

Powerline 85M Wireless-G Extender



WPL/P

- ❖ Integrated Wireless Internet Access Originate from any Power Outlet at Home
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Features

- Compliant with IEEE 802.11b and IEEE 802.11g standards
- Integrated with wireless and powerline networks make the connection more convenient
- Supports data rates up to 54Mbps for wireless networks
- 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 standards
- Privacy through 56-bit DES encryption
- Supports up to 85Mbps data rates for powerline networking
- Allow user to connect PCs and other devices conveniently via any power outlet at home

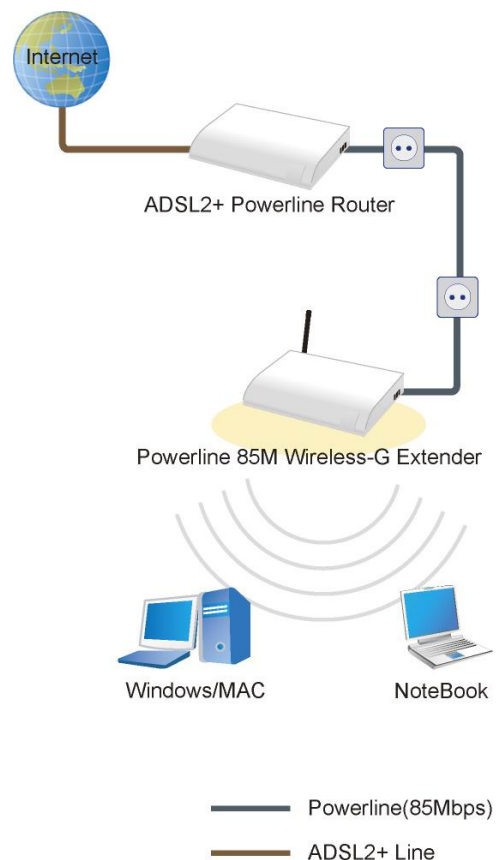
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Specifications

Wireless Features <ul style="list-style-type: none">• Support IEEE 802.11g, 802.11b Wireless Access Point• Support 128-Bit and 64-Bit WEP encryption, WPA-PSK, WPA2-PSK, 802.1x• Transmit Power: 17dBm \pm 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">• 4 * RJ-45 10/100Mbps LAN Ports• 1 Power Jack• WLAN Status, Power and switching hub LED indicators
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• All Ethernet ports support auto-crossover (MDI/MDI-X)
Powerline Features <ul style="list-style-type: none">• Data transfers at up to 85 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 conditions• 56-bits DES link encryption for security
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">• Storage Temperature: -20°C~70°C• Operating Temperature: 0°C ~40°C
Humidity <ul style="list-style-type: none">• Storage Humidity: 5%~95% R/H (max).• Operating Humidity: 10%~90% R/H (max)
Regulatory Approvals <ul style="list-style-type: none">• FCC, CE, LVD

Application:



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