

## RT220W Wireless Broadband Router

**ASKEY**'s RT220W is 802.11g Wireless Broadband Router with Access Point features and 4-port LAN switch, one WAN port that extend your existing broadband Cable/DSL connection. The 802.11g Access Point features allow PCs/Notebooks with wireless card that adapts 802.11g technology to connect to the Ethernet. Through the WAN connection to connect broadband Cable/ADSL modem, with the feature-rich routing functions provided, all users can enjoy various bandwidth-consuming applications.

### [Hardware Specifications]

#### Hardware

- 125MHz MIPS CPU
- 16MB SDRAM
- 4MB Flash Memory
- 802.11g: Broadcom (BCM4306, BCM2050)
- One external antenna and One internal antenna

#### Interface

- One 10/100 Base-Tx RJ-45 WAN port for Broadband connection (Cable/DSL or direct Ethernet) and Support HP Auto-MDIX
- Four RJ-45 LAN ports for 10/100Base-Tx Ethernet Switch support HP Auto-MDIX

#### Physical

- Front Panel: 8 LEDs ( Power x 1, LAN x 4, WAN x 1, Wireless x 1)
- Back Panel: Reset Button, Power Jack, RJ-45 LAN Port x 4, RJ-45 WAN Port x 1
- Dimensions: 135 mm(L) x 170 mm(W) x 45 mm(H)
- Case types: Support Lay down only

#### Power Adapter and Environmental Requirement

- DC Adaptor: Input AC100V – 240V , Output 12V AC, 1A
- Temperature: 0 to 40° C (operation), -20 to 70 °C (storage)
- Relative Humidity: 5% to 90% (non-condensing)

## **Electromagnetic Compliance**

- FCC Part 15 Class B
- CE
- EMI/Immunity: VCCI class B
- Wi-Fi for 802.11b

## **[Software Specifications]**

### **WAN Port Features**

- PPPoE (PPP over Ethernet) Client with Keep Alive/Connect On Demand Support
- PAP and CHAP Authentication
- DHCP Client
- MAC Address Cloning
- Settable and Changeable IP Address

### **LAN Port Features**

- DHCP Server
- Settable and Changeable IP Address

### **Router Features**

- NAT
- Firewall Support
- Bridge Mode Support
- 802.1D Spanning Tree Bridging
- IP Filtering, IP Forwarding
- DMZ Hosting
- DNS Forwarding
- UPNP Support
- Microsoft NetMeeting Passthrough Support
- Microsoft XP Messenger Passthrough Support

### **Security Features**

- PAP and CHAP Authentication
- ASCII/HEX Format 64/128 Bit WEP Key for Wireless LAN
- Supports IP packets filtering based on IP address, Port number, and Protocol
- VPN Support (IPSec Passthrough, and PPTP Passthrough)

### **Wireless LAN Features**

- Fully compatible to 802.11g standard
- Direct Sequence Spread Spectrum (DSSS) technology exploitation
- Seamless roaming within wireless LAN infrastructure
- Low power consumption for wireless clients via efficient power management

### **Configuration and Management Features**

- Configurable through Web Browser via WAN/LAN
- Software Upgrade
- DHCP Server function for IP distribution to local network users
- NTP/Manual System Clock
- Configuration Saving/Retrieving
- Event Log