

# PE911

Power-over-Ethernet Injector



## Description

The PE911 is a single port Mid-spans offer a compact and cost effective, fully IEEE 802.3at compliant solution for remote powering of wireless LAN (WAN) access points, IP Security cameras, VoIP telephone and other low port density installations. The PE911 PoE Mid-spans eliminate the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over existing Ethernet infrastructure.

## Features

- Full IEEE 802.3af, IEEE 802.3at Compliant
- Up to 30W of Power on 2-pairs
- Auto-detect of POE IEEE 802.3af equipment
- Supports 10/100/1000 Base-T applications
- LED indicators power input indication
- Distance up to 100 meters
- Internal AC/DC converter – no need for external power brick
- Easy plug-and-play installation
- Surge protection
- EMI standards complies with FCC, CE class B

## Specifications

| Item                                | Description  |
|-------------------------------------|--|
| No. of Ports                        | 1  |
| Pass Through Data Rates             | 10/100/1000 Mbps   |
| Power over Ethernet Output          | Pin Assignment and Polarity:<br>3/6 (+), 1/2 (-)<br>Output Power Voltage: 54Vdc<br>User Port Power: 30W  |
| Input Power Requirements            | AC Input Voltage: 100 to 240 Vac<br>AC Input Current: 0.3A 100-240 Vac<br>AC Frequency: 50 to 60 Hz  |
| Dimensions                          | 150mmx65mmx38mm  |
| Indicators                          | System Indicator: AC Power<br>User Indicator: Channel Power  |
| Connectors                          | Shielded RJ-45, EIA 568A and 568B  |
| Environmental Conditions            | Operating Ambient Temperature:-10 to 45°C<br>Operating Humidity:<br>Maximum 90%, Non-condensing<br>Storage Temperature:-20 to 70°C<br>Storage Humidity:<br>Maximum 95%, Non-condensing |
| Reliability                         | MTBF: 100,000 hrs. @25°C   |
| Regulatory Compliance               | IEEE 802.3af (PoE), IEEE 802.3at (PoE+)<br>RoHS Compliant, CE, FCC   |
| Electromagnetic Emission & Immunity | FCC Part15, Class B<br>EN 55022 Class B (Emissions)<br>EN 55024 (Immunity), VCCI   |
| Surge Protection                    | AC port: 6kV<br>RJ45 port: 4kV   |
| Safety Approvals                    | UL/cUL Per EN 6095-1<br>GS Mark Per EN 60950-1   |

## Application

