

High-Speed Powerline Networking



SK-PL085

- ❖ High-Speed Powerline adapter with Ethernet interface for fast data transfer over the existing household

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 and HomePlug1.0 / Turbo Standard
- 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

Specifications

Products	SK-PL085
Standard	IEEE 802.3 / 802.3u Ethernet Standards HomePlug1.0 / Turbo Standard
Frequency Band	4.3Mhz –20.9Mhz
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
Port	One 10/100Mbps Auto Cross-over Ethernet, RJ45
Powerline Modulation	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
Security	56 bits DES link encryption
Operating Range	Ranges of 200 meters
Data Rate	Up to Turbo 85Mbps 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)
Cerification	FCC, CE, UL

Application

