



Broadband Router with CATV/ADSL supprt
(with 4Ports Switch)
Roadt Lanner BRL-04FW



Feature

Now equipped with enhanced firewall capabilities that outperform its predecessors' on-board firewall, the BRL-04FW provides a secure networking environment to anyone wishing to utilize always-on Internet services.

■ Enhanced Fire Wall Features

The BRL-04FW employs Stateful Packet Inspection as its firewall technology. When establishing communication over the Internet, this new feature checks the consistency between the request and response packets to open only the port that corresponds to the required application. When communication is over, all the available ports are closed to achieve a truly "hole-less" robust security system that effectively blocks unauthorized access from the outside (the Internet).

Even when there is a malicious attack from the outside, the BRL-04FW detects it via its Dos Attack Protection function and notifies the administrator of the incidence via e-mail.

■ The ARM chipsets improve throughput

ARM (32bit) chipsets are used as the product's CPU for routing. As a result, the throughput has improved significantly (3.5Mbps = theoretical value) compared with its predecessor model.

※Firmware Ver.6.15.02p.0091-

■ Internet sharing among multiple computers

Its NAT/IP masquerading (NAPT) feature enables simultaneous Internet sharing among multiple computers.

■ Multi-NAT enables WAN-to-LAN access

Its Multi-NAT function "couples" multiple global IP addresses assigned by your ISP to their corresponding local IP addresses on the LAN. Services requiring fixed global IP addresses are thus supported via Multi-NAT. (Up to eight global addresses can be acquired by the BRL-04FW.)

■ On-board 4 port Switch

The BRL-04FW is equipped with four 10/100BASE Auto-Negotiation switching ports. Up to four PCs or network devices can be directly attached to the internal Switch.

■ Supports PPPoE(Point to Point Protocol over Ethernet)

In addition to ordinary Ethernet connection, the BRL-04FW also supports Point to Point Protocol over

Ethernet (PPPoE).

-Requires no PPPoE software

Since the BRL-04FW provides PPPoE client function by itself, there is no need to install a separate PPPoE program to each client PC.

-Enables Concurrent Internet Access from Multiple Clients

Its NAT/IP masquerading (NAPT) feature allows multiple computers to access the Internet simultaneously using just one PPPoE account.

-Automatic Connection/Disconnection

Its PPPoE Service On Demand feature and Idle Access Monitoring/ Automatic Disconnection feature allow its users to access the Internet as if they were using a leased line - the users are no longer required to manually connect to or disconnect from the Internet.

■ **Supports Incoming (Internet-to-LAN) Access**

Usually, access from the Internet (WAN) to the LAN is disabled as long as NAT/IP masquerading is in use. The Local Server function of the BRL-04FW enables incoming access without compromising NAT/IP masquerading.

■ **Serves as a Gateway for Internet Games**

Its Local Server and DMZ functions allow multiple clients to play network games while they are connected to the Internet. This feature also supports network games which do not support NAT.

* Some network games may not properly operate even when Local Server mode is enabled.

■ **Supports DHCP**

The BRL-04FW is equipped with DHCP Server/Client feature. Hence it automatically 1) obtains an IP address from the DHCP server on the WAN side and 2) allocates an IP address to each client attached to its LAN port. Manual configuration of IP is also supported.

■ **Web-based configuration**

The internal parameters and operation settings of the BRL-04FW can be easily configured via a WWW browser. The password-protected configuration screen prevents unauthorized access from outsiders, and it also supports configuration via telnet.

■ **Upgradable Firmware**

All system functions of the BRL-04FW are stored in the on-board flash memory in the form of firmware (software). By downloading the latest firmware from our web site, you can always keep the functions of the bRoad Lanner up-to-date.

NOTE: Some ISP's place restrictions on the use of routers like BRL-04FW and/or Internet sharing among multiple PC's. Please be sure to check the service contract with your ISP before purchasing this

product.

*bRoadLanner series products are not dial-up routers.

► Specification

Product Model Number	BRL-04FW
Standards Conformance	LAN Side: IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX WAN Side: IEEE802.3 10BASE-T
Data Transfer Rate	LAN Side: 10/100Mbps (Auto-Negotiation) WAN Side: 10Mbps
Ports	LAN Side: 10BASE-T/100BASE-TX RJ-45 x 4 ports WAN Side: 10BASE-T RJ-45 x 1port
Supported WAN Lines	ADSL, SDSL, CATV, Leased Line
Supported Media	10BASE-T Category 3 (or greater) twisted-pair cable (100m max.) 100BASE-TX Category 5 (or greater) twisted-pair cable (100m max.)
Supported Protocol	TCP/IP
Address Translation	NAT/IP Masquerading (NAPT)
Firewall	Stateful Packet Inspection
Multi NAT	Supports up to eight global IP addresses
DHCP Server	Supports up to 253 addresses (LAN ports only, can be disabled)
DHCP Client	Obtains an IP from an ISP (WAN port only, can be disabled)
PPPoE	Supports 1 session PPPoE, Service-on-Demand, Idle Connection Monitoring, Automatic Disconnection
Local Server	Forwards packets to a specific PC on the LAN per TCP/ UDP port
DMZ	Forwards packets on the WAN port to a specific host (PC) on one of the LAN ports
Filtering	MAC address/ IP address/ IP port filter (outgoing direction)
Configuration Interfaces	Web browser, telnet
Firmware Upgrade	Rewrites on-board flash ROM
LED	POWER ,STATUS ,WAN ,LAN
Power Input	DC 12V ,1A
Power Consumption	12W max.

Dimensions	224.4(W) x 34(H) x 144.6(D)mm
Weight (main body)	402g
Operating Temperatures	0 - 40 degrees Celsius
Operating Humidities	35 - 85%
Supported OSes	Windows 95/98/Me/NT/2000: requires a PC equipped with one Ethernet (RJ-45) port OSes supporting TCP/IP (ex. MacOS, UNIX OSes): requires a PC equipped with one Ethernet (RJ-45) port
Required Network Equipment	LAN cables
Supported ADSL/Cable Modem	External ADSL modem with an RJ-45 (LAN) port External cable modem with an RJ-45 (LAN) port
EMI	FCC Class A ,CE Mark
Accessories	BRL-04FW, AC Adapter, Short Cord, UTP Cable (1m) x 1, Manual CD-ROM, Quick Installation Guide

▼ Product view

