

## **BRL-04FPU USB&Parallell Print Server 4Port Broadband Router**



### **Feature**

**Robust network security achieved via SPI (Stateful Packet Inspection) Firewall and unauthorized access detection function. Furthermore, its on-board USB & Parallel print server function allows multiple Windows PC's to share Two printers at the Same Time.**

#### **■ 94Mbps Throughput**

A throughput of about 94Mbps has been achieved in the following measurement environment:

\* The throughput values above do not represent guaranteed performance in actual product usage.

#### **■ On-Board USB & Parallel Print Server**

Its build-in print server enables printer sharing between multiple PC's on the LAN. (The print server functionality is available only to Windows PC's ) and it can use both printers with same time. \* only Windows clients available

#### **■ Internet Sharing Between Multiple PCs**

The NAPT(NAT/IP masquerade) feature allows one global IP address to be shared by multiple local IP addresses, enabling simultaneous Internet access of multiple PCs.

#### **■ DHCP Feature**

Equipped with DHCP Server/Client feature and thus it automatically 1)obtains an IP address from a DHCP server on the WAN side and 2)allocates an IP address to each client connected to its LAN ports. The product also supports manual IP configuration

#### **■ PPPoE(Point to Point Protocol over Ethernet) Connectivity**

In addition to the common Ethernet (static/DHCP) connection, the BRL-04FPU supports Point to Point Protocol over Ethernet (PPPoE).

#### **■ Support Dynamic DNS service**

The BRL-04FPU supports Dynamic DNS Network Services provided by LLC. Simply enter the user name, password and domain name registered at dyndns.org in the product setting screen, and it will automatically update the registered information.

#### **■ Supports UPnP (Universal Plug and Play)**

The UPnP feature of BRL-04FPU eases the configuration tasks of network applications. The following functions of Windows Messenger (a UPnP compliant application) are supported by BRL-04FPU: \* The "Place Call" function is not supported.

#### **■ SPI (Stateful Packet Inspection) Firewall and unauthorized access detection function**

As firewall features, the product is equipped with SPI and unauthorized access detection function. SPI (stateful packet inspection) estimates returning packets and verifies the consistency of packets to determine whether it should pass (or destroy) packets. Furthermore, the VPN router detects unauthorized access from the Internet (WAN) and terminates communication. Detected attacks can be recorded in a log and even be reported via e-mail.

■ **Packet filtering with various user-configurable parameters**

IP address, protocol, port number and direction (IN/OUT) of filtering rules are user-configurable. A highly secure network can be established with the product as this feature allows the VPN router to discard unauthorized packets and excess traffic (packets) and even selectively open ports for communication when establishing a publicly accessible server.

■ **On-board 4-port Switch automatically detects the two cable types**

An internal 4-port 10/100BASE Auto-Negotiation Switch provides connection to network devices on the LAN side. Since its Auto-MDI/MDX function automatically detects the straight and crossover cable types, the user can connect up to four PCs directly to the switch without worrying about the cable type differences.

■ **Configuration via a WEB browser**

The BRL-04FPU is easily configurable through a web browser. The setting screen is protected by a password ensuring the full security.

Note: ISP's may place limitations on the use of routers like this product or on access to the Internet from multiple users. Please be sure to verify the service agreement provided by your ISP.

\* bRoadLanner series products are not dial-up routers.

