

Model: POE48-18W

Gigabit 48V 18W Passive PoE Adapter



10/100/1000 Mbps Ethernet Speed



Surge/ESD/Overvoltage/Short-Circuit Protection



Wall-Mounting

[Datasheet](#)



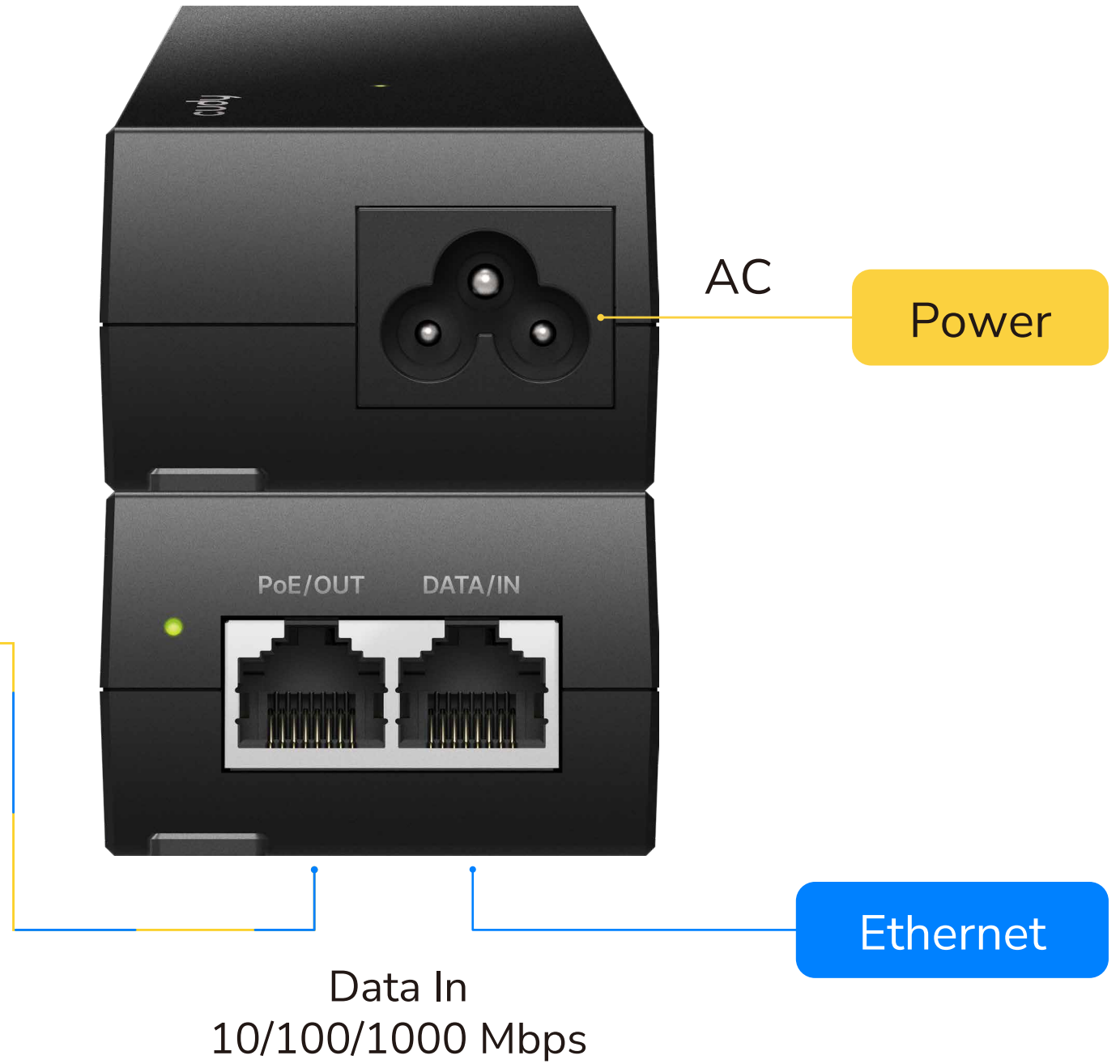


- Power and Data
- Data
- Power

Client Device
that supports passive PoE input

Power over Ethernet

Power and Data Out
10/100/1000 Mbps
48V, 18W





Highlights

A wall-mounted passive 48V PoE adapter with 18W power supply for powering up the PoE device.

- GbE In, GbE Out
- 100m Transmission Distance¹
- 48V Passive PoE, Max 18W, Mode B
- Power LED
- Surge/ESD Protection
- Triple Output Protection

1. Transmission distance is the cable length measured from the uplink switch through the PoE adapter to the downlink device.

Package Content

- POE48-18W
- Power Cord
- Mounting Kit
- Installation Guide

Specifications

Protocols	802.3 Protocols	802.3i 10 Mbps over Twisted Pair
		802.3u 100 Mbps over Twisted Pair
		802.3ab 1 Gbps over Twisted Pair
PoE	Uplink Stream	1× GbE
	Downlink Stream	1× GbE, Passive PoE
	Downlink Pin Assignment	Mode B
	Transmission Distance	Cat. 5e or higher cable: 100 meters at Gigabit
Interfaces	LED	Power
		PoE Status
	Power Input	AC Inlet
Power	AC	100-240V, 50/60Hz, 0.5A
	Max Power Output	18W, 48V=0.38A
Reliability	Client Protection	Surge Protection
		ESD Protection
		Overvoltage Protection
		Short-Circuit Protection
	EMC	EN55032 Class A
		EN55035 Class A
EMI	FCC 47 CFR Part 15B Class A	



Specifications

Reliability	EMS	IEC/EN 61000-4-2, Level 3 ESD: Contact: 6kV; Air: 8kV
		IEC/EN 61000-4-5, Level 3 Surge: Power: DM 2kV, CM 2kV; RJ45: CM 4kV
	Grounding Methods	Three-Prong Plug
Environment		Ambient Operating Temperature: 0~40 °C (32~104 °F)
		Storage Temperature: -40~70 °C (-40~158 °F)
		Operating Humidity: 10%~90% non-condensing
		Storage Humidity: 10%~95% non-condensing
Certifications	FCC, CE, CCC	
Mechanical	Installation	Desktop
		Wall-mount
	Dimension	80.1×48.9×31.9 mm (3.15×1.93×1.26") Each Bracket: 9 mm (0.35")
Casing Materials	Plastic	