

# Powerline 200M Ethernet Bridge



PLB200/N3

- ❖ Best for High Definition(HD) and Standard Definition (SD) video distribution at home and no new wire only over the existing household power supply
- 

## **Features**

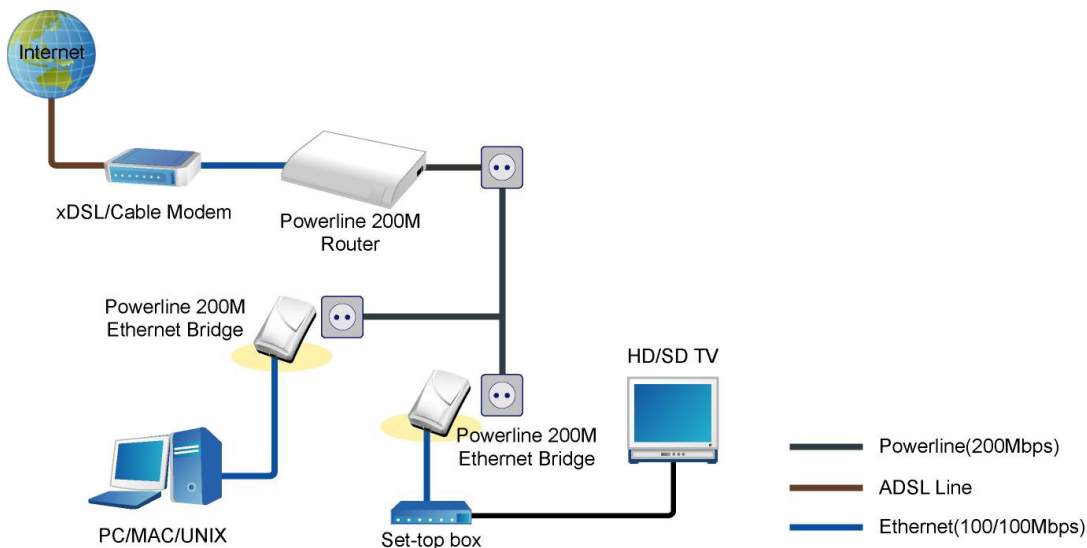
- High-Speed Powerline adapter with Ethernet interface for fast data transfer over the existing household power supply
- The high-speed transfer rates of 200Mbps even make it possible to transmit video in DVD quality
- No need new wires and use at any power socket with up to ranges of 200 meters
- Integrated 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

# Powerline 200M Ethernet Bridge

## Specifications

<b>Standard</b> <ul style="list-style-type: none"><li>IEEE 802.3 / 802.3u, HomePlug AV</li></ul>	<b>Security</b> <ul style="list-style-type: none"><li>128 bits AES Link encryption</li></ul>
<b>Port</b> <ul style="list-style-type: none"><li>10/100Mbps Ethernet, RJ45</li></ul>	<b>Operating Range</b> <ul style="list-style-type: none"><li>Ranges of 200 meters</li></ul>
<b>Powerline Modulation</b> <ul style="list-style-type: none"><li>OFDM (Orthogonal Frequency Division Multiplexing)</li><li>Supports 1024/256/64/16/8 QAM, QPSK, BPSK, and ROBO modulation schemes</li></ul>	<b>Data Rate</b> <ul style="list-style-type: none"><li>Up to 200Mbps high speeds!</li></ul>
<b>Frequency Band</b> <ul style="list-style-type: none"><li>2MHz – 28MHz</li></ul>	<b>Led indicator</b> <ul style="list-style-type: none"><li>3 LEDs for powerline networking status, power Ethernet activity</li></ul>
<b>QoS</b> <ul style="list-style-type: none"><li>Prioritized random access, contention-free access and segment bursting</li><li>CSMA/CA with prioritization and ARQ for reliable delivery of Ethernet packets via Packet Encapsulation</li><li>Integrated Enhanced Quality of Service (QoS) features: eight levels of prioritized random access, contention-free access, and segment bursting</li></ul>	<b>Temperature</b> <ul style="list-style-type: none"><li>Storage Temperature: -20°C~70°C</li><li>Operating Temperature: 0° C ~40° C</li></ul>
	<b>Humidity</b> <ul style="list-style-type: none"><li>Storage Humidity: 5%~95% R/H (max).</li><li>Operating Humidity: 10%~90% R/H (max)</li></ul>
	<b>Regulatory Approvals</b> <ul style="list-style-type: none"><li>FCC, CE, LVD</li></ul>

## Application:



FCCE

**ACEEX**

2F, NO.2, ALLEY 1, SZE-WEI LANE, CHUNG-CHENG RD., HSINTIEN, TAIPEI 23138, TAIWAN, R.O.C.

TEL: 886-2-22185357 FAX: 886-2-22186329  
http://www.aceex.com.tw Mail: sales@aceex.com.tw