► **Specification**

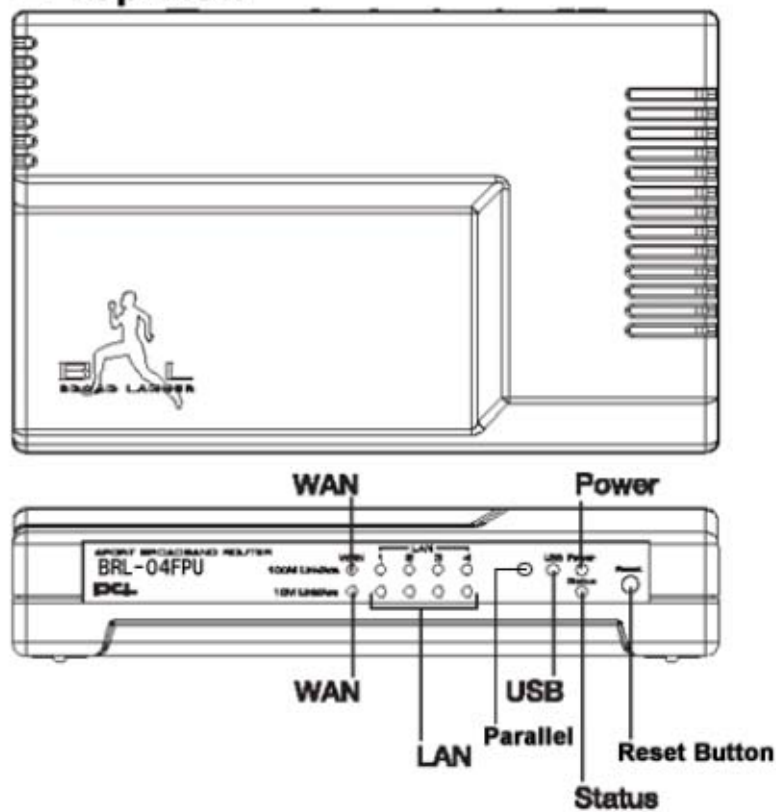
<b>Mudel Number</b>	<b>BRL-04FPU</b>	
<b>Standards Conformance</b>	LAN:IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX WAN:IEEE802.3 10BASE-T,IEEE802.3u 100BASE-TX	
<b>Data Transfer Speed</b>	10/100Mbps (Auto-Negotiation)	
<b>Network Port Configuration</b>	<b>WAN Port</b>	10/100BASE-TX Auto-Negotiation Port x . (RJ-45 Connector)
	<b>LAN Ports</b>	10/100BASE-TXAuto-Negotiation Port x 4(RJ-45 Connector)AutoMDI/MDI-X Supported
<b>Supported WAN Lines</b>	ADSL/FTTH/CATV/leased lines, etc.	
<b>Suported Routing Protocol</b>	IP	
<b>Address Translation</b>	NAT/IP masquerading(NAPT)	
<b>DHCP Server</b>	Supports up to 253 addresses(can be disabled)	
<b>DHCP Client</b>	Acquires an IP address from ISP (can be disabled)	
<b>PPPoE</b>	Supports 1 session, PPPoE Service-on-Demand, Idle Connection	

		Monitoring/Automatic Disconnection, Keep Alive
<b>Routing Protocols</b>		Static
<b>Local Server</b>		Forwards packets to a specific PC on the LAN per TCP/ UDP port
<b>Virtual Computer (DMZ)</b>		Forwards packets from WAN port to a specific PC on the LAN
<b>UPnP</b>		Supported(Internet Gateway Device 1.0 compliant)
<b>Dynamic DNS</b>		Supported(www.dyndns.org)
<b>Packet Filtering</b>		Parameter:direction(IN/OUT),IPAddress,Protocols/Number Ports, Schedule(A day of the week and time)
<b>URL Filtering</b>		Supported
<b>Firewall</b>		SPI(Stateful Packet Inspection),DoSAttack Protection,ServiceFiltering
<b>Monitor</b>		Each communication information can be confirmed on WEB interface.
<b>Comfiguration Interface</b>		WEB browser
<b>Upgrade</b>		Upgrade Fkach ROM(upgraded via a Web browser)
<b>Print Server</b>	<b>Printer Interfaces</b>	USB1.1(Type A Connector) x 1,Parallel Port x 1
	<b>Supported Printer</b>	On board USB or Parallel interface
	<b>Supported OSes</b>	Windows 98SE/Me/2000/XP
	<b>Supported Protocol</b>	TCP/IP. IPX/SPX. NetBEUI
	<b>Comfiguration</b>	Windows Proprietary Utility, WEB browser
<b>LED</b>		Power,Status,USB,LAN,WAN
<b>Power Input</b>		DC 5V,1.5A
<b>Power Consumption</b>		7.5W max
<b>Dimensions(W x H x D )</b>		162(W) x 35(H) x 101(D)mm
<b>Weight</b>		220g
<b>Operating Temperature</b>		0 to 40 degrees Celsius
<b>Operating Humidity</b>		35 to 70%(non-condensing)
<b>Supported OSes</b>		Windows 95/98/Me/2000/XP PC equipped with an Ethernet (RJ-45) port

	Computer equipped with an Ethernet (RJ-45) port that runs a TCP/IP compliant OS (Mac OS , UNIX OSes, etc.)
<b>Required Network Cables</b>	The product supports the following Network Cables  Twisted-pair cable (Required quantity: the number of PCs attached to the product)
<b>EMI</b>	CE,FCC Class B,VCCI Class B
<b>Warranty Period</b>	1 year
<b>Package Contents</b>	BRL-04FPU,AC Adapter,UTP straight LAN cable(1m),CD-ROM(Manual& Utility&Port Driver)

▶ **Product View**

■ **Top View**



► Specification

 **The flexible networking supported the present speed internet easy connection.**

**Allows Multiple computers to share the internet connection and two printers at the same time.**

