



Broadband Router with CATV/ADSL support **Road Lanner BRL-01**



▶ Feature

■ IP Sharing Among Multiple PCs

The BRL-01 allows multiple PCs to share a single IP via NAT/IP Masquerading. In both CATV Internet and xDSL environments, the Broadband Router provides the user a means to effectively use limited IP resources.

■ Serves as a FireWall

Since the IP address of the WAN port is shared by multiple PCs, anyone communicating with the network will never know the IP address of each client PC (connected to the LAN port). Moreover, protocols other than TCP/IP are cut off inside the bRoad Lanner. The Broadband Router can thus serve as one tough FireWall that blocks unauthorized access from the outside.

■ Accepts Access from the Internet

In most products with NAT/IP Masquerading support, access from the Internet (WAN) to the LAN is totally blocked as soon as the masquerading function is enabled. On the other hand, bRoad Lanner utilizes its local server- and virtual computer functions to allow WAN-> LAN access from the outside while it performs NAT/IP masquerading.

■ Serves as a Gateway to Internet Games

Its Local Server and Virtual Server functions allow multiple clients to play network games while they are connected to the Internet. Network games with no NAT support can be used in this configuration as well.
*Some network games may not be supported.

■ Supports Routing

The user can create additional static routes in the on-board routing table.

■ "Plug & Play" Networking

Since the BRL-01 supports DHCP Server/ Client functions, it automatically 1) obtains an IP address from a DHCP server on the WAN side and 2) assigns that IP to a client attached to itself. Simply attach a network cable to the Broadband Router, and you are already connected to your network. The BRL-01 also supports manual IP assignment/ configuration.

■ Easily Configurable via the Web

All parameters and settings of the BRL-01 can be configured via any standard Web browser. The configuration utility (menu) is also password-protected to block unauthorized access to the device.

■ Upgradable Firmware

All the key functions of the bRoad Lanner are contained in its firmware, and this program is stored in the reprogrammable flash memory of the BRL-01. Each time a new upgrade program is released on our web site, the user can download it to upgrade or add new functions to the bRoad Lanner.

■ Shares CATV Internet Access Among Multiple Users

In ordinary CATV Internet services, only one PC is allowed to access the Net. This is where the Broadband Router comes in. As all PCs connected to the LAN port of the bRoad Lanner share one IP address, two or more of the computers can access the Internet at the same time.

■ Relieves IP Address Shortage in Leased Line Environments

Whether it is a private domain or not, global IP addresses always tend to be in short supply. The bRoad Lanner can solve this problem as well - once implemented in a leased-line network, it allows multiple PCs to connect to the Internet all at the same time.

■ Ensures Privacy and Security in Internet Building (Condominiums)

In so-called Internet buildings or condominiums, providing adequate security of information is always a critical issue. By installing the bRoad Lanner in each room (or unit) in the building, the user can effectively block intercommunication among the units to ensure privacy and security of the residents.

NOTE: Some ISP's place restrictions on the use of routers like BRL-01 and/or Internet sharing among multiple PC's. Please be sure to check the service contract with your ISP before purchasing this product.

*** Note: this product is NOT a dial-up router.**

► Specification

Model Name	BRL-01	
Supported Standards		
Network Ports	WAN Port	10BASE-T RJ-45 Port x 1 (Half Duplex)
	LAN Port	10BASE-T / 100BASE-TX Auto-Negotiation RJ-45 Port x 1 (Full Duplex)
Supported WAN Lines/Services		
Address Conversion	NAT/IP Masquerading (253 units max.)	
DHCP Server	Automatically assigns an IP address to each client connected to the LAN port	
DHCP Client	Automatically obtains an IP address for the BRL-01 from the DHCP on the WAN port	
Filtering	Filtering per TCP/IP port number	

	(Only limits access from the LAN to the Internet)
Routing	Supports addition of static routs to the on-board routing table
DNS Address Transfer	Transfers the DNS server address on the WAN port to each client on the LAN port
PPPoE	Supported
Local Server	Forwards data per TCP/IP port number to a host specified by the LAN port
Virtual Computer	Forwards packets from the WAN port to a specific host on the LAN port
Configuration	Via Web browser/ telnet (password-protected)
Firmware Upgrade	Uses a TFTP client
System Requirements	OS: -Windows 95/98,Windows NT,Windows 2000,Windows Me -Other OSES with TCP/IP support (Mac OS, UNIX OSES, etc.) Hardware: -PC equipped with an Ethernet (RJ-45) port
Networking Devices	The following devices/accessories are required to use the product: - A UTP or STP twisted-pair cable - A 10BASE-T/100BASE-TX repeater hub or a Switch
Supported xDSL Cable Modems	- External xDSL modem with an RJ-45 (LAN) port - External cable modems with an RJ-45 (LAN) port
Power Supply	AC Adapter
Power Consumption	800mA (6V)
Dimensions	169(W) x 35(H) x 115(D)mm
Weight (main unit only)	240g
Packing List	BRL-01, AC adapter with a short cord, 1m RJ-45 UTP cable, User's Manual

▼ Product view

