

500M Powerline Ethernet Bridge



With PLANET powerline communication products, the power outlets are no longer to be viewed as power receptacles only but can also be the network connection point. The PLANET PL-701 is a Powerline to Ethernet Bridge with a RJ-45 Ethernet interface which can directly connect to your computer's network card. To share the network connection in the house or office, you will not need to spend time and money to install Ethernet cabling but simply plug the PL-701 into the power outlets anywhere in the house or office. Through the multiple outlets in each room, the PL-701 allows you to use the existing electrical wiring to build the network connection in the entire house or office without the clutter of messy wiring.

The PL-701 is cost-effective, easy to install, and no need of additional wire. It offers the data rate speed up to 500Mbps which provides customers the highest speed in powerline data transmission. Moreover, the PL-701 features 128-Bit AES data encryption that improves the security and reliability.

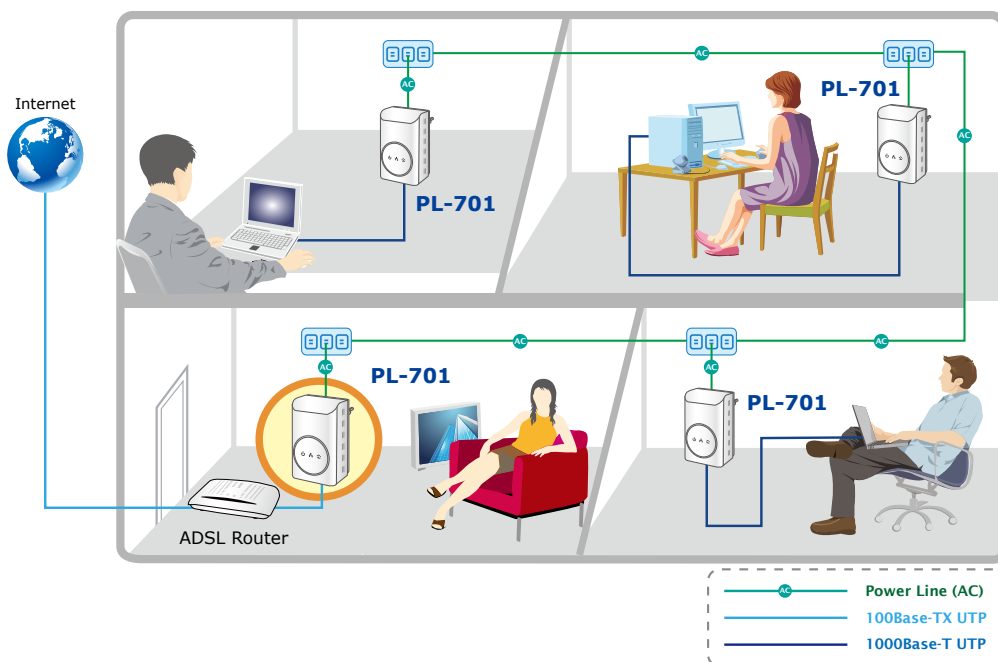
KEY FEATURES

- Direct attached to power outlets
- HomePlug AV compliant
- Connects 10/100/1000 Ethernet network to Powerline network
- Up to 500Mbps data rate on the powerline
- 128-Bit AES link Encryption for security and reliability
- Built-in QoS
- Throughout the whole house, just use your power circuit to access the Internet or PC network
- IGMP snooping for multicast to multiple uni-cast mapping

APPLICATIONS

High-Speed Ethernet Connection via Home's Power Supply

PLANET provides several types of powerline products to meet various demands on Internet access sharing at home. As illustrated, users may connect an IP STB to the PL-701, or connect a PC to the PL-701 in the house freely. With the PLANET powerline products applied, no messy network cables and additional switches are required at home and users can entirely enjoy home broadband network from now on. fiber optical connectivity and an optional Gigabit uplink, the MGSW-004 series managed fiber Switch is the right choice for powerful workgroups requiring a fast link to the LAN backbone.



SPECIFICATION

Product	500Mbps Powerline Ethernet Bridge
Model	PL-701
Hardware Specification	
Standard	HomePlug AV IEEE 1901 IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T
Ports	One RJ-45 port
Speed	UP to 500Mbps
Encryption	128-Bit AES encryption
Modulation	1024 / 256 / 64 / 16 / 8 QAM, QPSK, BPSK and ROBO
Forward Error Correction	Turbo Codes
Channel Access	TDMA, CSMA/CA
LED	Power, Ethernet, Data
Powerline Frequency Band	2MHz to 68MHz
Environment Specifications	
Operating	Temperature: 0~40 Degree C Relative Humidity: 10~90% (non-condensing)
Storage	Temperature: -10~70 Degree C Relative Humidity: 5~95% (non-condensing)
Power Supply	100~240V AC, 50~60Hz
Dimension (W x D x H)	55 x 34 x 90 mm
Weight	108 g
Emission	FCC, CE

ORDERING INFORMATION

PL-701-EU	500M Powerline Ethernet Bridge (EU type direct-attached)
PL-701-UK	500M Powerline Ethernet Bridge (UK type direct-attached)
PL-701-US	500M Powerline Ethernet Bridge (US type direct-attached)