



POEPOWER 8 Port Gigabit Unmanaged POE Switch

30W POE+ (802.3at) per port, 120W Max Budget, Extend Mode up to 820' Cable Runs, 8 POE & 4 Uplink, All Ports Gigabit 10/100/1000

Product Features

HIGH POWER EFFECIENCY AND VERSATILITY

Equip any network with 8 Gigabit 10/100/1000 PoE ports, each supporting up to 30W (PoE+ 802.3at), with a 120W total budget. Ideal for powering IP cameras, access points, IP phones, and more. Additionally, utilize 4 gigabit uplink ports (2 Ethernet, 2 SFP) for high-speed non-PoE connections to other switches and routers.

GIGABIT SPEEDS & ENHANCED BANDWIDTH

Optimize your network with all 12 ports offering full gigabit throughput (10/100/1000), ensuring high-speed data transfer, low latency, and superior bandwidth. This device boasts sufficient bandwidth to accommodate a wide array of PoE devices while also offering robust support for non-PoE equipment, including computers, servers, and media devices, ensuring a versatile and comprehensive networking solution.

EXTEND MODE ALLOWS FOR UP TO 820' CABLE RUNS

Simplify your long-distance connections with the unique POE Extend Mode, allowing continuous cable runs up to 820'. When this feature is turned on, it adjusts speeds on the POE ports to 10 Mbps which is adequate for most all IP Cameras. An essential feature for IP Camera Installers.

PORT ISOLATION & REBOOT REPAIR

Enhance your network's defense with the Port Isolation feature which prevents network traffic communication between the POE ports and only allows the traffic from each of those ports to be passed to the uplinks, acting similar to a VLAN. Additionally, Auto Port Reboot Repair provides resilience, automatically detecting and resolving power or network anomalies by rebooting compromised ports, ensuring uninterrupted, secure operations.

UL LISTED / TAA COMPLIANT / 3 YEAR WARRANTY

UL Listed and TAA Compliant for full compliance to meet the strictest of industry standards and specifications. Trust in the switches longevity with the robust 3 year warranty.

