

AGR2000 Broadband Ethernet ConnectRouter™



Plug & Play Network Router

FEATURES & BENEFITS

- Compliance with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX
- Optimized for APL1000 series of Power Line Ethernet NetBridge™ or other Power Line applications
- Supports Universal Plug and Play with easy set-up
- ARM/RISC network processor provides incredibly faster performance in routing, VPN pass through, and firewall applications
- Built-in four port Ethernet Switch for easy multiple LAN connections
- Virtual Server/DMZ allows multimedia applications and Internet servers on LAN
- Comprehensive Diagnostic LED for easy trouble shooting
- Supports MDI/MDIX Auto detect feature on WAN and LAN ports
- Supports up to 253 users

OVERVIEW

The Aboundi AGR2000 Broadband Ethernet ConnectRouter™ is perfectly suitable for high speed Internet to the powerline broadband networking in home, commercial and small to medial business applications.

The ConnectRouter™ supports four 10/100 Mbps ports Ethernet switches which allows multiple networking segmentations. All of its WAN and Switching Ethernet ports have MDI/MDIX auto detection feature which provides carefree connection to any DSL or Cable modems that are available in the market today.

The WAN port provides Internet firewall feature for enhanced security capability. It combines with Network Address Translation (NAT) function that provides the ability of multiple users attachment to a single Internet access.

The AGR2000 Broadband Ethernet ConnectRouter™ employs a Dynamic Host Configuration Protocol (DHCP) that provides dynamic allocation of IP addresses for up to 253 clients users or devices.



AGR2000 Broadband Ethernet ConnectRouter™

SPECIFICATIONS*

Standard Compliance

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX

Interface

- WAN: One 10/100 Mbps auto-sensing port
- LAN: 4 x 10/100 Mbps auto-sensing switch ports
- Auto MDIX for all Ethernet ports

Protocol

- TCP/IP, NAT, UDP
- PPPoE, PPTP, DHCP (client and server)
- HTTP, CSMA/CD

IP Setting

- WAN: DHCP client, PPPoE, PPTP or Static IP
- LAN: DHCP auto-assignment, Static IP

Management

- Web-Based management
- Firmware upgrade via HTTP
- Upload/download configuration file via HTTP
- Universal Plug and Play, Restore to factory default setting

Maximum Users

- Up to 253 users

Security

- Filter: MAC address, protocol, IP, Port
- VPN (PPTP, IPsec & L2TP) pass through

Remote Access

- Virtual sever
- Exposed Host (DMZ Host)

Maintenance

- Event log (On-Web logging, Syslog, Email alert)
- Reset Button for factory default setting

Mechanical

- LED Indicators: Power, HB, WAN, LAN, 10/100Mbps
- Dimension: 153 × 112 × 40mm / 6 x 4.4 x 1.6 in
- Weight: without power adapter 195g / 6.9 oz

Environmental

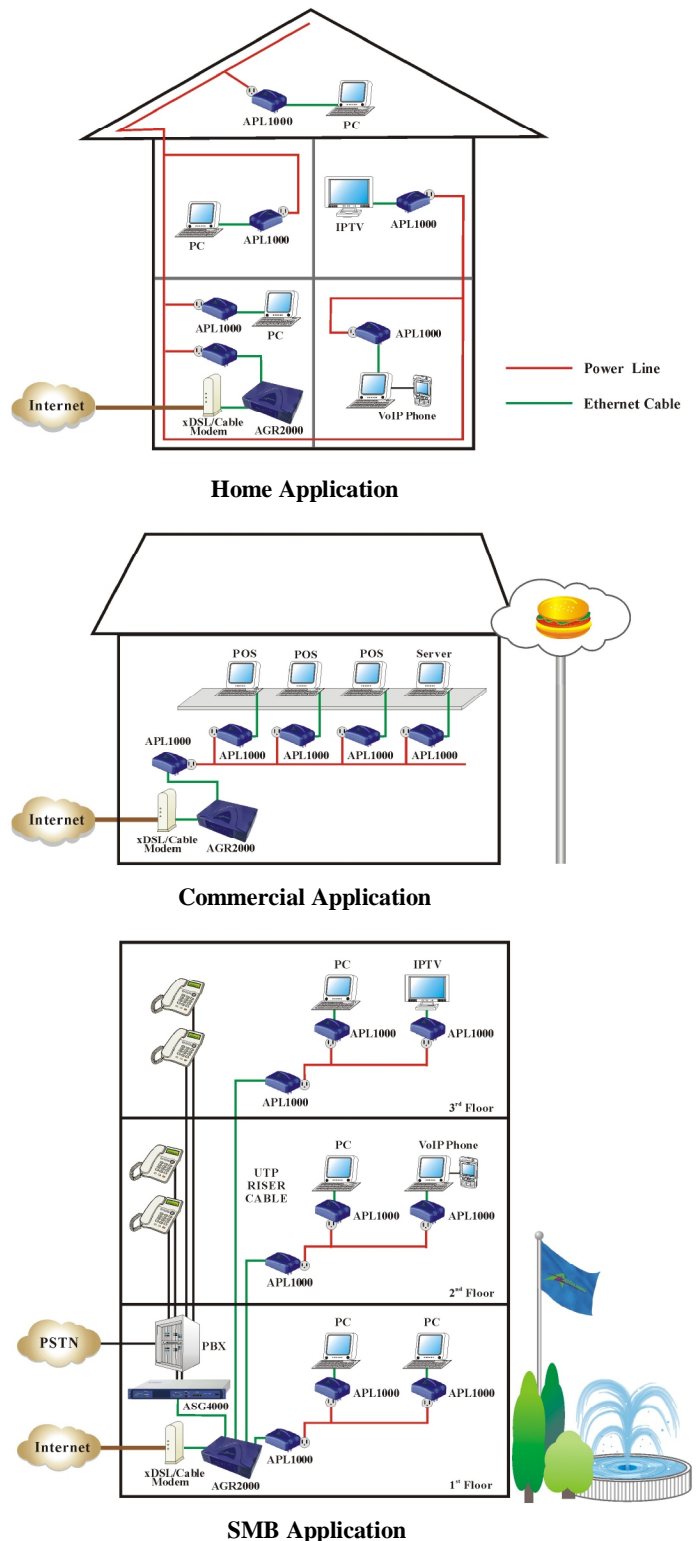
- Temperature: Operating: 0 ~ +40°C / +32 ~ +104°F
Storage: -20 ~ +70°C / -4 ~ +158°F
- Humidity: Operating: 10 ~ 90% (non-condensing)
Storage: 0 ~ 95% (non-condensing)
- Power Adapter: 110/220 VAC input, 9VAC, 1.0A output

Certificate

- FCC Part 15
- CE

ORDERING INFORMATION

AGR2000-100-01: 110VAC Plug
AGR2000-100-02: 220VAC Plug



*Specifications subject to change.

■ Aboundi Inc. ■ 4 Bud Way, Unit 10, Nashua, NH 03063 USA ■ Phone: +1-603-889-8188 ■ www.aboundi.com

Aboundi, the Aboundi logo and Ethernet Dual SerialBridge are trademarks of Aboundi Inc. All other trademarks are the property of their respective owners. © 2005 Aboundi Inc. All rights reserved.