

Power Link WPL-G2000

802.11g Wireless 200Mbps Powerline AP

Overview

802.11g Wireless 200Mbps Powerline AP is a home used product which provides a very easy way to connect the PCs to share the internet connection via the existing power circuit.

Integrated with IEEE 802.11g wireless feature, it can cover the disadvantage of powerline.

Supports 200M data rates for powerline network can suit for the high quality video, audio data stream. Easy to install and use,

it plugs straight in to any existing wall electrical socket while having a low power consumption. The 128 bit AES encryption ensuring that your network communications is safe from hackers.



Features

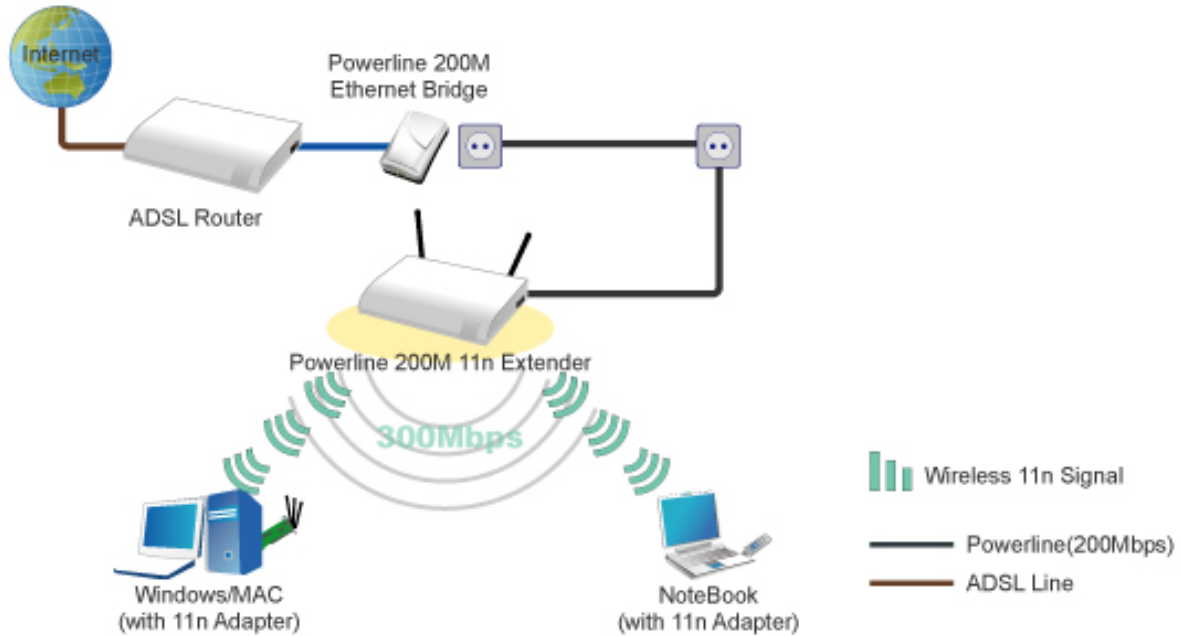
- Uses Intellon INT6300 chipset
- Compliant with IEEE 802.11b/g standards
- Integrated with wireless and powerline networks make the connection more convenient
- Supports data rates up to 54Mbps for wireless networks
- Supports wireless operating mode as AP, AP Client, WDS mode.
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) functions for high level of security
- Supports operation mode in Infrastructure function
- 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 Ethernet standards and HomePlug AV standards
- Provide 128-bit AES Link Encryption with key management for secure Powerline communications
- Supports up to 200Mbps data rates for powerline networking
- Integrated Enhanced Quality of Service (QoS) features: eight levels of prioritized random access, contention free access, and segment bursting
- Allow user to connect PCs and other devices conveniently via any power outlet at home
- Co-exists with Powerline 14M and Powerline 85M

Specifications

Wireless Features	<ul style="list-style-type: none"> ● Support IEEE 802.11b/g Standard ● Support 128-Bit and 64-Bit WEP encryption, WPA-PSK,WPA2-PSK, 802.1x ● Transmit Power: 17dBm±2dBm
Modulation Types Supported	<ul style="list-style-type: none"> ● OFDM: BPSK, QPSK, 16QAM, 64QAM ● DSSS: DBPSK, DQPSK, CCK (11b)
Data Rates Supported	<ul style="list-style-type: none"> ● IEEE 802.11b: 1, 2, 5.5 and 11 Mbps ● IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
Management Features	<ul style="list-style-type: none"> ● Firmware upgrade via HTTP ● WLAN and LAN side connection statistics ● Password protected access.
Physical Interfaces	<ul style="list-style-type: none"> ● 1 RJ-45 10/100Mbps LAN Ports ● 1 Power Jack ● 1 Detachable Antenna ● 1 Secure and 1 Reset button
Security Features	<ul style="list-style-type: none"> ● Password protected configuration access
Ethernet Features	<ul style="list-style-type: none"> ● Compliant with IEEE 802.3 and 802.3u 10/100 Mbps ● Support auto-crossover (MDI/MDI-X)
Frequency Band (Powerline)	<ul style="list-style-type: none"> ● 2 MHz – 28 MHz
Powerline Features	<ul style="list-style-type: none"> ● Data transfers at up to 200 Mbps over the household power circuit ● Ranges of 200 meters ● No need new wires for Home networking ● High-speed Internet and DVD-quality video streaming ● Easy to install ● Throughout the whole house, just use your power circuit to access the Internet or PC network ● Orthogonal Frequency Division Multiplexing for high data reliability in noisy media

	<p>conditions</p> <ul style="list-style-type: none"> ● 128 bits AES Link encryption
HTTP Web-Based Management	<ul style="list-style-type: none"> ● Firmware upgrade by HTTP ● Customizable Web pages ● WLAN and LAN side connection statistics ● Password protected access
Temperature	<ul style="list-style-type: none"> ● 0°C -70 °C
Humidity	<ul style="list-style-type: none"> ● 10% - 90%, non-condensing
Regulatory Compliance	<ul style="list-style-type: none"> ● CE,FCC

Application



Ordering Information

WPL-G2000 : 802.11g Wireless 200Mbps Powerline AP

** Product specification subject to change without notice.*

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