HomePlug Pro PoE

PLI-3110

H/W Version: 1

HomePlug Pro Series

The LevelOne HomePlug Pro Series™ takes home networking to the next level. Following the HomePlug A/V standard, users will enjoy 200 Mbps throughput for all bandwidth-hungry applications, especially high-definition audio/video.

HomePlug Pro PoE – Bringing Power over Ethernet to the Masses!

Usually Power over Ethernet is a feature only available to professional networking experts. But now end-users can take advantage of PLI-3110 as a professional PoE solution packed in a small device.

What is PoE?

Power over Ethernet allows data and power to be sent over a single Ethernet cable. This is especially useful for deploying surveillance cameras around the home or office. It's easy to run a cable up high in the ceiling, but how are you supposed to send power to the device?

PLI-3110 is the solution as it follows the 802.3af standard, offering 15.4 Watts to any PoE-compatible device.

What if my device isn't PoE compatible?

No problem! There are very few PoE compatible devices made for the home. Luckily all you need is a PoE splitter and you can place your network camera or VoIP phone anywhere within 100 meters of the LevelOne HomePlug Pro PoE.

1. Power LED
2. HomePlug LED
3. Ethernet Port LED
4. Power Port
5. Security Button
6. Ethernet Port
7. PoE Port

Key Features

- Follows the 200 Mbps HomePlug A/V standard for fast audio/video streaming
- One LAN port + One PoE port
- Sends 48v DC power to a PoE Powered Device
- Use with PoE (802.3af) enabled IP Camera, VoIP, Wireless AP, Routers, and PD Switch
- Compatible with most PoE Powered Devices
- 128-bit AES Link Encryption with Key Management
- 15.4watts (maximum) power sent to PoE port
- Security push button for group
- LED display for HomePlug linking quality

Works Well With

FCS-1101
PoE IP Camera

FSW-0512
5-Port 10/100 PD Switch

Technical Specification

Main Chipset

Intellon INT6300

Computer Interface

IEEE802.3; IEEE802.3u, IEEE802.3af

Standards

HomePlug AV

Network Interface

Two RJ-45 (10/100Base-T Ethernet), one for 48v DC power to PoE

Security

128-bit AES Link Encryption with Key Management

Software

HomePlug Configuration Tool for Microsoft Windows 98 SE, ME, 2000, XP, and 32-bit Vista

Data Transfer Rate

200 Mbps over Powerline and 10/100Mbps over Ethernet

Modulation Schemes

OFDM Symbol Modulation on Line synchronization
1024/256/64/16/8 - QAM, QPSK, BPSK, ROBO Carrier Modulation

Frequency Band

2 ~ 28 Mhz

Additional Protocols

Mix of TDMA and CSMA/CA channel access scheme;
CO device generates a periodic beacon carrier for channel access scheme

Operation Range

Estimated range of 300m in wall power lines

Cabling

100Base-T; Cat. 5 UTP Cable

Operating Temp

0°C to 40°C ambient temperature

Storage Temperature

-20°C to 70°C ambient temperature

Humidity

10 to 90% maximum (non-condensing)

Power Input

100 ~ 240V @ 50/60Hz Internal

Power Connector

Embedded US/EU/UK or 6 ft AC power cord (option)

Housing

Plastic (Dimensions 144mm x 124mm x 33mm)

Software Utility

Device Detect/Diagnostic, NEK Password Setup for Local and Remote Device Windows 2000, ME, NT, XP, or Vista for Initial Setup
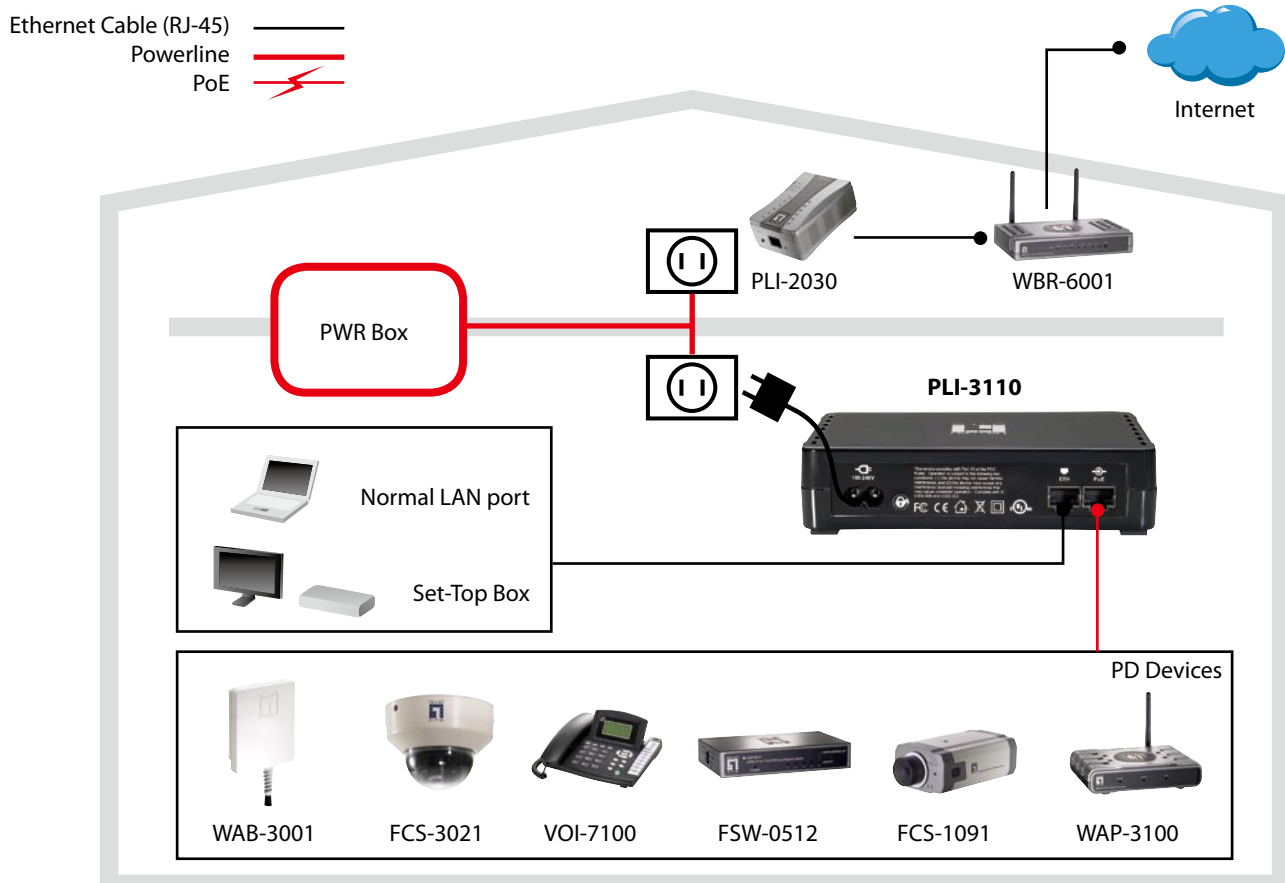
LED

Power ; PL – Link/Act (with dual-color throughput function) ; ETH – Link/Act

Weight

390g

Product Diagram

Order Information	**PLI-3110:** HomePlug Pro PoE
Package Contents	PLI-3110
	1 RJ45 Ethernet cord
	1 Power cord
	CD Manual