level one

200Mbps HomePlug AV Wireless Combo Adapter

PLI-3410

H/W Version: 1

Extends Your Wireless Coverage through PowerLines

Compliant with the latest HomePlug AV standards, which support data speeds of up to 200Mbps, the PLI-3410 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-3410 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-3410 does not require the time and money needed to install expensive Ethernet cables throughout your house in order to share your home network. Nor does it require any drilling. 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 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. This device also supports the Wi-Fi Protected Setup (WPS) standard, allowing users to establish a secure wireless network by simply pushing a button.

1. LED Indicators
2. WPS Button
3. SYNC Button
4. LAN Port
5. Reset Button
6. Interchangeable Power Plug

Key Features

- Supports 2 antennas with 2T/2R MIMO Technology for wireless data rates of up to 300Mbps
- Provides physical layer data rate of up to 200Mbps over existing in-home PowerLine
- Supports 802.11e, utilizes Quality of Service control(QoS)
- Wireless security supports WPA/WPA2-PSK & 64/128-bit WEP Encryption
- Auto channel selection
- Supports Hardware Push Button for Wi-Fi Protected Setup (WPS)
- Supports Window 2000/XP/Vista/7

Works Well With

PLI-2040
200Mbps HomePlug AV Adapter

WCS-0030
Wireless H.264 Megapixel PIR Lighting IP Camera

Technical Specification

Protocols
TDMA, CSMA/CA

Standards
IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI/MDIX
HomePlug AV compliant

Transmission Speed
200Mbps (max.)

Modulation
Supports OFDM:1155 carriers, 1024/256/64/16/8 QAM, QPSK, BPSK and ROBO

Frequency Range
2MHz ~ 30MHz

Security
128-bit AES Link Encryption with key management for secure power line communications
Encryption: NMK (Network Membership Key) used to authenticate/access
Rotating NEK (Network Encryption Key)

Quality of Service Control
- Supports IGMP managed multicast sessions
- IGMP snooping: multicast to multiple unicast support in CSMA
- QoS classification: quasi-error-free delivery - VLAN priority field, ToS Field
- Enhanced IPv4/IGMPv1-3 snooping, IPv6 and MLDv1-2 snooping
- Enhancements: contention-free access, four-level priority based contention access, and multi segment bursting ToS, CoS and IP Port Number Packet Classifiers

Wireless LAN
Compliant with IEEE 802.11n, 802.11g and 802.11b standards
2.4 GHz–2.484 GHz frequency range
Auto channel select
Up to 300Mbps wireless operation rate
WPS (Wi-Fi Protected Setup) for easy setup
Wireless Security with 64/128 bits WEP/WPA-PSK/WPA2-PSK

Power Supply Specifications
Input: 100~240V AC, 50~60Hz
Protection: OCP, OVP, SCP

Physical Interface
AC power plug
2 fixed antennas
WPS button
Sync button
Reset button
RJ-45 compatible
LED display: WLAN / POWER / Power Line Communication / Ethernet
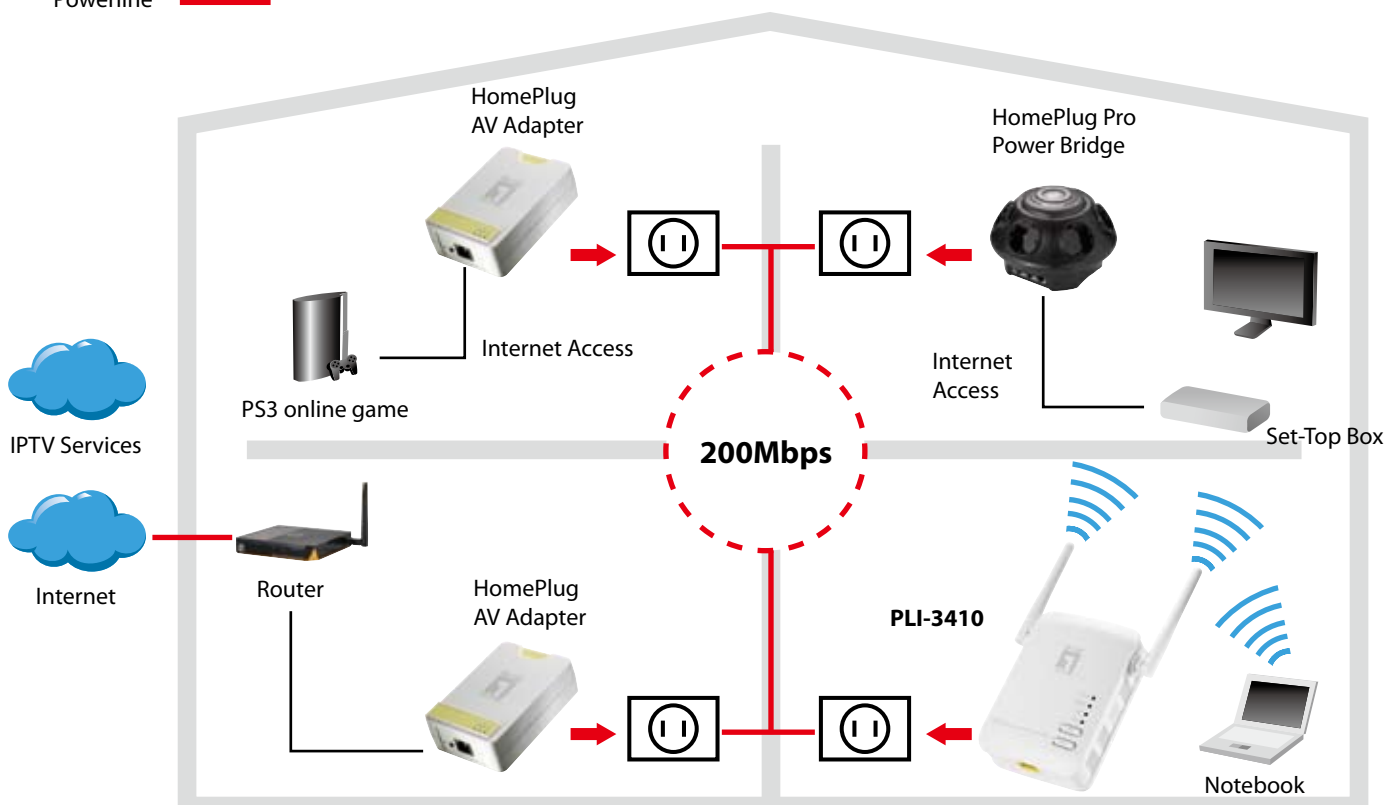
Physical Specifications
Dimensions: W112.4mm x D77.4mm x H53mm

Operating Environment
Operating temperature: 0 ~ 40 ℃
Storage temperature: -20 ~ 70 ℃
Humidity: 20 ~ 95% non-condensing

Product Diagram

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

HomePlug AV Adapter
HomePlug Pro Power Bridge
Internet Access
PS3 online game
Internet Access
Set-Top Box
IPTV Services
200Mbps
Internet
Router
HomePlug AV Adapter
PLI-3410
Notebook

Order Information	**PLI-3410:** 200Mbps HomePlug AV Wireless Combo Adapter
Package Contents	PLI-3410
	LAN Cable
	Quick Installation Guide
	CD Manual/Driver/Utility

V1.0