



# 200Mbps Powerline Wireless Access Point

PLI-3411



H/W Version: 1

## Extends Your Wireless Coverage through PowerLines

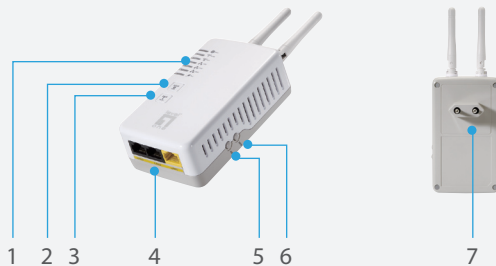
The LevelOne PLI-3411 200Mbps Powerline Wireless Access Point can be used to bridge Ethernet devices such as modems, routers, PCs, set-top-boxes, and game consoles, allowing users to share network access via existing in-home power cabling. What's unique is that the device has an extra built-in 802.11n Access Point, enabling users to enjoy mobility, high-speed wireless connection and better coverage with no more dead zones. Just plug the PLI-3411 into any wall power socket, and you can easily set up a secure wireless network by pressing the Wi-Fi Protected Setup (WPS) button. Thus, the adapter can extend your wireless coverage through power lines for multimedia applications such as online games, IPTV and audio streaming from room to room.

## No Sweat to Set up an In-home Network

The PLI-3411 does not require the time and money needed to install expensive Ethernet cables throughout your house in order to share your home network. Just one touch of the "Sync" button to install the bridge utility and your high-speed network is ready. It's as easy as simply plugging in your networking devices and using the electrical wiring in your home.

## Extends Wireless Coverage

With an integrated 802.11n Wireless Access Point, the adapter can bridge wireless connections of up to 6 times the speed and 3 times the wireless coverage of an 802.11b/g network device. It supports a data rates up to 300Mbps and is also compatible with 802.11b/g equipment. The Wireless Protected Access (WPA-PSK / WPA2-PSK) and Wireless Encryption Protocol (WEP) features enhance the level of transmission security and access control over Wireless LAN.



- 1. LED Indicators
- 2. WPS Button
- 3. Wireless Button
- 4. RJ-45 Ethernet Port

- 5. Reset Button
- 6. Security Button
- 7. Power Plug

## Key Features

- Extends your home network through existing electrical wiring with transfer speeds of up to 200Mbps
- Shares your wireless network up to 300Mbps
- Built-in 3-Port Fast Ethernet switch
- Auto Channel Selection for low interference band
- Simple Plug and Play installation
- Security push button for software free configuration
- Simple wireless security with WPS push button
- Wireless security with WPA/WPA2-PSK & 64/128-bit WEP encryption

## Works Well With



**PLI-3021**  
200Mbps Powerline Adapter



**WCS-0040**  
Wireless 1.3-Megapixel Network Camera



## Technical Specification

### Computer Interface

IEEE 802.3 ; IEEE 802.3u

### Standards

HomePlug AV

### Network Interface

three RJ-45 (10/100Base-T Ethernet) support 200Mbps Powerline

Networking Features

Hardware NAT

DHCP client, Static IP, PPPoE, L2TP, PPTP

DHCP client/relay/server

DDNS / UPnP / NTP

MAC filtering / MAC address cloning

### Operating Frequency/Channel

USA (FCC) 11 Channels: 2.412GHz ~ 2.462GHz

Europe (ETSI) 13 Channels: 2.412GHz ~ 2.472GHz

Japan 14 channels: 2.412GHz ~ 2.484GHz

### Wireless Protocols/Interfaces

802.11n (40MHz): Up to 300Mbps

802.11n (20MHz): Up to 150Mbps

Output Power: 802.11b 16dbm+-1dbm

802.11g 14dbm+-dbm

802.11n 13dbm+1dbm

Auto channel select

Up to 300Mbps wireless operation rate

WPS (Wi-Fi Protected Setup) for easy setup

64/128 bits WEP supported for encryption

Wireless Security with WPA-PSK/WPA2-PSK support

### Security

128-bit AES Link Encryption

Support IGMP managed multicast IP transmission

### Software

Utility for Microsoft Windows 98 SE, ME, 2000, XP, and 32-bit, Vista, 7

### Data Transfer Rate

200Mbps over Powerline and 10/100Mbps over Ethernet

### Modulation Schemes

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

### Frequency Band

2MHz ~ 30MHz

### Operation Range

Estimated range of 300m in wall power lines

### Cabling

100Base-T Cat. 5e or above UTP cable

### Operating Temperature

0°C to 40°C

### Storage Temperature

-20°C to 70°C

### Humidity

20% to 95% (non-condensing)

