

# Powerline 200M Router



PR200/X

- ❖ Share Internet Access from any Power Outlet in the Home
  - ❖ Support 200Mbps data rates for Powerline networks
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## **Features**

- Configuration and management operated via WWW browser with password protected access
- Firmware upgrade via HTTP
- All Ethernet ports support auto-crossover (MDI/MDI-X) - No need for crossover cables
- Compliant with IEEE 802.3 and IEEE 802.3u 10/100 Mbps
- Share your Internet access on your powerline and Ethernet Networks
- Extends Internet coverage to the whole house, including areas where a wireless network could not reach
- DMZ and Virtual Server function provided operating modes include routing, bridge, static IP, PPPoE etc
- High-Speed Powerline adapter with Ethernet interface for fast data transfer over the existing household power supply
- 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

# Powerline 200M Router

## Specifications

### Management Features

- Firmware upgrade via HTTP
- WAN and LAN side connection statistics
- Configuration of static routes and routing table
- Configuration of NAT / NAPT
- Password protected access
- Selection of Bridge or Router Mode
- PPP user ID and password

### Physical Interfaces

- 3 \* RJ-45 10/100Mbps LAN Ports
- 1\* RJ-45 WAN Port
- 1 Power Jack
- 1 Secure and 1 Reset button

### Router Features

- DHCP Server and Client
- NAPT (Network Address and Port Translation)
- NAT (Network Address Translation)
- ICMP (Internet Control Message Protocol)
- IGMP (Internet Group Management Protocol)
- DDNS (Dynamic Domain Name Service)

### Security Features

- Password protected configuration access
- User authentication (PAP / CHAP) with PPP Firewall :
  - NAT
  - NAPT

### Powerline Features

- 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 conditions
- 128 bits AES Link encryption

### Ethernet Features

- Compliant with IEEE 802.3 and 802.3u 10/100 Mbps
- All Ethernet ports support auto-crossover (MDI/MDI-X)

### Minimum System Requirements

- Any computer with an Ethernet 10/100 Base-T interface
- Any operating system that supports an Ethernet connection with an IP stack

### Temperature

- Storage Temperature: -20°C~70°C
- Operating Temperature: 0° C ~40° C

### Humidity

- Storage Humidity: 5%~95% R/H (max).
- Operating Humidity: 10%~90% R/H (max)

### Regulatory Approvals

- FCC, CE, LVD

### Application:

