

## WL-1000R

### Wireless-G Broadband Router

**A**fter more than half year of research and development. A whole new generation of high speed broadband routers from Air Live is set to revolutionize the networking industry. The F-type Broadband routers combine the fast performance, outstanding stability, and comprehensive features in an award winning designer's housing.



#### Breathtaking Housing Design

The F-Type housing is the latest design from the renown Air Live Industrial Design Studio. Crafted with sumptuous curves running across the awe inspiring body, it is truly a piece of modern art to behold. But the design has functionalities much more than what meet the eyes. The large surface of air cooling ducts in the vaulted underside allows air to run freely into the router from below, then goes out to the stylish air grills on the side. The side fins are angled 45 degree downward to prevent dust from entering the router. The end result is a router that can breath freely to accommodate a high performance CPU without the worry for overheating.

#### Wired Speed Routing Performance

The WL-1000R offers unprecedented IP sharing performance at a surprisingly affordable price. The router is equipped with a powerful processor that can support close to 100Mbps of Internet connection speed which is the speed of the Fast Ethernet connection. With this amazing throughput and a 10/100Mbps WAN port, the router is ready for use with the latest broadband solutions such as VDSL and FTTH. In addition, it comes with 4 auto sensing switching ports with auto-MDI/MDIX function to eliminate the need for cross-over cable.

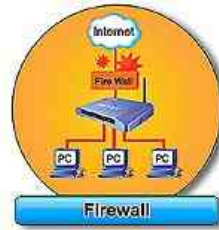
#### 802.11g 54Mbps Wireless

The router is equipped four 10/100Mbps LAN ports with Auto MDI/MID-X function. But for those who prefers to forgo wires together. Air Live has integrated the fast wireless solution into the device. Fully compliant with the latest IEEE 802.11G standard, the router allows high speed wireless connection at the same frequency spectrum as 802.11b. It is compatible with most 802.11g and 802.11b devices. The antenna is detachable to allow upgrade to higher gain antennas. Furthermore, the WDS Repeater function allow users to expand the wireless coverage

#### AirLiveGuard Wireless Security

Wireless Security has always been a concern for most users. The Air LiveGuard system is a combination of multiple layers of wireless protections. Starting with "SSID Hide" that will prevent other users seeing the wireless network without knowing the exact SSID name. Then the WPA/WPA-PSK/WEP function encrypts the data, so intruders won't be able to interpret the wireless data. Therefore, unable to use your wireless connection. At last, the DoubleGuard access control system will lock wireless access to your PC's MAC and IP address. You can choose whether to let PC that are not on the MAC access list to use Internet connection, associate with wireless, or communicate with LAN PC only. This create a combination of 9 possible access schemes for the ultimate controllability.





### Scheduling Firewall

Security has always been a primary concern for IP sharing and wireless environment. For this reason, AirLive has incorporated a full feature firewall that includes SPI, DoS Attack Prevention, VPN packet filter, and Threshold monitor. The SPI (Stateful Packet Inspection) technology detect situations where individual TCP/IP packets are valid but collectively they become a hacker attack.



The Router is the first in its price range to feature a policy based Firewall. Therefore, you can define which inbound or outbound traffic are allowed. Moreover, the scheduling feature allow user to define what time and day of the week the service

The URL and domain blocking prevent users from accessing unwanted website by IP or by the domain name. Email notification function enables the router to send email to notify user about hacker's attack or scheduled report on connection log. The WL-1000R even offer the Syslog feature, so administrator can have the log recorded on a separate PC server. Comprehensive content filter and Access Control let administrator monitor and control the network for optimal security and performance.

### Wake-on-LAN and Special FTP port

The WL-1000R features a special Wake-On-LAN function. So you can login to the router's UI from Remote, then ask the router to send out WOL packet to wake up specific PCs. The special FTP port allow your router to redirect FTP traffic to a different port than the standard Port 21, so you can continue to operate the FTP server even if your ISP block certain ports.

### Easy Management

The router UPnP (Universal Plug-n-Play) capability let your router configure correctly with your PC and multi-user Internet application. The web management features comprehensive online help to explain every single function. Best of all, the setup Wizard guides user through to set up the Internet connection easily. For ISP and enterprise customer, the router support SNMP management functions.

