WL-1600GL

802.11g Wireless G Plus Open Source Broadband Router

The WL-1600GL is a high performance and simple to use 802.11g wireless open source router that features high-speed performance mode (HSM) of 125 Mbps which is backward–compatible with standard 802.11 b/g support. That means this router supports G-Plus Technology to provide ultra high speed. The router supports virtually all the major ISP in the world. In addition, comprehensive filtering function allows parents to prevent children from surfing unwanted websites. Designed as open sourced platform with 4MB Flash, 16M of DRAM, and Broadcom Chipset.

| Routing | Security Filter | 802.11g | WPA | WPA2 | WPS |

Connection Diagram

ADSL / Cable Modem   **WL-1600GL**   **PC**   **NoteBook**

Kids Protect Function

Parents may setup URL filter or domain blocking to prevent their kids from accessing a specific website on the Internet. Any refused web request from their kids' browser will receive a blocked message instead of the website.

Complete Security Function

The WL-1600GL provides your network complete security solution. It includes URL Filter, Denial of Service, and firewall. To improve the security of your Wi-Fi network, you could enable WPA-PSK to protect your home network.
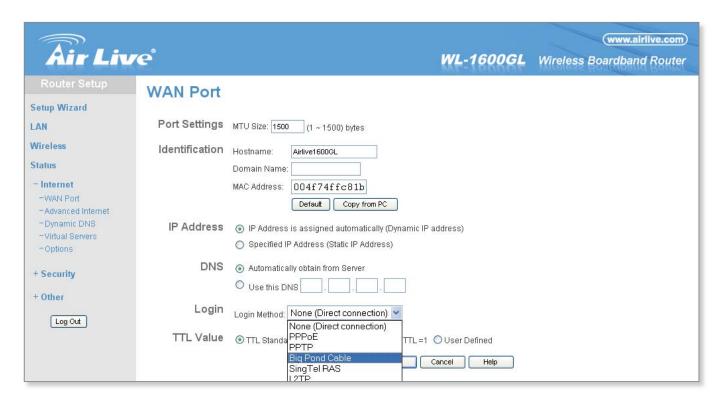
Manufacturer
OvisLink Corp.

www.airlive.com

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Easy Management

The router UPnP (Universal Plug-n-Play) capability let your router configure correctly with your PC and multi-user Internet application. The help buttons on web management pages assist user to understand each single function. Best of all, the setup Wizard helps user get through setting of the Internet connection easily.

Internet Access Feature

The AirLive WL-1600GL WAN interface can be configured as Fixed IP, Dynamic IP, PPPoE, PPTP,L2TP, Telstra Big Pond, and SingTel RAS. The flexible configuration makes it suitable for all kinds of Internet connection.

Support WPS (WiFi Protected Setup)

WPS is a standard created by Wi-Fi alliance to simply the process of building a secured home wireless network. In another word, it makes the process of wireless encryption much easier. A WPS PBC (Push Button) on the device enables users to push buttons on the both the AP/Router and wireless USB dongle to setup the secured connection.

Support Emergency code Firmware Recovery

The WL1600GL Support Emergency code firmware recovery supports once your device firmware crash or firmware damage. The firmware recovery mode can solve most of the firmware crash or firmware damage issue. You can recover your device back alive again without sending back to the store. This reliable and convenient feature is achieved with just few simple steps.

WL-1600GL is a platform for open source firmware development

AirLive WL-1600GL is a Linux Compatible open source wireless G plus router. Good for those of you who need an extremely customizable wireless router without waiting for official firmware release.

Specifications

Hardware

DRAM
- 16 Mbytes

Flash
- 4 Mbytes

WAN Port
- 1 x Shield RJ 45 for 10/100 Fast Ethernet

LAN Port
- 4 x Nway RJ45 10/100 Fast Ethernet

Wireless Antenna
- 1 x 2dbi antenna

WPS Button
- 1

Regulation
- FCC & CE

Operating Temperature
- 0~40°C

Storage Temperature
- -20°C~70°C

Power Adapter
- DC 5V/1A Semi-switching Type

Software

Routing
- Cross Segment Static Route
- RIP1

VPN Pass-through
- PPTP
- IPSec
- L2TP

Firewall Security
- NAT
- Stateful Inspection
- Attack Alert (E-mail) & Log
- Denial of Service
- Access Control

Protocol Supported
- DHCP Client/Server
- PPPoE
- PPTP Client for DSL Connection
- NTP (Network Time Protocol)

Application Supported
- Dynamic DNS
- UPnP
- Virtual Server
- Special Internet Application
- DMZ & Multi DMZ
- Dial-on-Demand & Auto-Disconnect
- PAP & CHAP Authentication for PPPoE

Wireless
- IEEE 802.11b/g Compliance
- Roaming Supported
- Selectable Domain Supported
- WEP 64bit and 128bit Security Supported
- WPA/WPA2 Supported
- Modulation: DSSS BPSK/QPSK/CCK/OFDM
- Auto-sensing Open System/Share Key Authentication
- SSID Broadcast Enable/Disable

Firmware Upgrade
- HTTP, TFTP Download, and proprietary network protocol download

Management
- Web & remote management

Ordering Information:

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