

2-Port Gigabit Midspan PoE+ Injector, 10/100/1000Mbps, PoE+ (802.3af/at), 30W, 1Gbps Ethernet, Wall Mountable, Unmanaged Inline Power Over Ethernet

**Product ID:** AF221CE-POE-INJECTOR



This 2-port multi-speed PoE+ injector serves as Power Sourcing Equipment (PSE) and enables Ethernet speeds of 10/100/1000Mbps. This mid-span inline injector can transmit network data and power up to 328ft (100m) for two Powered Devices (PD).

Dual-port PoE injector supports the IEEE 802.3af and IEEE 802.3at PSE standards and delivers up to 30W output (52V/0.580A). Connect a remote PoE device to a network at a location where there is no power source, but an Ethernet cable already exists. This includes access points, IP cameras, VoIP phone systems, IPTV and access controls. The flexible design allows for either desktop or surface-mount use.

All Ethernet cables can be routed from one side of the unit for efficient and organized cable management. The compact design (3.2x1x1.8in(82x25x46mm)) ensures straightforward integration into existing network infrastructure, saving space and time during installation.

## Certifications, Reports and Compatibility



## Applications

## Features

- **TWO-PORT POE+ INJECTOR:** Power Sourcing Equipment provides up to 30W PoE/PoE+ and 1Gbps to two Powered devices; Level-4 ESD protection (15kV air and 8kV contact) and LAN transformer enhance device safety and maintain signal quality with reduced EMI
- **NETWORK COMPATIBILITY:** Auto-negotiation between 10/100/1000Mbps and 1Gbps Ethernet; Deliver data and power to Powered Devices (PDs) up to 328ft (100m) with Cat5/5e/6/6a cabling; Surge protection up to 2kV
- **HASSLE-FREE INSTALLATION:** Wall-mountable w/front facing mounting ears and screw holes molded into the housing; Streamline deployment without additional software; Connect the PoE injector to the network (switch/router)/remote PD via standard cabling
- **APPLICATIONS:** Provides more power and bandwidth over 2x RJ45 interfaces to demanding PoE devices such as IP cameras and enterprise grade Wi-Fi 6/6E or 7 access points; Compatible w/1000Base-T/100Base-TX/10Base-T Ethernet
- **TECH SPECS:** 4x RJ45 ports (2x data, 2x data + power); 30W max output, 52V 0.580A output per port; Compliant with IEEE 802.3af and IEEE 802.3at; 10/100/1000Mbps & 1Gbps; 9K jumbo frames; Dimensions 3.2x1x1.8-inch(82x25x46mm)

---

### Hardware

Warranty	2 Years
Ports	2
Industry Standards	IEEE 802.3at Type 2 / PoE+ (30 W) IEEE 802.3af Type 1 / PoE (15.4 W) IEEE 802.3ab (1000BASE-T) IEEE 802.3u (100BASE-TX) IEEE 802.3i (10BASE-T) IEC 61000-4-2 Level-4 ESD protection (8kV contact/15kV air)
Chipset ID	IC Plus - IP802AR

---

### Performance

Wake On Lan	Yes
Maximum Data Transfer Rate	1000 Mbps
Maximum Cable Length	328.0 ft [100 m]
ESD Protection	+/-8kV (Contact)

	+/-15kV (Air)
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
PXE	Yes
Jumbo Frame Support	9K max.
Supported Protocols	Wake-on-LAN (WoL)

---

**Connector(s)**

Connector A	1 - RJ-45 (PoE+)
Connector B	1 - RJ-45

---

**Software**

OS Compatibility	No drivers or software required
------------------	---------------------------------

---

**Indicators**

LED Indicators	1 - LED Indicator  Solid Green: PoE Injector is receiving power  1 - PoE Indicator  Solid Green: Indicates PoE has been negotiated and power is being supplied to the Powered Device
----------------	--

---

**Power**

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	1.5
Output Voltage	52 DC
Output Current	1.25
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	65

---

**Environmental**

Operating Temperature	0C - 60C (32F - 140F)
Storage Temperature	10C - 70C (14F - 158F)
Humidity	5% - 90% RH (non-condensing)

---

**Physical Characteristics**

Color	Black
Material	Plastic
Product Length	4.0 in [10.2 cm]
Product Width	1.8 in [4.6 cm]
Product Height	1.0 in [2.5 cm]
Weight of Product	2.1 oz [60.0 g]

---

**Packaging Information**

Package Quantity	1
Package Length	5.7 in [14.4 cm]
Package Width	8.1 in [20.7 cm]
Package Height	1.5 in [3.8 cm]
Shipping (Package) Weight	3.7 oz [105.0 g]

---

**What's in the Box**

Included in Package	1 - PoE Injector
	1 - EU/UK Power Adapter
	1 - Quick-Start Guide

---

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