

# AGR2000<sup>TM</sup> PowerLine Ethernet ConnectMaster<sup>TM</sup>



## Internet Connectivity For PowerLine Network

### FEATURES & BENEFITS

- Compliance with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX
- Optimized for APL1000-100 series of PowerLine Ethernet NetBridge<sup>TM</sup> or other PowerLine 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 detection feature on WAN and LAN ports
- Supports up to 253 users

### OVERVIEW

The Aboundi AGR2000 PowerLine Ethernet ConnectMaster<sup>TM</sup> is perfectly suitable for high speed Internet to the PowerLine broadband networking in the Enterprise, Small to Medium sized Businesses and Multi Dwelling Units applications.

The ConnectMaster<sup>TM</sup> 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 PowerLine Ethernet ConnectMaster<sup>TM</sup> employs a Dynamic Host Configuration Protocol (DHCP) that provides dynamic allocation of IP addresses for up to 253 clients users or devices.



# AGR2000<sup>TM</sup> PowerLine Ethernet ConnectMaster

## 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 x 112 x 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, 9VDC, 1.0A output

### Certificate

- FCC Part 15
- CE

### ORDERING INFORMATION

AGR2000-100-01: 110VAC Plug

AGR2000-100-02: 220VAC Plug

AGR2000-100-03: 220VAC UK Plug

