GL-COM
GL-808GP-2SFP

Product Description
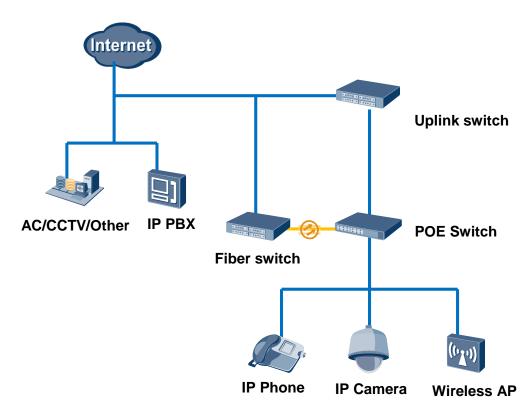
1. Overviews

To fulfill the demand of High Power PoE for network applications with Gigabit transmission, GL-COM GL-808GP-2SFP PoE Gigabit Ethernet Switch is an ideal solution. Each 10/100/1000Mbps port of the GL-808GP-2SFP features IEEE 802.3af and IEEE 802.3at Power over Ethernet (PoE) that combine up to 120-watt PoE budget on the whole system. All RJ45 copper interfaces of the GL-808GP-2SFP support 10/100/1000Mbps auto-negotiation for optimal speed detection through RJ45 Category 6, 5 or 5e cables. It also supports standard auto-MDI/MDI-X that can detect the type of connection to any Ethernet device without requiring special straight or crossover cables. 2 extra 1.25Gbps SFP slots can be used for uplink.

Typical applications please refer to following picture

2. Features

- Complies with IEEE 802.3, 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
- 8-Port 10/100/1000Mbps supports 52V DC power to PoE Powered Device
- 2 1.25Gbps SFP interfaces
- Complies with IEEE 802.3af/802.3at Power over Ethernet End-Span GL
- Up to 8 IEEE 802.3af devices powered

- Supports PoE Power up to 15.4 watts for each PoE port
- Up to 4 IEEE 802.3at devices powered
- Supports PoE Power up to 30 watts for each PoE port
- 120-watt PoE budget
- Auto detects powered device (PD)
- Circuit protection prevents power interference between ports
- Remote power feeding up to 100m
- Hardware based 10/100/1000Mbps auto-negotiation and auto MDI/MDI-X
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- IEEE 802.3x flow control for full duplex operation and back pressure for half duplex operation
- Integrates address look-up engine, supporting 8K absolute MAC addresses
- 2M packet buffer
- 10K Jumbo frame supports at 1000Mbps duplex mode
- Automatic address learning and address aging
- Made of metal, desktop size and wall-mount design

3. Products Panel Figure

Front panel

4. Technical Specifications

Item		Description
Model		GL-808GP-2SFP
Power Supply	Power Supply Mode	Power Adapter
	Voltage Range	DC 52V
	Power Consumption	The device <5W， POE power supply <120W
Network Port Parameter	Network Ports	1～8 Ports: 10/100/1000Mbps Ethernet port, adaptive control Uplink 2 SFP:1.25Gbps
	Transmission Distance	1~8 Ethernet Port：0~100m 2 SFP: According to different SFP
	Transmission Media	1~8 Ethernet Port：Cat5e/6 standard UTP cable， 2 SFP: LC interface optical fiber
	POE Agreement	IEEE802.3 af/at standards
	PoE Power Supply Mode	End-span method

	PoE Power Supply Wattage	Each port≤30W,Whole device<120W
Network Switch Specification	Network Standard	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-T
	Swap Mode	Store-and- forward
	Switch Capacity	24Gbps
	MAC Address List	8K
Status Indicators	Power Indicator Light	One power light （green）
	Optical Fiber Port Indicator	One fiber link indication light (green), Green light keeps on when the fiber port is well connected
	PoE Indicator	1~8 PoE indicator light（yellow）
	Network Port LED	1~8 port (green light on RJ45 jack) Keeps on when normally connected, Blinking when transceiver data
Protection Level	Surge Immunity	Level 3, executive standard：IEC61000-4-5
	Electrostatic Protection	1a touch electric discharge: level 3 1a Air discharge: level 3 Executive standard：IEC61000-4-2
Operating Environment	Working Temperature	-10℃～55℃
	Storage Temperature	-40℃-85℃
	Humidity(non-congeal)	0~95%
Mechanical Attributes	Dimensions (L*W*H)	202mmx140mmx44mm
	Color	Black
	Weight	1.2kg
Reliability	Mean time between failures （MTBF）	＞50000h