### Global Broadband Standard Support

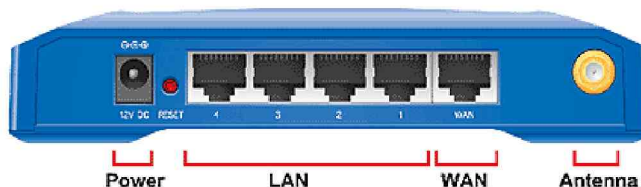
AirLive has invested extra software effort to ensure compatibility with the global broadband standard. In addition to the standard cable modem, fixed IP, and PPPoE client xDSL support. Air Live has added support for PPTP client (Holland, Austria, England, Israel, Czech Republic), L2TP(Holland, Israel), Telstra Bigpond Cable(Australia), and SingTel RAS (Singapore). The WL-1000R is designed to work with most broadband connections in the world.

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With AirLive's Type-F series, the router is no longer just some device you want to stow away hidden. In addition to be a reliable device that you can depend on for Internet sharing, its stylish housing can also be the center piece for your home or office .

\*Note: The WL-1000R does not have Print Server function. Please choose WL-1000UR if you need to share an USB printer





## Specification

### Ports

- 10/100Mbps WAN port
- 4 x 10/100Mbps switching LAN ports
- Auto MDI/MDI-X functions

### Wireless

- Antenna
  - 2 dBi detachable Dipole Antenna
  - Reversed SMA Connector
- Frequency
  - USA (FCC) 11 Channels:  
2.412GHz~2.462GHz
  - Europe (ETSI) 13 Channels:  
2.412GHz~2.472GHz
  - Japan (TELEC) 14 Channels:  
2.412GHz~2.483GHz
- Modulation
  - 11g Orthogonal Frequency Division Multiplexing (64QAM, 16QAM, QPSK, BPSK)
  - 11b Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
- Output Power
  - 11g
    - 64QAM: 14
    - 16QAM: 15
    - QPSK: 16
    - BPSK: 17
  - 11b
    - DBPSK, DQPSK, CCK: 17.5
- Data Rate
  - 11g mode: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
  - 11b mode: 11, 5.5, 2, 1 Mbps
- WEP: 64/128-bit
- WPA, WPA-PSK
- 802.1x
- WDS Repeater Mode

### Configuration

- Web browser
- Web-based Setup Wizard
- SNMP Management

### Management Function

- DHCP Server for up to 253 clients
  - Lease Time, Fixed IP mapping
  - Including DNS, DNS2, WINS Server, WINS Server2.
- DHCP client to acquire dynamic network
- configuration from ISP
- Proxy DNS
- Dynamic DNS
- Virtual Server
- Multi-session PPTP, L2TP, and IPsec VPN pass Through
- Static Routing
- Access Control
  - Block
- Packet Filter
  - In Bound Filter
  - OutBound Filter
- Schedule Control (Time and Day of the Week)
- Remote Management
- Session/User Lists
- Syslog
  - System Activity
  - Debug Information
  - Attacks
  - Dropped Packets
  - Notice
- Email Notification
  - Hacker Attack
  - Connection Log
  - Scheduled

### Firewall

- Stateful Packet Inspection(SPI)
- DoS Attack Prevention
- L2TP, PPTP, IPsec filter
- Disable WAN PING

## Specification

- Detailed On-Line Help
- Configuration Back and Restore
- Firmware Upgradeable
- Reset button provided

### Broadband Support

- PPPoE client
- PPTP client
- L2TP Client
- Cable Modem
- Fixed IP
- Telstra Bigpond Cable
- SingTelRAS
- FTTH
- VDSL

### Wake On LAN

- Wake up PC using MAC address
- Activate from DHCP Client list or  
*Maintenance->Miscellaneous*

### OS Support

- Windows 95/98/NT/ME/2000/XP
- Unix
- Macintosh
- Any platform that support Web browser

### Supported Protocols

- TCP/IP, NAT, ARP, ICMP, DHCP client/server, PPPoE, PPP, PAP, CHAP, NTP, HTTP, TFTP, POP3

**LED Indicators:** Power, WLAN, Status, WAN, LAN x 4 (Link, Speed)

**EMI:** Meet CE, FCC part 15 Class B, BSMI, VCCI, C-tick

**Dimension:** 160 x 115 x 30mm

**Weight:** 210g

**Power:** AC 12V, 1A

## Ordering Information

**WL-1000R** 802.11g 54Mbps Wireless Router