Powerline USB Adapter (direct-attached)

Turn your home or office powerline network to 14Mbps Local Area Network. Use PLANET's powerline communication product, PL-104U, your power outlets are no longer regarded only as power receptacles of network connection point. Powerline is the most pervasive medium with multiple outlets in every room. Simply by plugging the USB interfaces of your computer into PL-104U equipped power outlet, you are allowed to place a computer anywhere at home or small office with flawless and seamless high-speed network connection.

The PL-104U is an USB to Powerline network adapter with an USB type B connector for directly connecting to computer's USB port. It provides a power plug for directly connecting to wall outlet. Security of PLANET's Powerline communication technology is ensured by using 56-bit DES encryption - the same system frequently used to protect banking systems all over the world, and is interference-free, to avoid the problems of wireless systems.
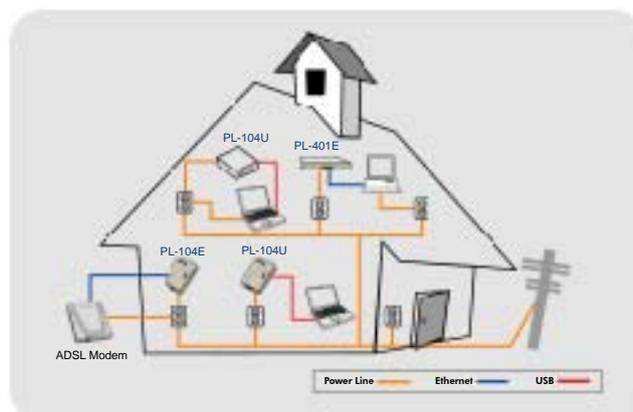
KEY FEATURE

- Power adapter form factor for directly attaching to power outlet

- Fully comply with HomePlug Powerline Alliance Specification 1.0

- Up to 14Mbps bandwidth on powerline interface

- Up to 90 meters between powerline nodes

- 56-Bit DES encryption to ensure data security and reliability

- Easy to use Windows-based security key configuration utility

- Easy to read LED indicators

- Support CSMA/CA protocol on power line interface

SPECIFICATION

Product		Powerline USB Adapter (direct-attached)
Model		PL-104U

Standard		HomePlug 1.0 USB V1.1
Ports		USB type B connector
Cabling type	Powerline	Direct attached to power outlets
	Ethernet	USB 1.1 complaint cable
Speed		UP to 14Mbps
Encryption		56-bits DES encryption
LED		PWR, LNK, ACT, COL
Powerline Frequency Band		4.3Mhz to 20.9Mhz
Dimension		65 x 93 x 78 mm
Weight		110 g
Certifications		FCC, CE
Operating Temp.		0~50 Degree C
Operating Humidity		0~90% (non-condensing)

APPLICATIONS

PLANET provides several types of powerline products to meet various demands. As illustrated, a notebook with a built-in USB interface and NIC can connect to PL-104E or PL-104U freely, and roam in the house. Apply an ADSL modem or broadband router to one of the Powerline to Ethernet bridges, and all computers can share the Internet connection. With the PLANET Powerline products, no messy network cables and additional switches are required at home, and users can entirely enjoy home networking from now on.

ORDERING INFORMATION

PL-104U-EU	Powerline USB Adapter (direct-attached)

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2