### Power Input

100 ~ 240V @ 50/60Hz

### Physical Interface

AC power plug

2 fixed antennas

WPS button

Wireless on/off button

NET ID button

Reset button

3 RJ-45 Ethernet port

WLAN button

### Housing

Plastic (120mm x 69mm x 40mm)

### Software Utility

Device Detect/Diagnostic, NEK Password Setup for Local and Remote Device Windows 2000, ME, NT, XP, or Vista, 7 for Initial Setup

### LED

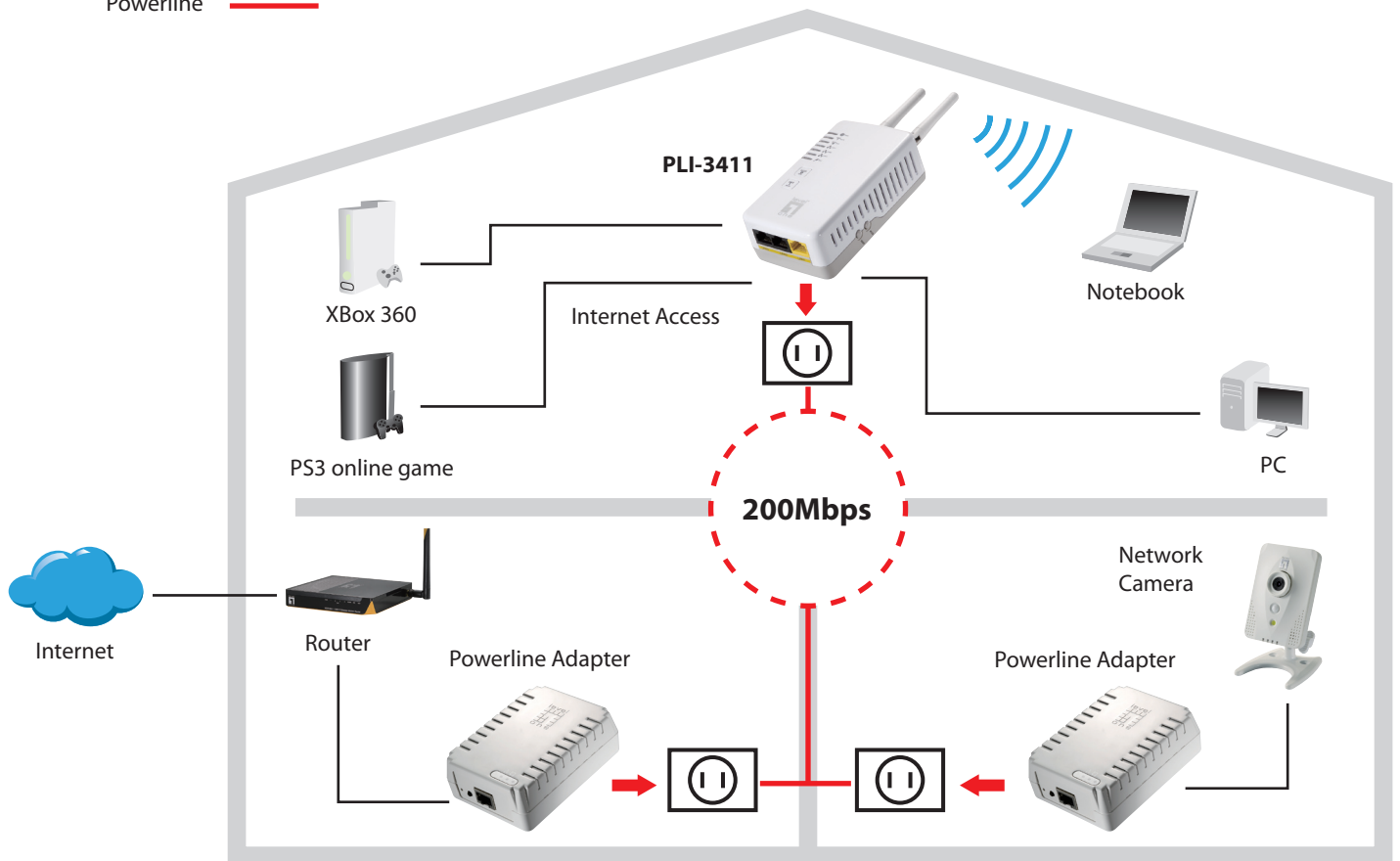
Power / WLAN / WPS / LAN1~3 / PLC

### Certifications

CE/FCC/ HomePlug Certification

## Product Diagram

Ethernet Cable (RJ-45) ———  
Powerline ———



## Order Information

### Package Contents

**PLI-3411:** 200Mbps Powerline Wireless Access Point

PLI-3411

LAN Cable

Quick Installation Guide

CD Manual/Driver/Utility

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