

## ADSL2+ Wireless Powerline Router



A2WPR/B

- ❖ ADSL 2+ Powerline Router integrated 3 Port 10/100Mbps Switch
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### **Features**

- ANSI T1.413 Issue 2, ITU-T G.992.1(G.dmt) and G.992.2 (G.lite) compliant for Annex A, B, ITU-T G.992.3, G.992.4 for ADSL2, ITU-T G.992.5 for ADSL2+
- Downstream and upstream data rates up to 24Mbps and 2Mbps
- Configuration and management operated via WWW browser with password protected access
- Firmware upgrade via HTTP
- WAN and LAN side connection statistics
- 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 ADSL2+ Internet access on your wireless and Ethernet Networks
- DMZ and Virtual Server function provided operating modes include routing, bridge, static IP, PPPoE, PPPoA etc

### **Powerline Networking 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
- Privacy through DES encryption
- Up to 85Mbps data rate on powerline networking
- Allow user to connect PCs and other devices conveniently via any power outlet at home

# ADSL2+ Wireless Powerline Router

## Specifications

### ADSL Features

- Compatible with all leading DSLAMs
- Supports DMT line modulation
- Supports Full Rate ADSL: up to 8Mbps downstream, up to 1Mbps upstream
- Supports ITU-T G.992.1 Annex A & T1.413 Issue 2
- Supports ITU-T G.992.1 (G.dmt) Annex B / ETSI TS 101 388 / DTS TM-06006
- Supports ITU-T G.992.1 Annex B - Deutsch Telecom / U-R2
- Supports G.Lite ADSL: up to 1.5Mbps downstream
- Up to 512Kbps upstream (G.992.2)
- Supports DSL handshaking (G.994.1)

### ATM Features

- WAN Mode Support : PPP Over ATM (RFC-2364) and PPP Over Ethernet (RFC-2516)
- LAN Mode Support : Routed / Bridge Ethernet Over ATM (RFC-2684)
- Classical Internet Protocol Over ATM (RFC-1577)
- Support ATM SAR, ATM AAL5, ATM Forum UNI3.1 / 4.0 PVC
- Support 16 ATM VCs

### Wireless Features

- Support IEEE 802.11g, 802.11b Wireless Access Point
- Support 128-Bit and 64-Bit WEP encryption, WPA-PSK, WPA2
- Data rate : Up to 54Mbps
- Transmit Power : 15dBm
- Receive Sensitivity : 11Mbps : -80dBm  
54Mbps : -65dBm

### Management Features

- Plug & Play Installation
- Local & Remote Management
- Web-based configuration
- Telnet configuration
- System log

### Physical Interfaces

- ADSL Modem / Router with three RJ-45 (10/100 Base-T) Ethernet port & an ADSL port
- ADSL Status, Power and switching hub LED indicators

### LAN Feature

- DHCP
- 3-Port 10/100M Switch

### Security Features

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

### Powerline Features

- 56 bits DES encryption
- Up to 85Mbps Powerline networking

### 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:

