

Powerline PoE Injector



PLP85

- ❖ High-Speed Powerline adapter with Ethernet interface for fast data transfer over the existing household power supply
 - ❖ Built-in PoE Injector to provide 48V, 250mA power via CAT5E / CAT6
-

Features

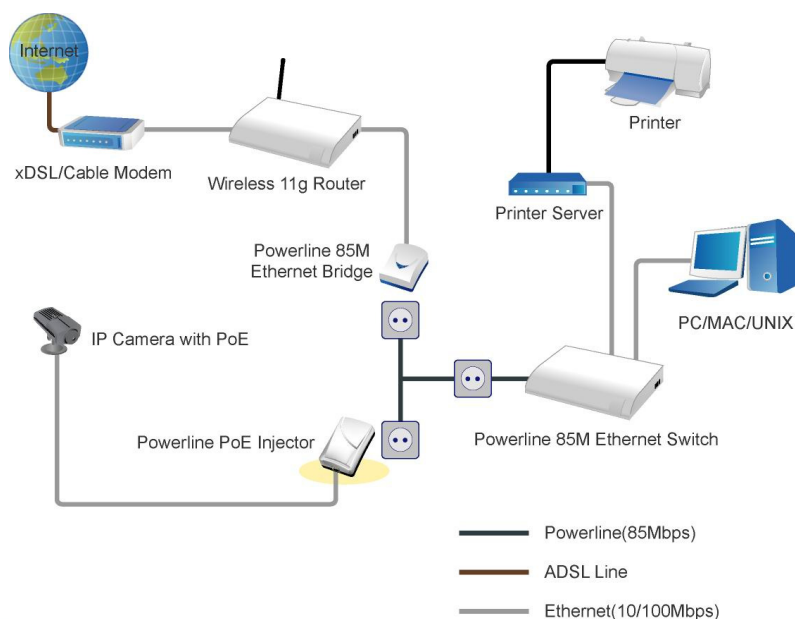
- High-Speed Powerline adapter with Ethernet interface for fast data transfer over the existing household power supply
- The high-speed transfer rates of 85Mbps even make it possible to transmit video in DVD quality
- No need new wires and use at any power socket with up to ranges of 200 meters
- Simple plug and easy to install
- Fully compliant with IEEE 802.3 / 802.3u, IEEE 802.3af and HomePlug 1.0 standard
- Provide 48V, 250mA power for the PoE Splitter (PD-Power device) over CAT5e / CAT6
- Provide 56-bit DES link encryption for Powerline networks
- Up to 85Mbps data rate on Powerline networking
- Allow user to connect PCs and other devices conveniently via any power outlet at home
- CAT5E/ CAT6 Ethernet Pin Usage – Data : 1,2,3,6 / Power: 4,5,7,8

Powerline PoE Injector

Specifications

| | |
|---|--|
| Standard <ul style="list-style-type: none">• IEEE 802.3 / 802.3u Ethernet Standards• IEEE 802.3af standard• HomePlug 1.0 / Turbo Standard | Security <ul style="list-style-type: none">• 56 bits DES link encryption |
| Frequency Band <ul style="list-style-type: none">• 4.3Mhz – 20.9Mhz | Operating Range <ul style="list-style-type: none">• Ranges of 200 meters |
| QoS <ul style="list-style-type: none">• Prioritized random access, contention-free access and segment bursting• CSMA/CA with prioritization and ARQ for reliable delivery of Ethernet packets via Packet Encapsulation | Data Rate <ul style="list-style-type: none">• Up to Turbo 85Mbps high speeds! |
| Port <ul style="list-style-type: none">• One 10/100Mbps Auto Cross-over Ethernet, RJ45 | Led indicator <ul style="list-style-type: none">• 3 LEDs for powerline networking status, power Ethernet activity |
| Powerline Modulation <ul style="list-style-type: none">• OFDM (Orthogonal Frequency Division Multiplexing) with patented signal processing techniques for high data reliability in noisy media conditions• Supports QAM 256/64/16, DQPSK, DBPSK and ROBO modulation schemes | Temperature <ul style="list-style-type: none">• 32~122°F (0 ~50°C) |
| Power over Ethernet <ul style="list-style-type: none">• Provides 48V, 250mA for PD (Power device)• CAT5 Ethernet Pin Usage – Data : 1,2,3,6 Power: 4,5,7,8 | Humidity <ul style="list-style-type: none">• Max. 95% (Non-Condensing) |
| | Regulatory Approvals <ul style="list-style-type: none">• FCC, CE |

Application:



FC CE

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 Mail: sales@aceex.com