

## Key Benefits:

- Supports 10/100/1000 Mbps Gigabit Ethernet Speeds and fully passes all VLAN tagging
- Supports a full 15.4 Watts of Power and is in full compliance with IEEE 802.3af PoE Standard.
- Ethernet surge/overload/short circuit protection to prevent device damage. When faced with overflow, overload, short circuit, or overheating, the AC-PoE automatically turns off the power and restarts after the problems have been eliminated.
- 48V insertion to eliminate voltage drops due to cable length (Maximum cable length is limited by Ethernet Standards, not PoE device.)
- Advanced switching technology and a robust metal housing to allow placement in any interior environment (runs cool).
- FCC and CE approved, and Rohs compliant

## PI-04

### GIGABIT, POWER-OVER-ETHERNET, PoE POWER INJECTOR

The Pakedge PI-04 is an advanced Gigabit IEEE 802.3af compliant PoE Power injector with Endspan Intelligent Detection. It delivers unprecedented technology, is compact, and is enclosed in a heat dissipating metal housing with integrated wall mount flanges.

The Gigabit PoE technology is innovative solution that eliminates finding a nearby electrical outlet to power network devices such as IP camera, wireless access points, and VoIP telephones. In addition, Ethernet will be carried at Gigabit speeds.



By virtue of not turning on power until it detects a valid PoE signature from the devices attached downstream on the Ethernet cable, it protects against damage to non-compliant equipment. In addition, voltage is inserted at 48V into the Ethernet cable, so the installer does not need to worry about voltage drops due to cable length. The PI-04 is not a Pakedge proprietary unit. It will power any device fully compliant with the IEEE 802.3af PoE Standard.



### Specifications

#### INPUT

100-240V AC 50/60 Hz 0.6A

#### OUTPUT

48 V plus/minus 1V, DC

802.1q VLAN tagging- full  
passes all VLAN tagging.

RJ45 Data Pin In- 1, 2, 3, 4, 5, 6,  
7, 8 for Ethernet

RJ45 Data Pin Out- 1, 2, 3, 4, 5,  
6, 7, 8, for Ethernet and DC

#### POWER SUPPLY COMPLIANT

IEEE 802.3af

#### NETWORK INTERFACE

10/100/1000 Mbps

#### OPERATING HUMIDITY

5-95%

#### DIMENSIONS

4.6" x 2.95" x 1.61"

#### WEIGHT

10.95 oz.

#### CERTIFICATIONS

CE, FCC, ROHS

[HTTP://  
WWW.  
PAKEDGE  
.COM](http://www.pakedge.com)

1163 Triton Drive  
Foster City, CA 94404  
Main: 877.274.6100  
Fax: 650.685.5520  
sales@pakedge.com

**pakedgedevice&software inc.**