PS1082Gi

10-Port 10/100/1000BaseT (UTP) + 8-Port PoE

Gigabit IEEE802.3 af/at PoE Switch

■ 8-port with IEEE 802.3af/at PoE standards

■ Supports input power of 100VAC ~ 240VAC

■ PoE over-current, over-voltage, over-temperature protections

■ Support up to 30W per PoE port basis

■ Internal AC-to-DC Power supply with PoE 120W power budget

■ 2KV surge protection (6KV optional)

OVERVIEW

PS1082Gi is a 10-port Gigabit PoE Switch with RJ45 connectors plus 8-port IEEE 802.3af/at for PoE plug-and-play installation. This slim switch is designed with Rack-mountable, making installation simple and easy.

The IEEE 802.3at/af PoE standard makes the PS1082Gi to deliver Gigabit speed data and up to 30 watts PoE per port for up to 8 PoE ports with an embedded AC-to-DC power supply for a combined total power budget of 120watts.

The PS1082Gi is designed to support PoE with Over Current Protection / Over Temperature Protection / Over Voltage Protection
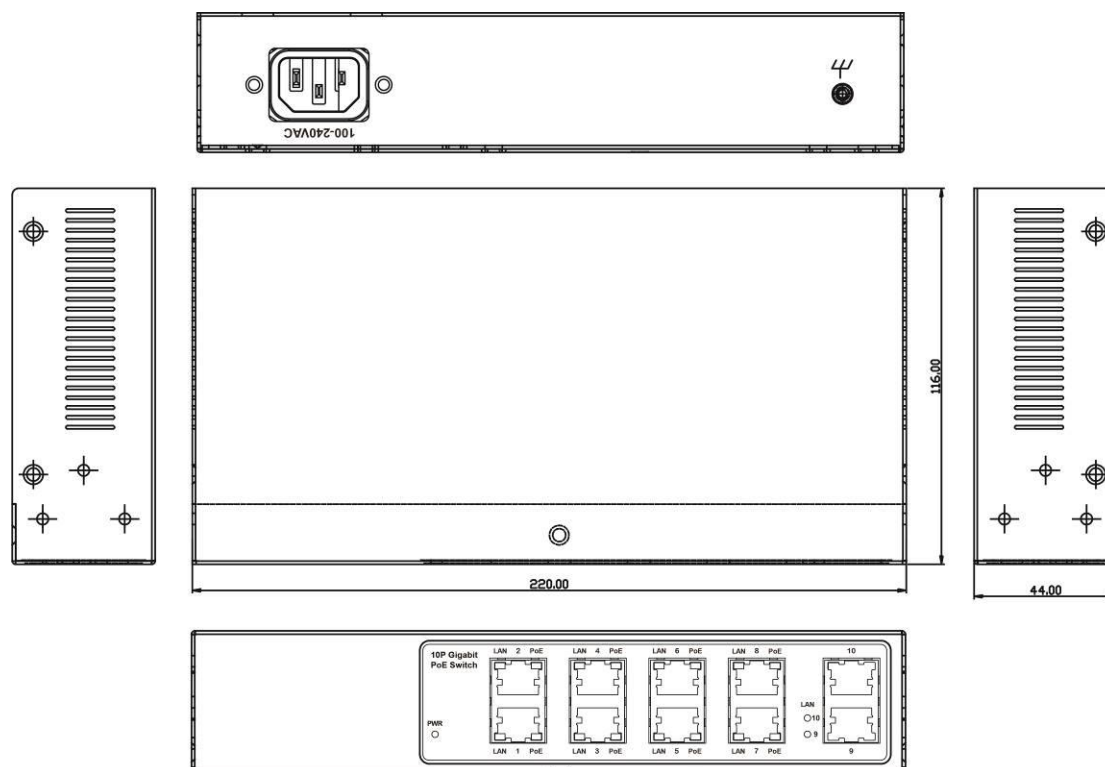
The PS1082Gi can be used in extreme environments with an operating temperature range of 0°C to 45°C.

FEATURES & BENEFITS

■ **System Interface/Performance**
  • RJ-45 port support Auto MDI/MDI-X Function
  • Store-and-Forward Switching Architecture
  • Back-plane (Switching Fabric): 20Gbps
  • 8K MAC address table
■ Complies with Complies with IEEE 802.3, 10BASE-T, IEEE802.3u, 100BASE-TX, IEEE802.3ab,1000BASE-T, IEEE802.3az Energy Efficient Ethernet, IEEE 802.3x flow control and back pressure
■ Supports 8-port IEEE 802.3af/at (30W per port)
■ Total 10 ports Gigabit Switch
■ Embedded AC-to-DC Power Supply
■ Total PoE Power budget: 120W
■ Power Input : 100VAC~240VAC
■ Metal Housing with Rack Mount Design
■ Rack Mountable design

10-Port Gigabit PoE Switch

DIMENSIONS

SPECIFICATION

IEEE Standards	IEEE802.3 10Base-T Ethernet IEEE802.3u 100Base-TX /FX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX IEEE802.3x Flow Control and Back Pressure IEEE 802.3bt/at/af, PoE++
Switch Properties	Back-plane (Switching Fabric): 20Gbps Packet throughput ability (Full-Duplex): 1,488,100pps @64bytes
Transfer Rate	14,881pps for Ethernet port 148,810pps for Fast Ethernet port 1,488,100pps for Gigabit Ethernet port
Connectors	10/100/1000BaseT: 8 x RJ-45 with auto MDI/MDI-X function with IEEE802.3 af/at PoE 10/100/1000BaseT: 2 x RJ-45 with auto MDI/MDI-X
MAC Address	8K MAC addresses
Processing	Store-and-Forward
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5, 6 cable EIA/TIA-568 100-ohm (100m) 100/1000Base-TX: 2-pair UTP/STP Cat. 5, 6 cable EIA/TIA-568 100-ohm (100m)
Protocol	CSMA/CD, Auto-Negotiation
Case Dimension	Metal case, 220mm(W)x116mm(D)x44mm(H)
Weight	620g
LED	**Power Indicators** Green LED x 1 for PWR

	LAN Indicators Green for 1000M and Amber for 10/100Mbps **PoE Indicators** Amber for PoE ON.
Power Supply	100~240VAC, for 120W
Consumption	3.76 Watts (Full load: Only Ethernet)
Overload Current	Present
PoE Polarity	1,2 (+), 3,6 (-)
Operating Humidity	5% to 95% Non-condensing
Operating Temperature	0°C~45°C / -40°F~167°F
Storage Temperature	-40°C~70°C / -40°F~185°F
EMI/EMS	FCC Class A EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11 CE EN55022 Class A, CE EN55024
Warranty	1 years