



Specification:

Full Gigabit 6-port L2 managed PoE switch with 4*10/100/1000M RJ45 ports and 2*100/1000M SFP ports

◆ Introduction: -

GL-6204GE-SFP is a full Gigabit L2+ managed PoE fiber switch. It has 4*10/100/1000Base-T adaptive RJ45 ports and 2*100/1000Base-X SFP slot ports. Port 1-4 supports IEEE 802.3 af/at PoE standard, and single-port PoE power up to 30W. As a PoE power supply device, it can automatically detect and identify powered devices that meet standards and power them through network cables. It can power PoE terminal equipment such as wireless AP, IP camera, Internet telephone, and building visual access control intercoms through network cables to meet network environments that require high-density PoE power supply.

◆ Characteristic: -

- Gigabit

- Support non-blocking line-speed forwarding, making transmission smoother.
- Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.
- Support Gigabit Ethernet port and Gigabit SFP port uplink combination to facilitate users' flexible networking and meet the networking needs of various scenarios.

- Intelligent POE+ power supply

- Comply with IEEE 802.3 af/at PoE power supply standard, automatically identify PoE equipment for power supply.
- 4*10/100/1000Base-T RJ45 ports support PoE power to meet the power supply needs of security monitoring, conference call systems, wireless coverage, and other scenarios.
- Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.
- Support PoE network management function, which can realize power allocation of each PoE port, priority setting, port power status viewing, time scheduling, etc.

◆ Specification: -

Specs & Model No.	GL-6204GE-SFP
Interface Characteristics	
Interface	2*100/1000Base-X uplink SFP ports (Data) 4*10/100/1000Base-T PoE ports (Power/Data) 1*Console RS232 port
Ethernet Port	Port 1-4 support 10/100/1000Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
Optical Cable/ Distance	Multi-mode: 850nm / 0-500m, Single-mode:1310nm / 0-40km, 1550nm / 0-120km.
Chip Parameter	
Network Management Type	L2+
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Forwarding rate	14.88Mpps
Switching Capacity	12Gbps (non-blocking)
MAC	8k
Buffer Size (MB)	4.1
LED Indicator	Power: PWR (Green), PoE: PoE (Green) Network: Link (Yellow), Fiber port: L/A (Green)
Network Management Features	
VLAN	Port-based VLAN (4K), VLAN based on the protocol IEEE802.1q
Multicast	IGMP Snooping v1/v2, Max 256 multicast groups
QoS	Diff-Serv QoS, Priority Mark/Remark 8*Output queues of each port, 802.1p/ DSCP priority mapping, Queue scheduling algorithm (SP, WRR, SP+WRR)
Security	Broadcast storm control, Port isolation, Port speed limit, DHCP Snooping, SSL ensures data transmission security Port isolation, IP source address protection Host data backup mechanism, Anti-DoS attack
Port Mirroring	Bidirectional data mirroring based on port
Port Aggregation	LACP dynamic aggregation, static aggregation, Max 3 aggregation groups and 8 ports per group
Management	Web network management (https), View CPU real-time utilization status, Link Layer Discovery Protocol (LLDP), NTP clock, SNMP V1/V2/V3, System work log, One click recovery, Ping detection, TP, TFTP, Xmodem, SFTP file upload and download management
Power Supply	
Power Supply Pin	1/2(+) 3/6(-)
Max Power Per Port	30W, IEEE 802.3 af/at
Total PWR/Input Voltage	65W/ (AC100-240V)
Power Consumption	Standby<5W, Full load<120W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 2.0A
Physical Parameter	
Dimension (L*W*H)	270*181*44.5mm
Net /Gross Weight	<1.5kg / <2.0kg
Operation TEMP/ Humidity	-20°C~+55°C, 5%~90% RH Non condensing
Storage TEMP/ Humidity	-40°C~+80°C, 5%~95% RH Non condensing
Lightning Protection	Lightning protection: 4KV 8/20us