

PowerLine PLB2000

High-Speed 200 Mbps PowerLine Ethernet



Features:

- High-Speed Powerline adapter with Ethernet interface for fast data transfer over the existing household power supply
- The high-speed transfer rates of 200Mbps even make it possible to transmit video in DVD quality
- No need new wires and use at any power socket with up to ranges of 200 meters
- Integrated Enhanced Quality of Service(QoS) features: eight levels of prioritized random access, contention free access, and segment bursting
- Support IGMP managed multicast IP transmission
- Fully compliant with IEEE 802.3 / 802.3u Ethernet standards and HomePlug AV standards
- Provide 128-bit AES Link Encryption with key management for secure Powerline communications
- Up to 200Mbps data rate on powerline networking.
- Allow user to connect PCs and other devices conveniently via any power outlet at home

Specification:

Standard

IEEE 802.3 / 802.3u, HomePlug AV

Port

10/100Mbps Ethernet, RJ45

Powerline Networking's Modulation

- OFDM (Orthogonal Frequency Division Multiplexing)
- Supports 1024/256/64/16/8 QAM, QPSK, BPSK, and ROBO modulation schemes

Frequency Band

2Mhz – 28Mhz

QOS

- Prioritized random access, contention-free access and segment bursting
- CSMA/CA with prioritization and ARQ for reliable delivery of Ethernet packets via Packet Encapsulation
- Integrated Enhanced Quality of Service (QoS) features: eight levels of prioritized random access contention-free access, and segment bursting

Security

128 bits AES Link encryption

Operating Range

Ranges of 200 meters

Data Range

Up to 200Mbps high speeds

Led indicator

3 LEDs for powerline networking status, power Ethernet activity

Temperature

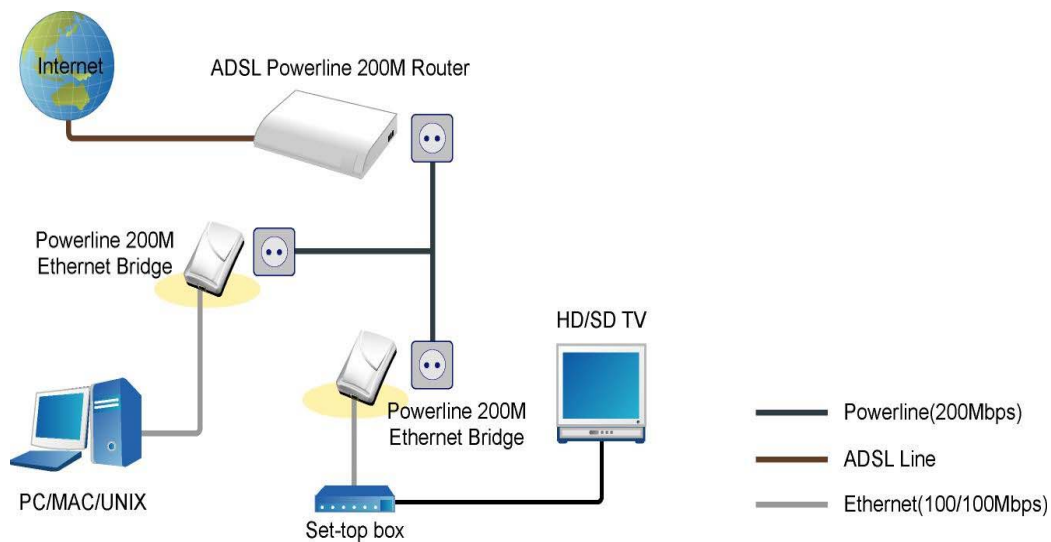
32~122°F (0 ~50°C)

Humidity

Max. 95% (Non-Condensing)

Regulatory Approvals

FCC, CE



Ordering Information:

PLB-2000 : High-Speed 200Mbps Powerline Ethernet Bridge (wall-mount)

* Product specification subject to change without notice.