BACK

SIDE

SIDE

- Grounding Screw
- Built in power supply No external power brick needed

Air Vents for proper heat dissipation



USER GUIDE



RACK EARS



AC POWER CHORD

Optimize your network with

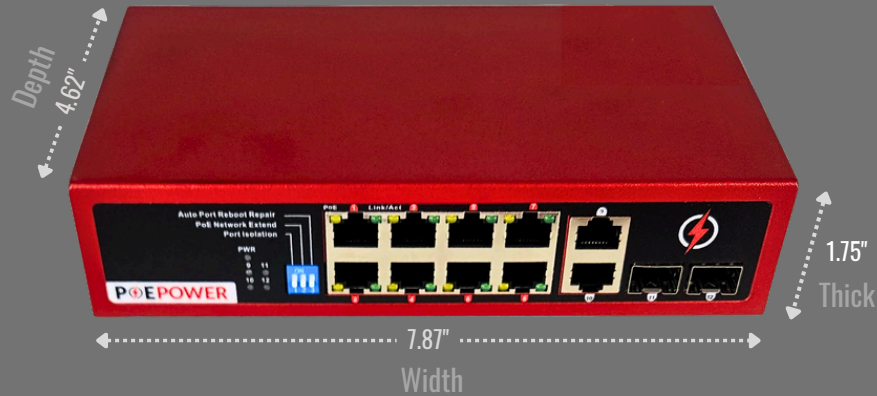
8 POE & 4 NON-POE PORTS

Efficiently powers devices

30W PER PORT, 120W TOTAL BUDGET



PRODUCT DIMENSIONS

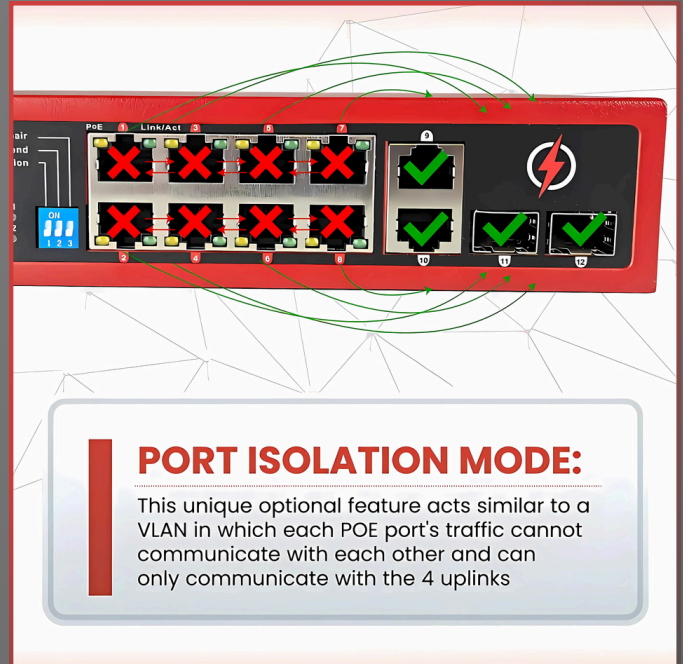
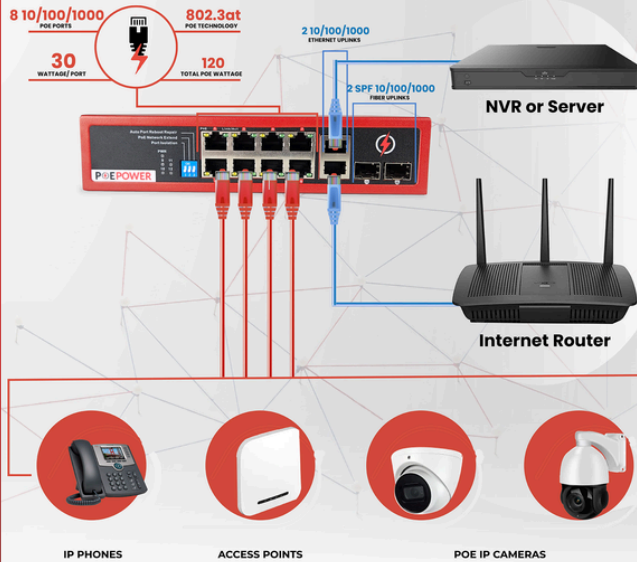


SPECIFICATION DATA

Item			Description
Power	Power supply		Built-in power supply
	Voltage Range		AC100-240V
	Consumption		120W for 8 POE
Ethernet	Speed		1-10 Port: 10/100/1000Mbps 11-12 Port: Gigabit 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 / 802.3i / 802.3u / 802.3ab/ 802.3z / 802.3af/at
	Switching capacity		24G
	Transfer Rate		14,880pps for 10Mbps 148,800pps for 100Mbps 1,488,000pps for 1000Mbps
	MAC Address		4K 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 assignment		V+(RJ45 Pin 1,2), V-(RJ45 Pin 3,6)
	PoE Power		802.3af/at/ Up to 30 Watts Per Port/120 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		4.625 x 7.875 x 1.75 inch
	Color		Red
	Weight		1.6 lbs

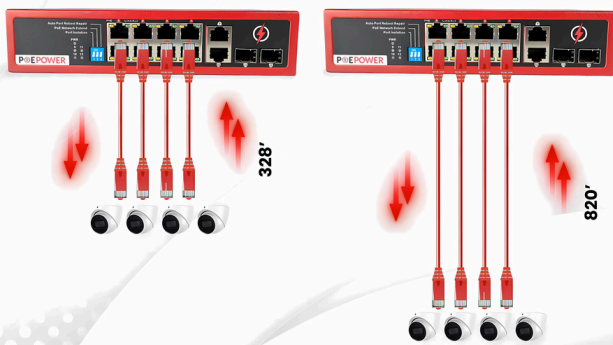
CONNECTION DIAGRAM WITH FEATURE DESCRIPTION

WIRING DIAGRAM



EXTEND MODE FEATURE

Set toggle switch to off to reach up to 328' cable runs at 100 Mbps each.



Set toggle switch to on to reach cable runs up to an incredible 820' at 10Mbps each.

SWITCH FUNCTION

POE Network Extend	Flip the switch upwards to the "on" position to enable the feature	POE Network Extend: POE ports 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 POE ports when this feature is activated.
Port Isolation		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.
Auto Port Reboot Repair		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.

