



POEPOWER 16 Port Extreme Power Gigabit POE Switch

90W POE++ (802.3bt) per Port, 1200 Total Watts Budget,
4 Additional Ethernet & SFP Uplinks, 10/100/1000

Product Features

UNPARALLELED POWER DELIVERY

This switch provides up to 90 watts per port, with a total power budget of 1200 watts, making it ideal for high-demand devices such as PoE lighting, PTZ cameras, access control systems, and AV over IP devices.

HIGH-SPEED POE PORTS & ENHANCED BANDWIDTH

All 20 ports offer full gigabit throughput (10/100/1000 Mbps), ensuring high-speed data transfer, low latency, and superior bandwidth for both PoE and non-PoE devices.

INTELLIGENT POWER ALLOCATION

The switch intelligently allocates power based on device requirements, ensuring compatibility with 802.3af, 802.3at, and 802.3bt standards, and protecting devices from over-powering.

HIGH POWER EFFICIENCY AND VERSATILITY

Equipped with 16 gigabit PoE ports (each supporting up to 90W) and 4 additional gigabit uplink ports (2 Ethernet, 2 SFP), this switch offers flexible connectivity options for various network devices.

UL LISTED / TAA COMPLIANT / 3 YEAR WARRANTY

Built to meet rigorous standards, this switch is UL Listed and TAA Compliant, ensuring safety and reliability for government and enterprise use. Backed by a 3-year warranty, it offers peace of mind and long-term performance for both residential and commercial networking projects.

BACK



SIDE



SIDE



USER GUIDE



RACK EARS



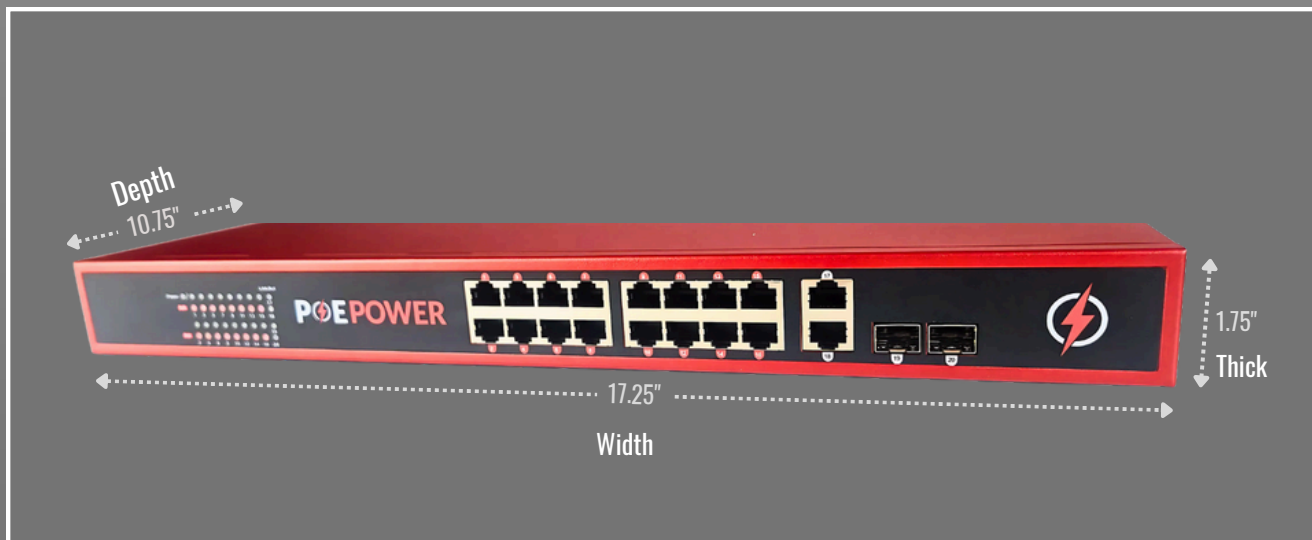
AC POWER CHORD

Optimize your network with
20 (16 POE & 4 NON-POE) PORTS

Efficiently powers devices
1200W TOTAL BUDGET



PRODUCT DIMENSIONS



SPECIFICATION DATA

Item			Description
Power	Power supply		Built-in power supply
	Voltage Range		AC100-240V
	Consumption		1200W for 16 POE
Ethernet	Speed		1-18 Port: 10/100/1000Mbps 19-20 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		40G
	Transfer Rate		14,880pps for 10Mbps 148,800pps for 100Mbps 1,488,000pps for 1000Mbps
	MAC Address		8K 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	Green	PD is connected
	Off	-	No PD is connected or power forwarding fails
	PoE pin assignment		V+(RJ45 Pin 3,6,4,5), V-(RJ45 Pin 1,2,7,8)
	PoE Power		802.3af/at/bt/ Up to 90 Watts Per Port/1200 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		10.75 x 17.250 x 1.75 inch
	Color		Red
	Weight		8.6 lbs

CONNECTION DIAGRAM WITH FEATURE DESCRIPTION

