

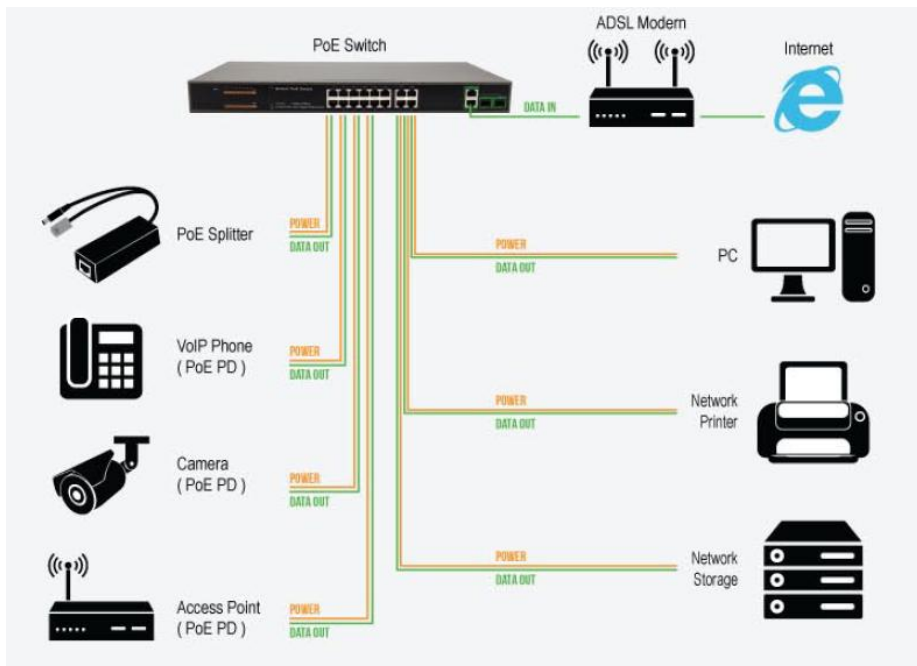
## POE SWITCH

# Model : SP1008GS



### Product Overview

To fulfil the demand of sufficient PoE power for network applications with Fast Ethernet speed transmission, the SP1008GS in the IEEE 802.3at PoE Fast Ethernet switch family is an 8-port 10/100Mbps IEEE802.3at Power over Ethernet +1 Gigabit Port +1 SFP Port Switch with a total of 130 watts of PoE budget, which is an ideal solution. It comes with a 13-inch metal compact housing, suitable for desktop deployment in SOHO office or department network application. It's easy to connect. With data and power over Ethernet from one unit, the SP1008GS reduces cabling requirements and eliminates the need for dedicated electrical outlets on the wall, ceiling or any unreachable place. A wire carries both data and power lowering the installation costs, simplifying the installation effort and eliminating the need for electricians or extension cords. Providing 8 PoE interfaces, the SP1008GS is ideal for small business and workgroups requiring to deploy the PoE for the wireless access points, IP-based surveillance camera or IP phones in any places easily, efficiently and cost-effectively.



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### Technical Specification

Standard	IEEE 802.3 10-BASE-T IEEE 802.3u 100-BASE-TX IEEE 802.3z 1000-BASE-SX/LX IEEE 802.3ab 1000-BASE-T IEEE 802.3x Flow Control IEEE 802.1D: Spanning tree protocol IEEE 802.1w: Rapid spanning tree protocol IEEE 802.1p: Class of service IEEE 802.1Q: VLAN Tagging IEEE 802.1x: Port Authentication Network Control IEEE 802.3af Power over Ethernet
PoE Spec	PoE Standard: IEEE 802.3at PoE Power Budget: System: 150W, PoE Max 130W PoE Power Output: Per Port 54V DC, Max. 15.4watts Power Supply Type: 1/2 (+), 3/6(-), Mode-A, End-Span Max no. of Class 3PD: 8 ports
LED	Power (Green), PoE in Use (Orange), 1000M LNK/ACT (Green), 1000MSFP LNK/ACT (Green) 10/100 LNK/ACT (Green)
Network Interface	8 x10/100Base-TX RJ-45 Auto-MDI/MDI-X ports 1 x10/100/1000Mbps RJ45 Auto-MDI/MDI-x ports
SFP/mini-GBIC Slots	1x1000Base-SX/LX, shared with Port-10
Switch architecture	Store and Forward
Switch Fabric	5.6Gbps / non-blocking
Address Table	8K entries
Share Data Buffer	512Kbytes
Max. Frame Size	9K Bytes
Flow Control	Back pressure for Half-Duplex IEEE 802.3x Pause Frame for Full Duplex
Power Input/Consumption	Input: 100~240V/AC, 50~60Hz 150Watts (Max)
Dimension / Weight	280(L) x 180(W) x 44(H) mm 1500g
Temperature	Operating : 0~50°C Storage : -10~70°C Relative Humidity : 20~95%, Non-condensing

### Key Features

- ▶ Up to 30W of power on
- ▶ Complies to IEEE 802.3at PoE standard and is backward
- ▶ Complies with All IEEE 802.3af/at or Legacy
- ▶ Safe: Low Power Devices Receive only the Power They Need
- ▶ Safe and Reliable Power to WLAN Access Points
- ▶ Automatic Detection & Protection of Non-standard Ethernet Terminals
- ▶ Supports 10/100Base-T applications
- ▶ Compact Design Fits Easily in WLAN Access
- ▶ Plug and Play, no configuration required
- ▶ Internal Power Supply
- ▶ Save up to 83% power with Green Technology

