

## Wireless 54M Broadband Router



### GR-124W **High Performance Wireless Broadband Router**

This GR-124W is a cost-effective IP sharing router that enables multiple users to share the Internet connection through an xDSL or cable modem. The GR-124W is embedded with an IEEE 802.11g/b access point that allows you to build up a wireless network with the data transfer rate up to 54Mbps.

#### **Internet Connection Sharing**

Integrated 4-port Ethernet switch and wireless 802.11b/g standards, the GR-124W is able to maximize Cable or xDSL Internet connection. With the built-in DHCP server and NAT function, it allows up to 253 wired or wireless devices share the Internet connection at the same time.

#### **Port Forwarding and DMZ**

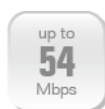
The GR-124W supports port forwarding and DMZ. You can enjoy the Internet game play, setup a web server and execute other applications required ports opening.

#### **Wireless LAN ACL (Access Control List) filtering**

The GR-124W provides wireless LAN ACL filtering to secure the wireless networks from undefined users or intruders. This function provides the easy ways for managing wireless connections and providing safety for the LAN

#### **Robust Security Settings**

With 64/128-bit WEP, WPA/WPA2 encryption and TKIP/AES authentication security, the GR-124W enhances the wireless security to protect malicious attackers.



## FEATURES

- Complies with IEEE802.11g, IEEE802.11b, IEEE802.1d, IEEE802.3, IEEE802.3u standards
- Shares data and Internet connection for network users
- Supports PPPoE, Dynamic IP, Static IP Internet connection protocols
- Supports 64/128-bit WEP, WPA/WPA2 encryption and TKIP/AES authentication security
- Supports wireless LAN ACL (Access Control List) filtering
- Built-in firewall supports IP address filtering, Port filtering, URL filtering and MAC address filtering
- Supports Dynamic DNS, Static Routing and VPN pass-through

## TECHNICAL SPECIFICATIONS

<b>CHIPSET</b>	<b>STANDARDS</b>	<b>ANTENNA TYPE</b>
<ul style="list-style-type: none"> <li>• RTL8186+RTL8306S+RTL8225VF</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.11b, IEEE 802.11g</li> <li>• IEEE 802.3 10Base-T</li> <li>• IEEE 802.3u 100Base-TX</li> </ul>	<ul style="list-style-type: none"> <li>• RP-SMA type Omni Antenna (2dbi)</li> </ul>
<b>NETWORK MEDIA</b>	<b>WIRELESS FREQUENCY RANGE</b>	<b>WIRELESS SIGNAL RATES (AUTO FALLBACK)</b>
<ul style="list-style-type: none"> <li>• 10BASE-T: UTP Cat. 3 or up,</li> <li>• 100BASE-TX: UTP Cat. 5 or up</li> </ul>	<ul style="list-style-type: none"> <li>• 2.412GHz – 2.4835GHz</li> </ul>	<ul style="list-style-type: none"> <li>• <b>802.11b</b>(11Mbps,9Mbps, 6Mbps, 5, 5Mbps, 2Mbps, 1Mbps)</li> <li>• <b>801.11g</b>(54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps)</li> </ul>
<b>WIRELESS TRANSMIT OUTPUT POWER</b>	<b>SECURITY</b>	<b>USER INTERFACE</b>
<ul style="list-style-type: none"> <li>• <b>54Mbps OFDM</b>:15dBm +/- 2dBm</li> <li>• <b>11Mbps CCK</b>: 16dBm-18dBm</li> </ul>	<ul style="list-style-type: none"> <li>• 64-,128-bit Wired-Equivalent</li> <li>• WEP, WPA, WPA2</li> </ul>	<ul style="list-style-type: none"> <li>• Web browser based Management interface</li> </ul>
<b>NAT TABLE ENTRIES</b>	<b>INTERFACE SPEED</b>	<b>POWER</b>
<ul style="list-style-type: none"> <li>• 10,000</li> </ul>	<ul style="list-style-type: none"> <li>• WAN: 10/100Mbps auto negotiation</li> <li>• LAN: 10/100Mbps auto negotiation</li> </ul>	<ul style="list-style-type: none"> <li>• DC 9V</li> </ul>
<b>DIMENSION</b>	<b>WEIGHT</b>	<b>TEMPERATURE</b>
<ul style="list-style-type: none"> <li>• 155mm(L) x102mm(W) x 30mm(H)</li> </ul>	<ul style="list-style-type: none"> <li>• 200g</li> </ul>	<ul style="list-style-type: none"> <li>• 0° to 50° C (operating)</li> <li>• -20° to 70° C (storage)</li> </ul>
<b>HUMIDITY</b>	<b>CERTIFICATIONS</b>	
<ul style="list-style-type: none"> <li>• 5% to 90 % non-condensing (operating)</li> <li>• 5% to 90% non-condensing (storage)</li> </ul>	<ul style="list-style-type: none"> <li>• FCC Part 15 Class B, CE Mark</li> </ul>	



EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Portugal, Spain, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia, the Netherlands, Portugal, Spain, Sweden, and the United Kingdom.

The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

This equipment is intended to be used in all Europe and EFTA countries. Honeywell Electronic Technology declares that this product is in conformity with the European R&TTE Directive (1999/5/EC). A declaration of conformity is available on [www.edimax.com](http://www.edimax.com)

AR46