4-Port Gigabit Midspan, PoE+ Injector, 802.3at and 802.3af, Wall-Mountable Power over Ethernet Midspan, Up to 30.8 Watts per port, Plug-and-Play, TAA

Product ID: POEINJ4G-US

This Gigabit midspan PoE+ injector is a cost-effective alternative to upgrading your existing network switch to a PoE-capable model.

It supplies up to 30 Watts output to each port, so you can easily power and access up to four high-power PoE-compliant devices - such as IP cameras - using standard Ethernet cable.

This versatile midspan PoE+ injector is suited for almost all PoE device classes, including wireless access points, as well as IP phones and cameras. The high-power PoE+ injector offers 120W of total power distribution and delivers full power - up to 30.8W - from each port. Now, you can easily scale and power your PoE+ devices across long distances, even in remote locations where a typical power outlet is unavailable.

Plus, the cost-effective Power over Ethernet+ injector lets you connect your PoE-powered devices (PDs) to a non-PoE-capable switch, avoiding the expense and aggravation of upgrading your existing switch to a PoE-enabled model.

This injector is the perfect solution for a variety of environments. It features a wall-mountable rugged metal casing but is palm-sized making it perfect for desktop placement too.

With plug-and-play operation, you can enjoy fast and hassle-free setup without disrupting your workflow.

Not sure which class your PoE devices are? The Gigabit midspan PoE+ injector automatically detects the power requirements of your PoE PDs and delivers the appropriate level of power without damaging your devices.

With integrated circuit protection between each port, your devices are also protected from power interference.

Certifications, Reports and Compatibility

Applications

• Ideal for high-power PoE+ devices requiring Gigabit speeds such as PTZ (Pan, Tilt, Zoom) cameras and Wi-Fi access points (WAP)

• Enable remote installation of touchscreens, information kiosks, and phones in locations where a power connection is not available

• Perfect for SOHO, SMB, system integrators, and IT administrators

Features

• 4-PORT GIGABIT PoE+ INJECTOR: Provides power and data to up to four PoE-enabled devices over an Ethernet connection; Supports Gigabit speeds with up to 30.8W (802.3at) or 15.4W (802.3af) per port, ensuring reliable performance for demanding applications

• AUTOMATIC SPEED & POWER NEGOTIATION: Supports auto-sensing between 10/100/1000Mbps, ensuring compatibility with a wide range of Powered Devices (PDs); Delivers power and data up to 328ft (100m) over existing Cat5e/6/6a cabling for flexible deployments

• PLUG-AND-PLAY: No software or configuration required; Connect to a network switch or router and power remote devices like IP cameras, access points (APs), and VoIP phones; Automatically detects and delivers the correct PoE level for each connected device

• FLEXIBLE & SPACE-SAVING DESIGN: Ideal for remote device installations where power outlets are limited; Wall-mountable for convenient access and clean cable management

• THE IT PRO'S CHOICE: Designed for reliability in edge and on-prem deployments, our solutions are lab-tested and field-proven for seamless integration and maximum uptime; Backed by free lifetime 24/5 multi-lingual technical assistance

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Hardware

	Warranty	2 Years
	Ports	4
	Industry Standards	IEEE 802.3af PoE, IEEE 802.3at PoE+
		IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX), IEEE 802.3ab (1000BASE-T)

Performance

Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
Maximum Cable Length	328.0 ft [100 m]
General Specifications	Power Output: 54V DC at 30.8W (PoE+)
MTBF	50,000 Hours

Connector(s)

Connector Type(s)	8 - RJ-45

Software

OS Compatibility	No Drivers of Software Required

Special Notes / Requirements

Patents and Licenses	The following patents are licensed for this product. This list might not be all inclusive.
	• United States Patent No. 5,406,260 (expired)
	•United States Patent No. 6,650,622
	•United States Patent No. 7,457,250
	•United States Patent No. 8,155,012
	•United States Patent No. 8,902,760
	•United States Patent No. 8,942,107
	•United States Patent No. 9,019,838
	•United States Patent No. 9,049,019
	•United States Patent Application No. 14/695,456
	•United States Patent Application No. 14/726,940
System and Cable Requirements	If your connected devices do not meet the IEEE 802.3af or IEEE 802.3at PoE standard, then the POEINJ4G-US will not inject power to the connected device(s) / Ethernet cable(s)

Indicators

LED Indicators	1 - Power
	4 - PoE In-Use

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	2 A
	Output Voltage	54 DC
	Output Current	2.4 A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption (In Watts)	129.6

Environmental

	Operating Temperature	0C to 50C (32F to 122F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	5~95% RH (Non-Condensing)

Physical Characteristics

	Color	Black
	Material	Steel
	Product Length	3.7 in [94.0 mm]
	Product Width	2.8 in [70.3 mm]
	Product Height	1.0 in [26.2 mm]
	Weight of Product	7.1 oz [202.0 g]

Packaging Information

	Package Quantity	1
	Package Length	6.7 in [17.0 cm]
	Package Width	11.8 in [30.0 cm]
	Package Height	3.5 in [9.0 cm]
	Shipping (Package) Weight	3.1 lb [1.4 kg]

What's in the Box

Included in Package	1 - PoE Injector
	1 - Power Adapter
	1 - Power Cord
	1 - Quick-Start Guide

*Product appearance and specifications are subject to change without notice.