



## Specification:

L2 managed PoE fiber switch with 16\*10/100M RJ45 ports and 2\*10/100/1000M RJ45 or 2\*1000M SFP uplink combo ports

### ◆ Introduction: -

Gigabit uplink L2 managed PoE fiber switch. It has 16\*10/100M RJ45 ports and 2\*10/100/1000M RJ45 or 2\*1000M SFP uplink combo ports. Ports 1-16 support IEEE 802.3 af/at PoE standard. Single-port max PoE power is 30W, and max PoE output power is 250W (at-400W). It is a new generation of high-performance hardware and software platforms to provide flexible and cost-effective 100M access and uplink ports. It supports complete security protection mechanisms, complete ACL/QoS policies, and flexible VLAN functions, and is easy to manage and maintain. PoE power supply devices can automatically detect and identify the power-receiving equipment that meets the standard and supplies power through the network cable.

### ◆ Characteristic: -

#### - 100Mbps access, Gigabit TP/SFP combo port uplin

- Support non-blocking wire-speed forwarding.
- Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- Support 10/100M Ethernet port and Gigabit TP/SFP combo port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

#### - Intelligent POE+ power supply

- PoE port support priority. When the remaining power is insufficient, priority is given to ensuring the power supply of high-priority ports to avoid equipment overload
- PoE remote network management. through the network management function, you can check the PoE port power, define the port power, and realize 7\*24h automatic port scheduling, etc.
- 16\*10/100Base-TX RJ45 ports support PoE power supply to meet the PoE power supply needs of security monitoring, conference call systems, wireless coverage, and other scenarios.
- IEEE 802.3 af/at PoE standard automatically identifies PoE devices for power supply without damaging non-PoE devices. The max PoE output power is 250W, and the max single-port PoE output power is 30W.

◆ Specification: -

Specs & Model No.	GL-6216GE-SFP
<b>Interface Characteristics</b>	
Interface	16*10/100Base-TX PoE ports (Data/Power), 1 Console Port 2*10/100/1000M RJ45 or 2*1000M SFP uplink combo ports (Data)
Ethernet Port	Port 1-16 support 10/100Base-TX and port 17-18 support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption
Optical Cable/ Distance	Multi-mode: 850nm/0-500m Single-mode: 1310nm/0-40km, 1550nm/ -120km.
<b>Chip Parameter</b>	
Network Management T	L2 (WEB management, platform management)
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX/FX IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Forwarding rate	5.36Mpps
Switching Capacity	14.8Gbps (Non-blocking)
MAC	16K
Buffer Size	4M
LED Indicator	Power: PWR(Green), Data: Link(Yellow) PoE: PoE (Green), Speed: SPD (Green)
<b>Network Management Features</b>	
VLAN	4K VLAN based on port, IEEE802.1q Q-in-Q configuration, VLAN based on protocol
Multicast	MLD Snooping v1/v2, Multicast VLAN IGMP Snooping v1/v2/v3, Max 64 multicast groups, Fast log out
QoS	Queue scheduling algorithm (SP, WRR, SP+WRR) 8*Output queues of each port, 802.1p/ DSCP priority mapping
Security	Port isolation, port broadcast storm suppression, Port+MAC binding, IP+MAC+port binding function, DHCP Client, DHCP Snooping, DHCP Relay
Port Mirroring	Bidirectional data mirroring based on port, Static aggregation
Management	NTP, One-key recovery, SNMP V1/V2/V3 System work log, Web Network Management (Https)
<b>Power Supply</b>	
Power Supply Pin	1/2(+) 3/6(-)
Max Power Per Port	30W, IEEE 802.3 af/at
Total PWR/Input Voltage	250W (AC100-240V)
Power Consumption	Standby<15W, Full load<240W
Power Supply	Built in power supply, AC100~240V 50-60Hz 4.1A
<b>Physical Parameter</b>	
Dimension (L*W*H)	440*290*44.5mm
Net /Gross Weight	<2.8kg /<3.5kg
Operation TEMP/ Humidity	-20°C~+55°C, 5%~90% RH Non condensing
Storage TEMP/ Humidity	-40°C~+75°C, 5%~95% RH Non condensing
Lightning Protection	Lightning protection: 4KV 8/20us