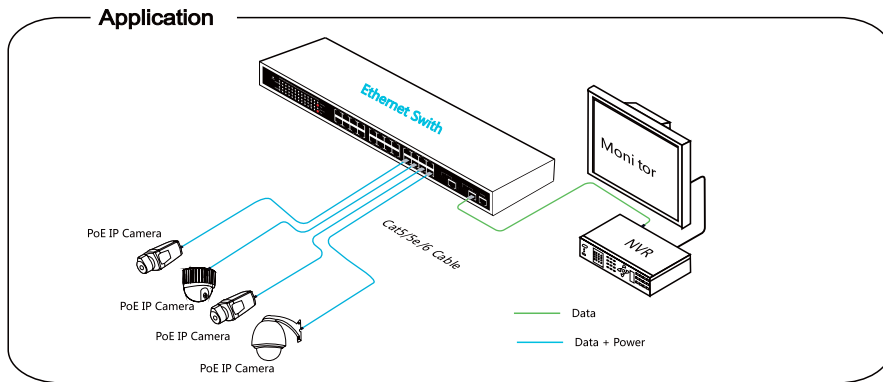


48-Ports Gigabit PoE Switch User Manual

The POE Power PPS-48G410G-AT1 48 Port POE switch is designed with Security Professionals in mind. The switch is equipped with (48) 10/100/1000 POE Ports, each with a capability of outputting 90 watts of power on ports 1 thru 4, and 30 watts of power on the remaining POE ports, with a combined ample total budget of 400 watts for the entire switch. In addition 4 10G rated non-POE uplink SFP+ ports are equipped to connect to your NVR/Server and Other LAN Devices.



Feature

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3ae, IEEE802.3af/at/bt
- Provides 48 10/100/1000Base-T ports and 4 10G SFP+ ports
- 48 POE Ports, 1-4 ports support IEEE802.3af/at/bt of 90 watts per port, 5-48 ports support IEEE802.3af/at of 30 watts per port, with capability 400 watts total budget.
- High back-plane bandwidth 176Gbps
- IEEE802.3x Flow control
- Surge protection for power port and data ports

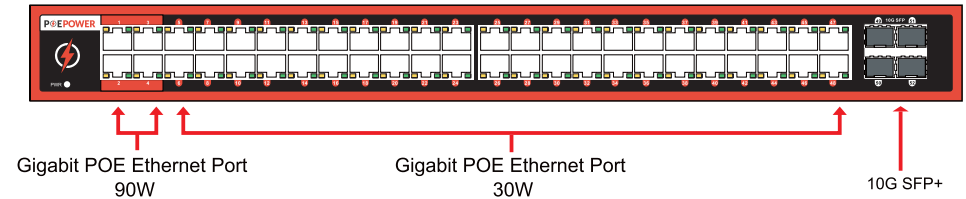
Notice

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

48Port 10/100/1000mbps PoE Ports (44Port AT PoE+ 4Port BT PoE) + 4Port 10G SFP+

Front board



Back board



Components

- | | |
|-------------------------------|------|
| ● 48 ports Gigabit PoE Switch | 1pcs |
| ● AC power cable | 1pcs |
| ● Rack Ears | 1pcs |
| ● User manual | 1pcs |

Please follow the below installation steps

- #1) Ensure Network Switch Input Power Switch is in "off" position
- #2) Connect all POE devices to the POE Ports
- #3) Connect your network devices to the uplink ports
- #4) Connect AC power
- #5) Turn Input Power Switch to "On" position
- #6) Verify all systems are working properly

Specification

Item		Description
Power	Power supply	Built-in power supply
	Voltage Range	AC100~240V
	Consumption	400W for 48 PoE
	POE output for each port	Port 1- 4 support for IEEE802.3 af/at/bt and power up to 90W Port 5-48 support for IEEE802.3af/at and power up to 30W
Ethernet	Speed	1~48 Port: 10/100/1000Mbps 49~52: 10G SFP+
	Transmission Distance	100Meter(328ft)for RJ-45 2Km 20Km for SFP Port The optical module is optional
Network Switch	Ethernet Standard	IEEE 802.3 / 802.3u / 802.3ab / 802.3z / 802.3ae / 802.3af/at/bt
	Switching capacity	176G
	Transfer Rate	14,880pps for 10Mbps
		148,800pps for 100Mbps
		1,488,000pps for 1000Mbps
		14,880,000pps for 10,000Mbps
	MAC Address	32K MAC address table
LINK/ACT	On	Green
	Blinks	–
	Off	–
POE	On	Green
	Off	–
	PoE pin assignmnet	IEEE 802.3af/at/2 pairs V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6) IEEE 802.3bt/4 pairs V+ (RJ45 Pin 1, 2), V- (RJ45 Pin 3, 6) V+ (RJ45 Pin 4, 5), V- (RJ45 Pin 7, 8)
	POE Power	400 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	440 x 300 x 44mm
	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 90 watts of power on ports 1 thru 4, and 30 watts of power on ports 5 thru 48.
- Ensure total combined POE equipment does not exceed 400 watts.