

## LP-SGW52484FP 52 ports Gigabit Managed Switch, with 48x10/100/1000Mbps Independent PoE ports plus 4 SFP fiber ports

LPSGW52484FP\_SS\_ENB01W



### **LP-SGW52484FP** **52 ports Gigabit Managed Switch, with 48x10/100/1000Mbps** **Independent PoE ports plus 4 SFP fiber ports**

**LP-SGW52484FP** Gigabit managed Switch with web administration 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 48 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 600W (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.



## A Port performance

- Provide 48x10/100/1000M RJ45 adaptive POE ports, all of which can realize line speed forwarding.
- Provide 4 Gigabit SFP photoelectric multiplexing uplink ports for high-speed uplink transmission.
- It supports the combination of multiple types of ports to facilitate user's flexible networking and meet the networking requirements of various scenarios.
- Each port supports MDI/MDIX automatic flip and Duplex/rate self-negotiation.
- Support IEEE 802.3x full duplex flow control and backpressure half duplex flow control.

## B PoE Power Supply Function

- Comply with IEEE 802.3af/at/PoE++/BT power supply standard, the maximum PoE output power of the whole machine is 600W, the maximum PoE output power of 1-2 ports is 90W, and the maximum PoE output power of 3-48 ports is 30W.
- Automatic identification of PoE equipment for power supply without damaging non PoE equipment.
- The PoE port supports the priority mechanism. When the residual power is insufficient, the power supply of the high priority port is given priority to avoid the overload of the equipment.

## C Strong business processing capability

- Add a variety of new applications based on IPv6 to easily adapt to modern complex network management applications
- Support IEEE 802.1Q VLAN, users can flexibly divide VLAN according to their needs.
- Support voice VLAN, configure QoS parameters for voice data stream, improve the transmission priority of voice data stream and ensure the quality of communication.
- Support QoS, port based, 802.1p based and DSCP based priority modes to optimize bandwidth configuration.
- Supporting ACL, filtering data packets by configuring matching rules, processing operations and time permissions, and providing flexible security access control policies.
- Support IGMP V1 / V2 multicast protocol and IGMP snooping to meet the requirements of multi terminal HD video monitoring and video conference access.
- Support multicast VLAN and multicast filtering, transmit data efficiently, save network bandwidth and reduce network load.
- Support port monitoring, copy a packet of the monitored port to the monitoring port to realize network monitoring.
- Support the management and maintenance of equipment through web interface.
- Support port convergence, effectively increase link bandwidth, realize link backup and improve link reliability.

## D Security Protection

- Support STP / RSTP / MSTP spanning tree protocol, eliminate layer-2 loop and realize link backup.
- Support the spanning tree security function to prevent the devices in the spanning tree network from various forms of malicious attacks.
- Support static aggregation and dynamic aggregation, effectively increase link bandwidth, realize load balancing and link backup, and improve link reliability.

## E Easy Operation and Maintenance

- Support web network management, CLI command line (console, telnet), SNMP (V1 / V2 / V3) and other diversified management and maintenance methods.
- Support the encryption methods such as HTTPS, SSL V3, tlsv1, sshv1 / V2, and make the management more secure.
- Support RMON, system log, port traffic statistics, facilitate network optimization and transformation.
- The user can know the working status of the switch through the power indicator (PWR), port status indicator and system status indicator (sys).

## F The equipment is stable and reliable

- Independent research and development of power supply, high redundancy design, to provide long-term stable PoE power output.
- The equipment meets the national FCC standard, fully meets the safety requirements, and is safe and reliable.

## G Specifications

<b>Model</b>	<b>LP-SGW52484FP</b>
<b>Fixed port</b>	48x10/100/1000Base-TX PoE port (Data) 4x1000M SFP
<b>Console port</b>	1xConsole port
<b>Reset Key</b>	1
<b>Network Protocol</b>	IEEE 802.3x IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z IEEE 802.3ad IEEE 802.3q, IEEE 802.3q/p IEEE 802.1w, IEEE 802.1d, IEEE 802.1S IEEE 802.3z 1000BASE-X IEEE 802.3af/at/PoE++/BT STP (Spanning Tree Protocol) RSTP/MSTP (Rapid Spanning Tree Protocol) EPPS ring network protocol EAPS ring network protocol
<b>Port Specification</b>	10/100/1000BaseT (X) Auto
<b>Transmission Mode</b>	Store and Forward (full wirespeed)
<b>CPU</b>	MIPS-34Kc hasta 700MHz
<b>Bandwidth</b>	104/256Gbps
<b>DDR</b>	DDR3 2G
<b>Packet Forwarding</b>	74.88Mpps
<b>MAC Address</b>	16K
<b>Buffer</b>	12M

<b>Transmission Distance</b>	10BASE-T: CAT 3, 4, 5 UTP ( $\leq 250$ meter) 100BASE-TX : CAT 5 or later UTP ( $\leq 100$ meter) 1000BASE-TX: CAT 6 or later UTP ( $\leq 1000$ meter) 1000BASE-SX: 62.5 $\mu$ m/50 $\mu$ m MMF(2m~550m) 1000BASE-LX: 62.5 $\mu$ m/50 $\mu$ m MM(2m~550m) or 10 $\mu$ m SMF(2m~5000m)
<b>FLASH</b>	128M
<b>RAM</b>	128M
<b>PoE Standard</b>	Port 1-Port 2; Support IEEE802.3af/at/PoE+ =/BT Port 3-Port 48; Support IEEE802.3af/at
<b>Single port power</b>	Port 1-Port 2: MAX 90W; Port 3-Port 48: MAX 30W;
<b>Watt</b>	MAX 600W (AC100-240V 50/60HZ) (Optional MAX 800W)
<b>LED Indicator</b>	PWR: Power LED SYS:(System LED) 1~48:(Green LED=10/100M/1000M Link, PoE=Orange LED) 49-52: (SFP LED)
<b>Power</b>	Built-in power AC : 100~240V 50-60Hz 7A(800W_9A)
<b>Operating Temperature/Humidity</b>	-20~+55°C ; 5%~90% RH Non coagulation
<b>Storage Temperature/Humidity</b>	-40~+75°C ; 5%~95% RH Non coagulation
<b>Product size/Packing size</b>	440mm*360mm*45mm 515mm*375mm*95mm
<b>N.W/G. W (kg)</b>	5.5kg/6.3kg (800W_5.7kg/6.5kg)
<b>Installation</b>	Rack-mount (optional machine hanger spare parts)
<b>Lightning protection level</b>	3KV 8/20us ; IP30
<b>Certificate</b>	CE mark, commercial ; CE/LVD EN60950 ; FCC Part 15 Class B ; RoHS ;
<b>Warranty</b>	Whole device for 1 year (Accessories not included)

## H How to Order

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