LogiLink®

www.LogiLink.com

Art No. PL0008

500Mpbs Powerline Adapter, Duo Set

The PL0008 HomePlugAV /IEEE 1901 Ethernet Bridge supports the high quality, home entertainment multimedia content streaming over existing AC Powerline at home. It enables service providers & consumers to distribute not only broadband data networking, but also includes the audio/ video home entertainment streaming and triple-play applications.

With the new HomePlugAV/IEEE 1901 Ethernet Bridge, it can offer higher security protection based on 128-bit AES Link Encryption with key managementfor data encryption. It also supports the Qos (Quality of Service) to manage the high definition video distribution, audio package streaming, voice over IP, and broadband data networking.

It provides the best digital home and networking solutions for the SOHO office and Home applications. And make it easy for new innovative applications, voice, video, and data to add advanced

Features:
- HomePlug AV / IEEE 1901 compliant
- Co-existence with HomePlug 1.01
- Up to 500 Mbps PHY rate
- High Definition (HD) and Standard Definition (SD) video distribution
- Internet Protocol Television (IPTV) distribution
- Home networking backbone for Wi-Fi, and Wireless USB
- High speed broadband sharing
- Audio and video streaming and internet downloading
- PC files and applications sharing
- Printer and peripheral sharing
- Network and interactive online gaming
- Security cameras
- Supports low power "Standby" mode for 2013 EuP Standard

RoHS compliant CE

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Specification:

PLC Signal	Frequency band 2 – 68 MHz (With Mask) Modulation OFDM (Supports OFDM 4096/1024/256/64/16/8-QAM, QPSK, BPSK and ROBO Modulation Schemes) FEC (Forward Error Correction) Coding Frequency Notching support PHY Rate: 500Mbps TCP: Up to 97 Mbps effective throughput UDP: Up to 97 Mbps effective throughput
Access Methods	TDMA and priority-based CSMA/CA channel access schemes maximize efficiency and throughput Integrated Quality of Service (QoS) Enhancements Hardware Packet Classifiers for ToS, CoS and IP Port Number Supports IGMP managed multicast sessions Auto-MDI/MDI-X negotiation and sensing for 10/100 Ethernet
QoS	4 Levels priority based contention access and multi segment bursting 8 Levels VLAN priority field
Nodes	Up to 15 slaves with 1 master, 16 total devices It supports max. 8 nodes at home
IGMP	Supports IGMP managed multicast sessions Hardware Packet Classifiers for ToS, CoS and IP Port Number
Security Encryption	128-bit AES Link Encryption with key management
Distance	AC Wire; 200 meter
Standards	IEEE 802.3, IEEE 802.3u, HomePlug AV 1.01, IEEE 802.1p, IEEE 1901
Push button	Network Setup button for Network Security Management and Factory default reset button

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Specification:
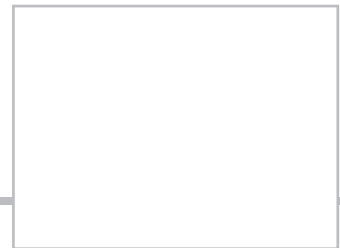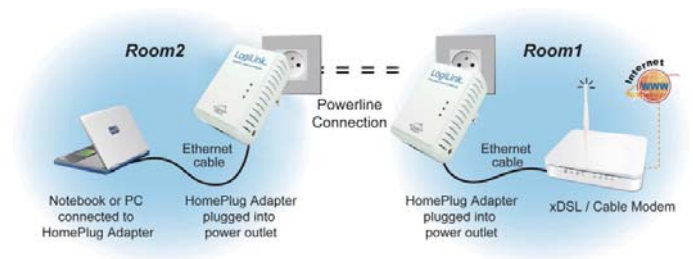
Port	One 10/100 Ethernet RJ45 port
Electrical	Power Supply: 100-240 VAC 50/60Hz Power Consumption: 4W MAX (Standby Mode: 0.45W)
Operating System	Window 98SE/Me/NT2000/XP/Vista/Win 7, MAC and Linux
Environmental Temperature	Operating Temperature: 0~45°C Preserve Temperature: 0~70°C
Relative Humidity	Operating: 10~90% non-Condensing Preserve: 10~95% non-Condensing
Physical	Dimensions (L x W x H): 67x50x32 mm (With Plug) Weight: 97g (Wall Mount Type)
LED	Power (Green, Blinking at standby mode) Link (Green/Orange/Red throughput indicator) Ethernet (Green)

Package Content:
- 2 x 500Mpbs Powerline Adapters
- 1 x Ethernet Cable (RJ-45)
- 1 x CD-ROM (Software & Manual)
- 1 x Quick Installation Guide

Packaging Information:
- Packing Dimension: mm
- Packing Weight: kg
- Carton Dimension: mm
- Carton Q'ty: pcs
- Carton Weight: kgs

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