

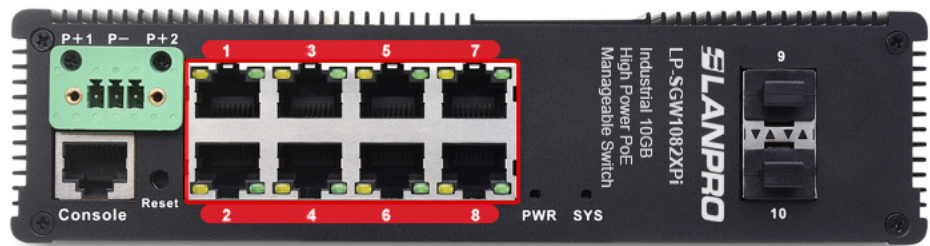
## LP-SGW1082XPi

**10 port Gigabit Managed DIN Rail Industrial Switch with 8x10/100/1000Mbps PoE port plus 2 SFP fiber port. Advanced L2 Management. Industrial Design**

LPSGW1082XPi\_SS\_ENB01W

## Features

- Support 2 Gigabit Fx ports + 8 Gigabit Tx POE ports.
- Support visiting the switch by CLI.
- Support EAPS, MSTP, VRRP various redundancy protocol.
- Support the SNMP, PMON, Telnet network management protocol.
- Support the hardware ACL filtration based on L2 layers data.
- Supports real-time broadcast storm monitoring control/rate limit.
- Support static multicast/dynamic IGMP snooping/multicast traffic filtering.
- Support port VLAN/IEEE 802.1q VLAN/QoS/port aggregation/port mirroring/IEEE802.1p/ToS DiffServe.
- Online software update based on FTP/TFTP.
- Wide working temperatures range -40 to 85°C.
- MTBF ≥ 300,000hrs.



## LP-SGW1082XPi

**10 port Gigabit Managed DIN Rail Industrial Switch with 8x10/100/1000Mbps PoE port plus 2 SFP fiber port. Advanced L2 Management. Industrial Design**

LP-SGW1082XPi layer 2 full Gigabit industrial Ethernet switch is a layer 2 high-performance Ethernet communication product for industrial communication. LP-SGW1082XPi supports 2 Gigabit Fx ports + 8 Gigabit Tx POE ports, and it is a standard 35mm din-rail installation switch. It can supply various high-grade management function, including MSTP, IGMP, IGMP Snooping, VLAN, GVRP, QoS, Trunk, rate control, port mirroring configuration and so on.

**A Specifications**

**L2 Management**

Management IP	192.168.10.12
User name	admin
Password	null
Redundancy protocol	Support MW-Ring and the recovery time<50ms Support STP/RSTP/MSTP/EAPS/LACP
Multicast routing	Support IGMP snooping/ IGMP v1/v2/v3 Support GMRP Support static multicast
Management and maintenance	Support CLI, WEB management method Support SNMPv1/v2c Support unified PC software management

**Technical specifications**

Ethernet Standard	IEEE802.3-10BaseT
	IEEE802.3u-100BaseTX/100Base-FX
	IEEE802.3x-Flow Control
	IEEE802.3z-1000BaseLX
	IEEE802.3ab-1000BaseTX
	IEEE802.1ab logical link discovery protocol
	IEEE802.1D-Spanning Tree Protocol
	IEEE802.1w-Rapid Spanning Tree Protocol
	IEEE802.1Q-VLAN Tagging
	IEEE802.1p-Class of Service
	IEEE802.1X -Port Based Network Access Control, etc.
	IEEE802.3af Power Over Ethernet
IEEE802.3at Power Over Ethernet Plus	

**Switch properties**

Priority queue	8
Number of VLANs	4096
Number of multicast groups	512
MAC table	8k
Switch Bandwidth	32Gbps
Switch Latency	<5μs

**Interface**

Gigabit port	Port numbers:10
	Connector: SFP port (LC interface, single or multi-mode), or RJ45 port
	Baud rate:1000Base-LX (fiber port), auto-negotiation 10/100/1000M-Tx port
Console port	RS232/RJ45
Terminal block for power input	5.08mm terminal block
Terminal block for relay alarm	5.08mm terminal block,1A@24VDC

Communication distance	
Twisted-pair	100m (CAT5/6/6A)
Multi-mode fiber	Gigabit multi-mode: 850nm, 550m;
Single mode fiber	Gigabit single mode: 1310nm, 20km;
LED indicator lights	Yes
Front panel LED lights	Port light: LINK/ACT; SPEED; ALARM; RUN Power LED: PWR1/PWR2
Power and POE	
Internal Consumption:	15W at No-Poe stage
PoE MODEL	PoE 120W 52V 2.3A
Overload protection	Support
Reverse protection	Support
Redundancy protection	Support Working environment
PoE Embedded Protection	6KV max.
Working environment	
Operating temperature	-40°C~70°C
Storage temperature	-40°C~85°C
Ambient humidity	5%~95% (non-condensing)
Physical characteristics	
Shell	IP40 protection, aluminum alloy shell
Installation	Standard 35mm rail mounting
Dimension	156mm×120mm×74mm
Physical characteristics	
EMC	EN61000-4-2(ESD), Level 4
	EN61000-4-3(RS), Level 4A
	EN61000-4-4(EFT), Level 4
	EN61000-4-5(Surge), Level 4
	EN61000-4-6(CS), Level 4
	EN61000-4-8, Level 5
Impact	IEC60068-2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6
Warranty	
Warranty period	2 Years
Certification	CE, FCC, RoHS UL® AT power supply level.

## B How to Order

**LP-SGW1082XPi 10 port Gigabit Managed DIN Rail Industrial Switch with 8x10/100/1000Mbps PoE port plus 2 SFP fiber port. Advanced L2 Management. Industrial Design.**

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