

# HPN-3000 series

## PhoneLAN CPEs

### Description

The 1Mbps PhoneLAN is a new technology that provides the network connections through the most widespread telephone wires with no impact on current voice communication. Therefore, users do not need to rewire the network cables and share the network resources at home and small office. The PhoneLAN Long Distance series provides increased range of up to 1 km and satisfies campus network's needs.

#### HPN-3000C/HPN-3000CL (Long Distance)

The converter is a switching hub with one Ethernet port and one 1Mbps PhoneLAN port. It is ideal for signal converting between Ethernet and 1Mbps PhoneLAN at range of up to 300 m (for HPN-3000C) or up to 1 km (for HPN-3000CL).

The converter is plug-n-play without any software to configure and also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel for providing the operating status of individual port and whole system.

#### HPN-3000U/HPN-3000UL (Long Distance)

The USB to 10/100Mbps Fast Ethernet / 1Mbps PhoneLAN Adapter allows your phone line to carry computer data along with your regular Telephone voice service. The USB



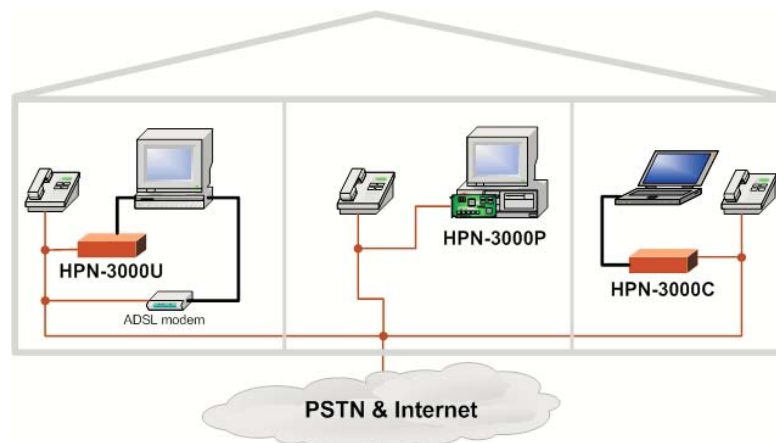
adapter is equipped with two standard telephone ports and one 10/100Mbps Fast Ethernet port. You can connect to 1Mbps PhoneLAN network, 10Mbps Ethernet or 100Mbps Fast Ethernet network without swapping devices or running multiple adapters.

The USB adapter connects to your computer's USB port with Windows 98/ME/2000/XP running. Easy to configure and also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel for providing the operating status of individual port and whole system.

#### HPN-3000P/HPN-3000PL (Long Distance)

This adapter complies with the electrical and protocol requirements of the PCI Local Bus Specification, Revision 2.0 and 2.1. The PhoneLAN PCI adapter is a cost effective, high-performance network interface card. It operates in 10Base-T and 1Mbps PhoneLAN modes and integrates easily with telephone lines.

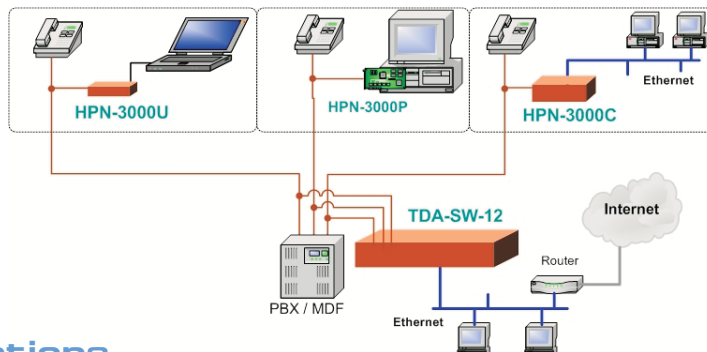
### Peer-to-peer application



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### Switch application



### Product Specifications

#### HPN-3000C/HPN-3000CL (Long Distance)

Standard	IEEE802.3, 10Base-T HPNA 1.0/1.1 (for HPN-3000C only)
Interface	1x1Mbps PhoneLAN switching ports Two bypass connectors for each 1Mbps port 1x10Base-T Ethernet Port
Cable Connections	RJ-45 (10Base-T): UTP Cat 3, 4, 5 1Mbps PhoneLAN: Twisted-pair telephone wires
Network Data Rate	10Mbps, 1Mbps
LED indications	System Power 1M port Link/Activity 10M port Link/Activity
System Buffer Memory	1MByte
MAC Address Table	2K entries
Emission	FCC Class A, CE
Operating Temperature	00 ~ 550C (320 ~ 1310F)
Operating Humidity	10% - 90%
Power Supply	External Power Adaptor

#### HPN-3000U/HPN-3000UL (Long Distance)

Standard	IEEE802.3, 10BASE-T IEEE802.3u, 100BASE-TX HPNA 1.0/1.1 (for HPN-3000U only) USB v1.1
Interface	1 x 1Mbps PhoneLAN ports by two bypass RJ-11 connectors 1 x 10Base-T / 100Base-TX Fast Ethernet Port

Cable Connections	RJ-45 (10BASE-T): UTP Cat 3, 4, 5 1Mbps PhoneLAN: Twisted-pair telephone wires
Network Data Rate	100Mbps, 10Mbps, 1Mbps
LED indications	Ethernet Speed (SPD) Ethernet Link/Activity Ethernet FDX/COL HPNA
Emission	FCC Class B, CE, VCCI
Operating Temperature	00 ~ 500C (320 ~ 1220F)
Operating Humidity	10% - 90%
Supported Operation systems	Windows 98/ME/2000/XP

#### HPN-3000P/HPN-3000PL (Long Distance)

Standard	IEEE802.3, 10Base-T HPNA 1.0/1.1
Interface	1x1Mbps. two bypass RJ-11 connectors 1x10Base-T RJ-45 Ethernet Port
Cable Connections	RJ-45 (10Base-T): UTP Cat 3, 4, 5 1Mbps PhoneLAN: Twisted-pair telephone wires
Network Data Rate	10Mbps, 1Mbps
LED indications	Link, Activity
Base I/O Addresses	Assigned by BIOS
Bus Interface	32-bit bus master
Hardware Interrupt	PCI INTA
Emission	FCC Class B, CE
Operating Temperature	00 ~ 500C (00 ~ 1220F)
Operating Humidity	10% - 90% (non-condensing)

