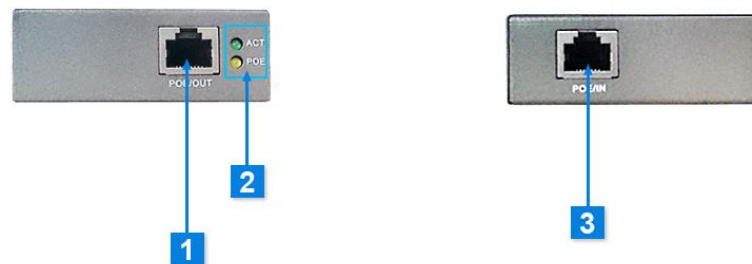# PoE Extender PE2301

Product Overview

Extends Power over Ethernet Installations to 200 Meters

PoE Extender is a cost effective way to extend the Ethernet network range beyond 100m, delivering both data and power to network devices such as WLAN Access Points and Network Cameras up to a distance of 200m while complying with IEEE PoE and Data standards.

The PoE Extender supports 10/100/1000Mbps data rates and delivers 802.3at power levels, up to 25.5W. The PoE Extender does not require local power and is powered via the PoE input.

1. RJ-45 Output Port(Power+Data)   3. RJ-45 Input Port
2. LED(ACT) & LED(PoE)

Key Features

- Extended PoE installation range by additional 100m
- Supports 10/100Mbps data rates
- Provides 802.3af power levels when powered by any 802.3at source
- Provides 802.3at power levels when powered by PSE802 Midspans
- Extenders can be cascaded to reach up to 500m
- Cost effective installation - no need for local power
- Plug and play installation - no configuration needed
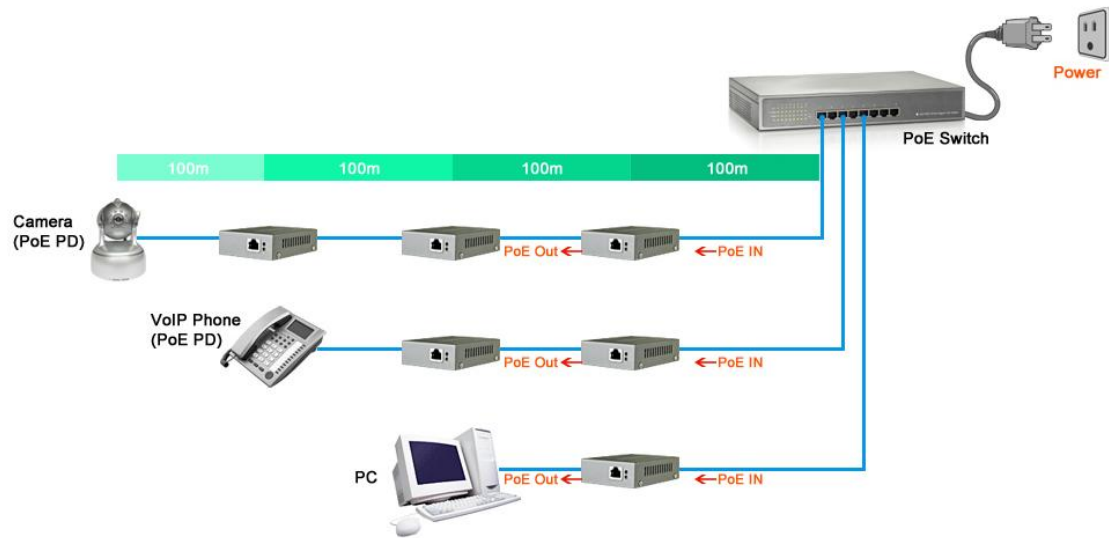
Works Well With

PSE908   PoE Switch

PSE802 (10/100M)   PoE Injector

Technical Specification

Pass Through Data Rates	10/100 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 3/6 (+), 1/2 (-) Output Power Voltage: 45-55Vdc
Input Power Requirements	PoE, supports alternatives A and B DC Input PoEVoltage: 46-57 Vdc Max Input Current: 0.7A
Indicators	System Indicator: DC Power Input/Output (Green) Ethernet Data Input/Output (Orange)
Regulatory Compliance	IEEE802.3at (PoE), RoHS Compliant WEEE Compliant
Dimensions: (L x W x H) / Weight	95 mm x 71.5 mm x 26.5 mm / 300g
Environmental Conditions	Operating Ambient Temp.: 32°to 104°F (0 to 40°C) (1G rate) 32° to 122°F (0 to 50°C) (10/100M rate) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -4°to 158°F (-20°to 70°C) Storage Humidity: Maximum 95%, Non-condensing
Safety Approvals	CE, FCC, EN 60950:2006
Regulatory	RoHS Compliant, CE/FCC

Product Diagram

Order Information
PoE Extender: PE2301

Package Contents
PE2301 x 1