servers.

Routers can become infinitely more useful once they are trunked in to the enterprise switch infrastructure through a LP-SGW2400. Once trunked, they become omnipresent and can provide routing services to any subnet in any corner of the enterprise network.

- Inbound or Outbound management capable. Can be locally or remotely manageable.
- Different workgroups or domains may coexist within the switch without interaction between them. Example: Warehouse, Administration and Sales groups share the physical structure, but are logically separated. This enhances also the security, privacy and performance level of the network.
- Provides increased flexibility, scalability and security to your network.
- Ideal for wireless WISP implementations.

Specifications	
Hardware Specification	
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3ad, IEEE 802.1w, IEEE 802.1x, IEEE 802.1Q, IEEE 802.1p
Fixed Port	24 10/100/1000M auto-negotiation RJ45 ports
Cable Type	10Base-T: Category 3/4/5 UTP, supports maximum transmission distance 100 m 100Base-TX: CAT 5 UTP, supports maximum transmission distance 100 m 1000Base-T: CAT 5e UTP, supports maximum transmission distance 100 m
LED Indicators	Power, Link/Act 1~24, Speed 1~24
Backplane Bandwidth	48 Gbps
MAC Address Table	8K
Forwarding Rate	10 Mbps: 14880 PPS 100 Mbps: 148800 PPS 1000 Mbps: 1488000 PPS

Dimensions (W x H x D)	440*180*44 (mm)	
Gross Weight	3 kg/pc	
Input Voltage	100 V~240 VAC, 50/60Hz	
Power Consumption	< 30 W	
Working Temperature	0ºC~40ºC	
Store Temperature	-40ºC~70ºC	
Operating Humidity	10%~90% RH non-condensing	
Storage Humidity	5%~90% RH non-condensing	
Heat Dissipation	Fan heat dissipation	
Software Specification		
Port Management	Port bandwidth control	Support
	Broadcast Storm Control	Support
	Port traffic statistics	Support
	Trunk	Support maximum 8 groups, every group maximum 24 ports
	Port mirroring	Support
VLAN Setting	Port-based VLAN	Support
	Based on 802.1Q VLAN	Support (4K)
STP	RSTP	Support
Multicast Application	IGMP(V1, V2) Snooping	Support
QoS Settings	QoS settings	Port-based, 802.1p, DSCP
	Queues scheduling algorithm	Strict Priority (SP), Weighted Round Robin (WRR)
Security Settings	802.1Xd port authentication	Support
	IP address filtering	Support
Backplane bandwidth.	48 Gbps	
System Management	WEB management	Support
	Console management	Support
	LACP status display	Support
	RSTP status display	Support
	IGMP status display	Support
	Ping allocation	Support
	Cable Diagnostics	Support
	Configuration files import and export	Support
	Software upgrade	Support

B How to order

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