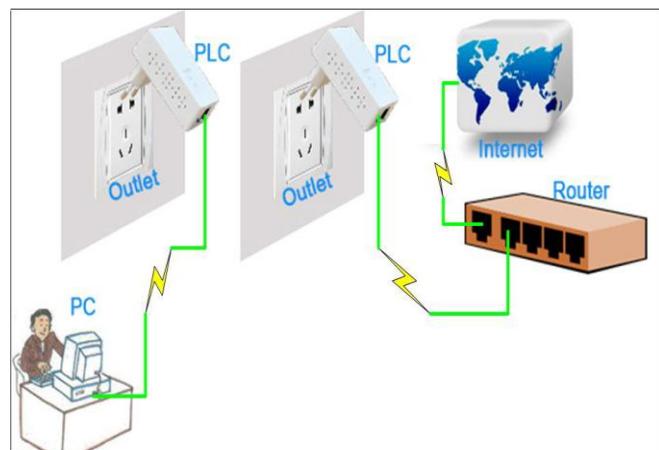


WIRELESS Broadband Router & Gateway

Features

- > HomePlug AV standard compliant, high-speed data transfer rate up to 200Mbps.
- > Miniature design, smaller than most power line adapters at the market, blends indiscreetly in front of any power outlet
- > No new wires, use existing electrical wirings
- > Plug and play, no new wires or configuration required
- > 128-bit AES encryption ensures that the network is safe simply by pressing a button on paired devices
- > KP201 supports IGMP managed multicast IP transmission, optimizes IPTV streaming.



Application Diagram

KP201 Power Line Adapter



Network Protocols:

- > Home Plug AV, IEEE 802.3, IEEE802.3u
- > IEEE 802.3 MII and RMII Fast Ethernet interfaces, 100 Mbps Ethernet, operating in MAC or PHY mode.
- > Range 300M in house
- > Modulation Technology: OFDM
- > Encryption:128-bit AES Encryption for network security and neighbor isolation
- > Advanced Power line Communications (PLC) MAC
- > Connection manager fully programmable via parametrized and prioritized QoS rules.
- > VLAN support
- > Xtendnet technology increases the overall range of the signal, assuring whole home coverage and improving throughput between distant devices
- > Remote configuration and diagnostic capabilities

Environment:

- > Operating Temperature: 0 °C~40 °C
- > Storage Temperature: -30 °C~60 °C
- > Operating Humidity: 10%~90% non-condensing
- > Storage Humidity: 5%~90% non-condensing

ATM Hardware Information

- > IEEE 802.3 MII and RMII Fast Ethernet interfaces, 100 Mbps Ethernet, operating in MAC or PHY mode
- > Simple Connect button input for Home Plug AV v1.1-compliant network encryption key exchange
- > Factory Reset button input to restore the factory-configured settings.

Operation System Support:

- > Windows 98 / 98 SE, 2000, ME, XP, VISTA,7,8
- > Macintosh
- > Linux

LED Indicators:

- > PWR ,PLC,ETH

Accessories:

- | | |
|-----------------|-----|
| > RJ45 cable | x 1 |
| > Power Adapter | x 1 |
| > Manual | x 1 |

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