



POE Power 16 Port Gigabit Unmanaged POE Switch

30W POE+ (802.3at) per Port, 250W Max Budget, Extend Mode up to 820' Cable Runs, 16 POE & 4 Uplink, 10/100/1000 Mbps

Product Features

UNPARALLELED POWER DELIVERY

Each of the 16 PoE ports supports up to 30W (PoE+ 802.3at), providing a total power budget of 250W. This robust power capacity ensures reliable operation for devices such as IP cameras, access points, and IP phones.

HIGH-SPEED POE PORTS & ENHANCED BANDWIDTH

All 20 ports (16 PoE and 4 uplink) offer full gigabit throughput (10/100/1000 Mbps), ensuring high-speed data transfer, low latency, and superior bandwidth. This setup accommodates a wide array of PoE devices while supporting non-PoE equipment like computers and servers.

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.

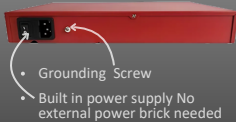
EXTEND MODE FOR EXTRA LONG CABLE RUNS

Simplify your long-distance connections with the unique POE Extend Mode, allowing continuous cable runs up to 820'. This adjusts speeds on the POE ports to 10 Mbps. An essential tool for installations with extra long cable run requirements.

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



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

SIDE



Quiet Cooling Fan

SIDE



Air Vents for proper heat dissipation



USER GUIDE



RACK EARS



AC POWER CHORD

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

Efficiently powers devices
TOTAL 250W BUDGET



PRODUCT DIMENSIONS



SPECIFICATION DATA

Item			Description
Power	Power supply		Built-in power supply
	Voltage Range		AC100-240V
	Consumption		250W 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 1,2), V-(RJ45 Pin 3,6)
	PoE Power		802.3af/at/ Up to 30 Watts Per Port/250 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		8.25 x 12.50 x 1.75 inch
	Color		Red
	Weight		4.4 lbs

CONNECTION DIAGRAM WITH FEATURE DESCRIPTION

