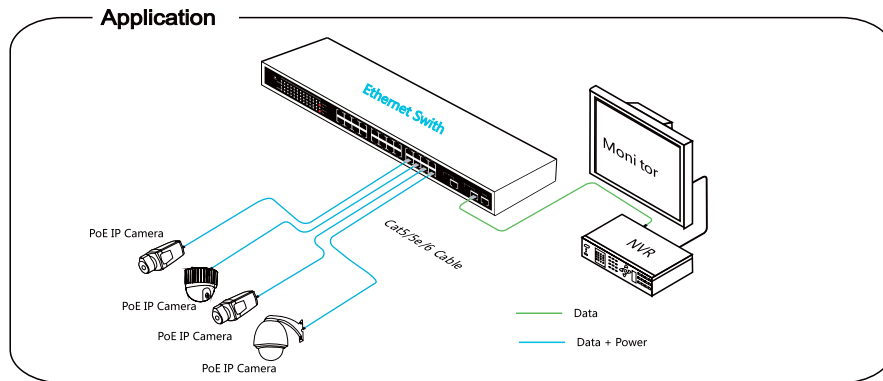


4-Ports Gigabit PoE Switch User Manual

The POEPower PPS-4G2G-AT1 4 Port POE switch is designed with Security Professionals in mind. The switch is equipped with (4) 10/100/1000 POE Ports, each with a capability of outputting 30 watts of power, with a combined ample total budget of 60 watts for the entire switch. In addition 2 gigabit rated non-POE uplink ports (1 RJ45 + 1 SFP) are equipped to connect to your NVR/Server and Other LAN Devices.



Feature

● Toggle Switch Features:

QOS Mode: (Quality of Service) The switch will prioritize data trafficking speeds on ports 1&2

POE Network Extend: Ports 1-4 will obtain the ability to transmit data and poe over cable lengths of up to 820'. Please note that speeds will drop to 10 Mbps on ports 1-4 when this feature is activated

Auto Port Reboot Repair: Switch can detect if no network activity has occurred to connected devices within 2-3 minutes and will restart that specific port in attempt to re-establish connection.

Port Isolation: POE Ports will not be able to communicate with each other. Each POE Port will only be able to communicate with the uplink ports.

- Conforms to IEEE802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE802.3af/at
- Provides 5 10/100/1000Base-T ports and 1 Gigabit SFP
- 4 POE Ports adhere to 802.3af/at Standards with capability of 30 watts per port. 60 watts total budget.
- High back-plane bandwidth 12Gbps
- IEEE802.3x Flow control
- Surge protection for power port and data ports

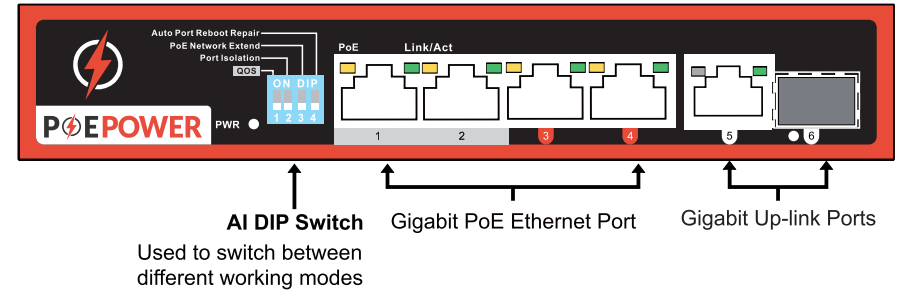
! Notice

The specs and features defined here were tested with the use of high quality CAT5e/CAT6 Cable. Please ensure you are using solid copper CAT5e/CAT6 to obtain maximum results

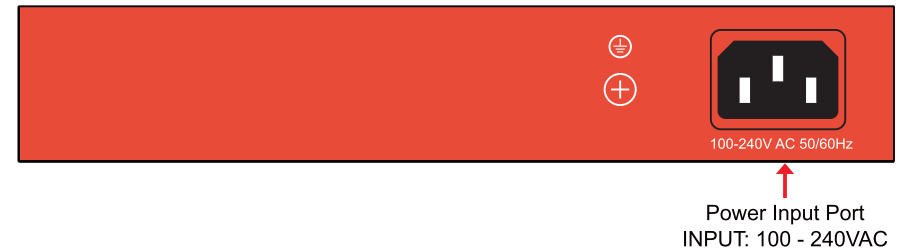
Board Diagram

4 10/100/1000mbps PoE Ports + 2 Gigabit Uplinks (RJ45 + SFP)

Front board



Back board



Components

- | | |
|------------------------------|------|
| ● 4 ports Gigabit PoE Switch | 1pcs |
| ● AC power cable | 1pcs |
| ● User manual | 1pcs |

Please follow the below installation steps

- #1) Connect all POE devices to the POE Ports
- #2) Connect your network devices to the uplink ports
- #3) Connect AC power
- #4) Verify all systems are working properly

Specification

Item			Description
Power	Power supply		Built-in power supply
	Voltage Range		AC100~240V
	Consumption		60W for 4 PoE
Ethernet	Speed		1~5 Port: 10/100/1000Mbps 6 Port: Gigabit SFP
	Transmission Distanc		100Meter(328ft)for RJ-45 2Km 20Km for SFP Port The optical module is optional
Network Switch	Ethernet Standard		IEEE 802.3 / 802.3i / 802.3u / 802.3ab / 802.3z / 802.3af/at
	Switching capacity		12G
	Transfer Rate		14,880pps for 10Mbps
			148,800pps for 100Mbps
			1,488,000pps for 1000Mbps
	MAC Address		2K MAC address table
LINK/ACT	On	Green	The port is connecting
	Blinks	-	The port is receiving or transmitting data
	Off	-	The port is not linked successfully with the device
POE	On	Orange	PD is connected
	Off	-	No PD is connected or power forwarding fails
	PoE pin assignmnet		V+(RJ45 Pin 1,2), V-(RJ45 Pin 3,6)
	POE Power		802.3af/at / Up to 30 Watts Per Port /60 Watts Total Budget
Environment	Working Temperature		0°C~40°C (32°F~104°F)
	Storage Temperature		-40°C~70°C (-40°F~158°F)
	Humidity Non condensing		0~90%
Mechanical	Dimension		168 x 94 x 32mm
	Color		Red

Trouble Shooting

Please follow the steps if the equipment has trouble

- Ensure all equipment is installed according to manufacturers installation guide. Confirm RJ45 ends meet EIA/TIA 568A OR 568B Standard.
- Ensure connected POE equipment does not require more than 30 watts.
- Ensure total combined POE equipment does not exceed 60 watts.