

## 200M Powerline Ethernet Bridge



With Planet powerline communication products, your power outlets are no longer to be viewed only as power receptacles but also as network connection point. The PL-501 is a Powerline to Ethernet Bridge with a RJ-45 Ethernet interface which directly connecting to your computer's network card. With multiple outlets in almost every room, PL-501 allows you to use your existing electrical wiring to give your entire household or Office access to your network connection without the clutter of messy wiring around the house and Office.

By using Planet's powerline communication products, you will not need to spend time and money to installing Ethernet cabling to share network. It is simply by plugging the PL-501 into the wall anywhere in the house or office. The 128-Bit AES data encryption improves the security and reliability, to protect the data leaked by someone else. Customers will not need to worry about the data will be leaked. The speed up to 200 Mbps data rate which provides customers the highest speed in powerline data transferring. This product is cost-effective, easy to install, and do not require any new wired.

### KEY FEATURE

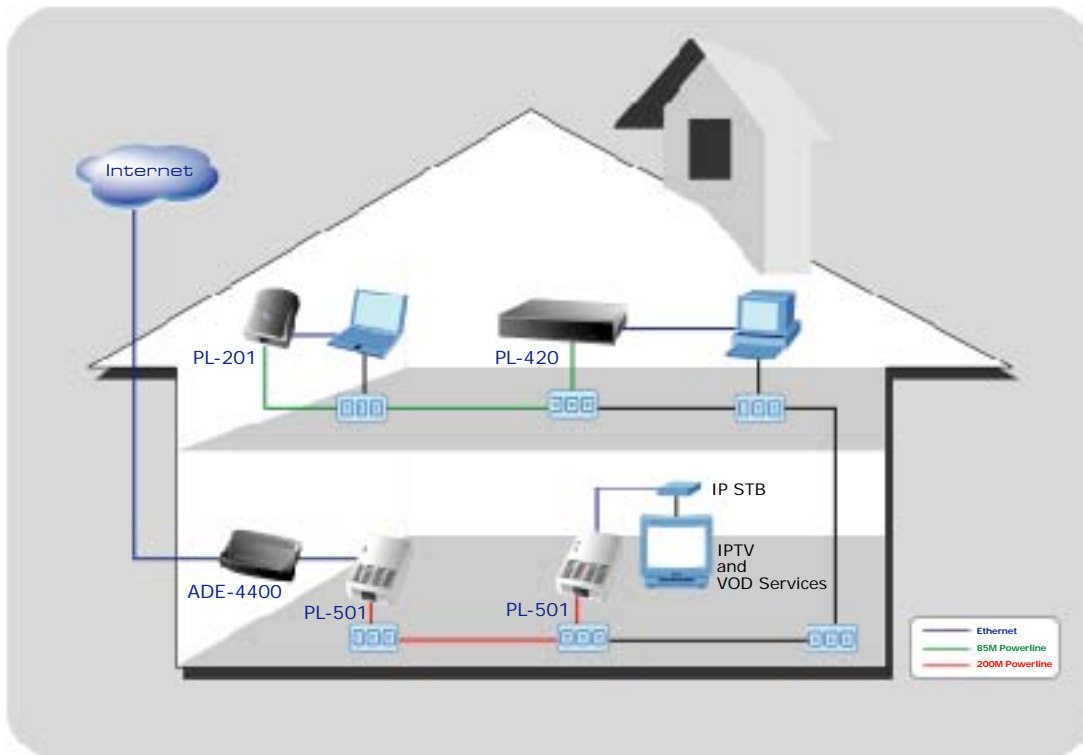
- Direct attached to power outlets
- HomePlug AV compliant
- Connect 10/100 Ethernet network to Powerline network
- Up to 200Mbps data rate on the powerline
- Up to 200 meters between powerline nodes
- 128-Bit AES link Encryption for security and reliability
- Co-existence with HomePlug 1.0 and HomePlug 1.0 Turbo
- Built-in QoS
- Throughout the whole house, just use your power circuit to access the Internet or PC network
- 16 bridged devices per station
- IGMP snooping for multicast to multiple uni-cast mapping

**SPECIFICATION**

Product **200M Powerline Ethernet Bridge**

Model	PL-501-EU/US/UK
Standard	HomePlug AV compliant IEEE 802.3 10 Base-T IEEE 802.3u 100 Base-TX
Ports	One RJ-45 port
Speed	UP to 200Mbps
Encryption	128-Bit AES encryption
Modulation	1024/256/64/16/8 QAM,QPSK, BPSK
Forward Error Correction	Turbo Codes
Channel Access	TDMA, CSMA, CA
LED	PWR, HP, ETH
Powerline Frequency Band	2MHz to 30MHz

**APPLICATIONS**



PLANET provides several types of powerline products to meet various demands. As illustrated, a IP STB connect to PL-501 and a PC or notebook connect to PL-420 or PL-201 in the house freely. Customers can enjoy IPTV or VOD service and share Internet information. With the PLANET powerline products, no messy network cables and additional switches are required at home. Users can entirely enjoy home networking from now on.

**ORDERING INFORMATION**

PL-501-EU	200M Powerline Ethernet Bridge (EU type direct-attached)
PL-501-US	200M Powerline Ethernet Bridge (US type direct-attached)
PL-501-UK	200M Powerline Ethernet Bridge (UK type direct-attached)