

# SHARE THE EXPERIENCE

## POWER OVER ETHERNET



Power-over-Ethernet (PoE) or "Active Ethernet" eliminates the need to run 240 Volt power to Wireless Access Points and other devices on a wired LAN. Using Power-over-Ethernet systems, installers need to run only a single CAT5 Ethernet cable that carries both power and data to each device. This allows greater flexibility in the locating of AP's and network devices and significantly decreasing installation costs in many cases. The placement of a Network device can be up to 328 feet (100 meters) away by using standard category 5 Ethernet cable.

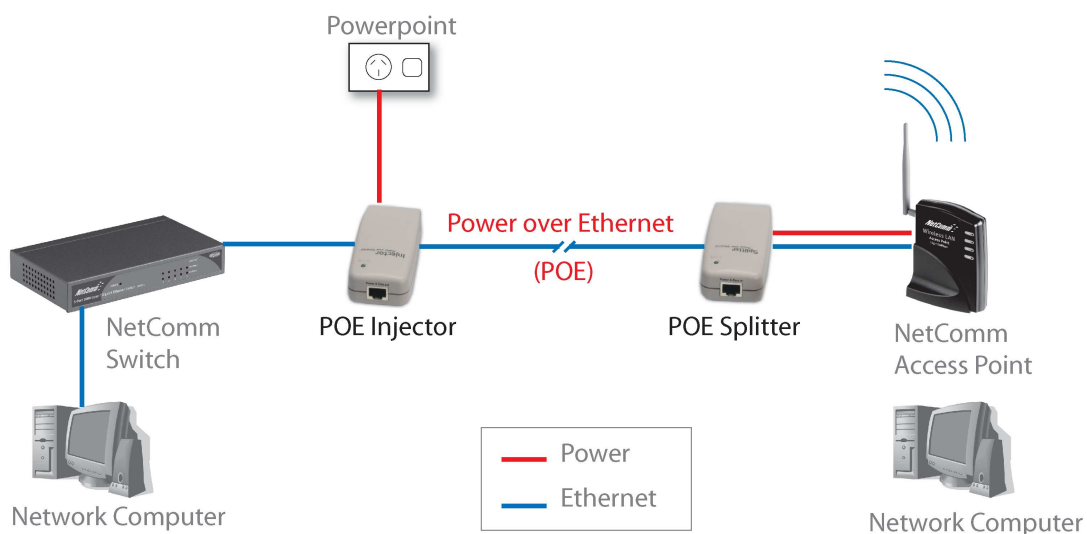
Power-over-Ethernet begins with a CAT5 "Injector" that inserts a DC Voltage onto the CAT5 cable. The Injector is typically installed in the "wiring closet" near the Ethernet switch or hub.

Some Wireless Access Points and other network accept the injected DC power directly from the CAT5 cable through their RJ45 jack. These devices are considered to be "PoE-Compatible" or "Active Ethernet Compatible".

Devices that are not "PoE Compatible" can be converted to Power-over-Ethernet by way of a DC "Picker" or "Tap". These are sometimes called Active Ethernet "Splitters". This device picks-off the DC Voltage that has been injected into the CAT5 cable by the Injector and makes it available to the equipment through the regular DC power jack.

### FEATURES

- › Transmit data and power through a single ethernet cable.
- › Save space and simplify your connection wires.
- › Place network devices (such as Access Points) anywhere - you are not limited by a power point.



### SPECIAL NOTE:

The Injector - Power Over Ethernet Out can never be directly connected to a network device such as a Hub, Switch, IP Camera or Print Server unless you are sure the device and network is PoE Compatible. Additionally, make sure your PoE compatible device or network is designed to handle the 48 volts DC delivered by the PoE injector. NetComm will not accept any responsibility for any loss or damage arising from the use of this product in the wrong manner.

# NetComm™

## TECHNICAL SPECIFICATIONS

- › Standards IEEE 802.3,  
IEEE 802.3u,  
IEEE 802.3x,
- › Protocol CSMA/CD
- › Ports 1 \* 10/100Mbps RJ-45 port (per unit)
- › Connector RJ-45
- › Speed 10/100Mbps at half/full duplex
- › Cable Type UTP/STP Category 5 or better
- › LED Power

### Environmental Information

- › Dimensions (WxHxD):  
Adapter Kit: 89 x 47 x 30 (mm)
- › Unit Weight: Injector: 64g  
Splitter: 87g  
PSE Adapter: 64g

- › Temperatures:  
Operating: 0°C to 40°C  
(32°F to 122°F)  
Storage: -55°C to 105°C  
(-67°F to 221°F)
- › Humidity  
Operating: 10% to 90% relative humidity,  
non-condensing  
Storage: 20% to 95% relative humidity,  
non-condensing
- › Power DC 48V

### Standard Conformance

- › EMC Certification FCC Class B, CE, C-Tick (N367)

## PACKAGE CONTENTS

- › Power-over-Ethernet Injector & Power-over-Ethernet Splitter
- › DC Power Adapter
- › AC Power Cord
- › Quick Installation Guide & Package Contents Note.

## 3 YEAR WARRANTY\*

1 year warranty out of the box. Extra 2 years FREE with online registration at [www.netcomm.com.au](http://www.netcomm.com.au)  
\*Conditional on registration online.

NetComm is Australia's dynamic data communications and networking solutions provider. For more information on this and other NetComm products, please visit [www.netcomm.com.au](http://www.netcomm.com.au)

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