



Wireless Broadband Router with CATV/ADSL support
Road Lanner **BLW-01P**



▶ Feature

The bRoad Lanner employs NAT/IP masquerading (NAPT) technology to enable simultaneous access to the Internet from multiple computers.

■ **Provides Wireless LAN Access Point function at the communication speed of 11Mbps**

The BLW-01P provides Wireless LAN Access Point function compliant with IEEE802.11b. With the BLW-01P and the Wireless LAN adapter, you can configure LAN environment without bothering complicated cables from the day when you had bought the BLW-01P. What's more, you can freely configure LAN environment composed of wireless / non-wireless. Because conventional non-wireless LAN is also supported.

NOTE: To use the wireless LAN functionality of the BLW-01P, be sure to attach the supplied PCMCIA (wireless LAN) card to the product. Note also that a wireless LAN card (sold separately) needs to be attached to each client PC on the wireless LAN.

■ **Provides an 11Mbps Wireless LAN Access Point Solution**

The BLW-01P functions as a Wireless LAN Access Point fully compliant with IEEE802.11b. By combining the BLW-01P with wireless LAN adapters, you can set up a LAN which is free of burdensome cabling - all on the same day you purchase the product. What's more, its support of conventional wired LANs increases the networking flexibility of your LAN as it supports both wired and wireless nodes.

■ **Provide Print Server Function**

Its internal print server allows multiple PCs on the same LAN to share a printer. This feature is useful in SOHO environments and networks with multiple clients.

Note: Print Server Function works only on Windows.

■ **Sharing an Internet Connection with Multiple PCs**

Its NAT/IP masquerading (NAPT) enables multiple PCs to access the Internet simultaneously.

■ **Supports PPPoE(Point to Point Protocol over Ethernet)**

In addition to the popular Ethernet-based permanent connections, the BLW-01P supports PPPoE connectivity as well.

-Requires no PPPoE Connection Software

Since the BLW-01P itself has a PPPoE client facility, there is no need to install a separate PPPoE connection program on your PC.

-Enables simultaneous access from multiple PCs

Its NAT/IP masquerading feature allows multiple computers to connect to the Internet simultaneously using just one PPPoE account.

-Automatic connection / Automatic disconnection

Its PPPoE Service On Demand function and Idle Access Monitoring/Automatic Disconnection features allow its users to access the Internet as if they were using a leased line: there is no need to manually connect or disconnect a link to the Internet.

■ Provides Simple Firewall Facility

Since the IP address of the WAN port is shared among multiple computers, it is impossible for other Internet users to determine the IP address of each client attached to the LAN side of the product. Furthermore, the BLW-01P blocks all protocols except TCP/IP to make any unauthorized access from the Internet extremely difficult. The product thus serves as a robust firewall.

■ Enables access from the WAN side as well

When you use NAT/IP masquerade facility, access from the Internet / WAN side to the LAN side usually becomes impossible. The Local Server function of the BRL-07P enables incoming access from the Internet/WAN without compromising 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 DHCP Functions

Since the BLW-01P supports DHCP Server/Client features, it automatically 1) obtains an IP address from a DHCP server on the WAN side and 2) assigns a separate IP to a client attached to itself. The BLW-01P also supports manual IP assignment/ configuration.

■ Configuration through a WWW Browser

You can easily perform all configuration tasks via a standard WWW browser. The password-protected configuration interface ensures security against unauthorized access.

■ Upgradable Firmware

All functions of the BLW-01P are stored in its 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 product up-to-date.

*About shared Access to the Internet via a CATV account

If you are planning to share a CATV Internet account (connection) with multiple client computers, please

be sure to contact your local CATV service provider in advance and check whether this type of Internet access is supported.

*Note: this product is NOT a dialup router.

*bRoadLannerR and its logo mark are the trademark (registration pending) of Planex Communications Inc.

► Specification

Model Name	BLW-01P
Wireless Section	
Supported Standards	IEEE 802.11/802.11b ,ARIB(Japan) /FCC(North America) /ETSI (Europe)
Data Transfer Rate	11/5.5/2/1Mbps (Auto-Detection)
Frequency Range	2400-2497MHz(Japan Band) 2400-2483.5(North America, Europe Band) 2455-2475MHz(Spand Band) 2446.5-2483.5MHz(France Band)
Communication Range	240m Max.(1/2Mbps) 90m Max.(5.5Mbps) 50m Max.(11Mbps) * May vary with different environmental conditions
Antenna Type	Diversity Antenna
Wired Section	
Supported Standards	LAN Port:IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX WAN Port:IEEE802.3 10BASE-T
Data Transfer Speed	LAN Port:10/100Mbps (Auto-Negotiation) WAN Port:10Mbps
Network Port Configuration	LAN Port:10/100Mbps Auto-Negotiation Port x 1 (RJ-45 Connector) WAN Port:10Mbps Port x 1 (RJ-45 Connector) Printer Port:Centronics D-Sub25 pin Parallel Port x 1
Uplink Switch	Provides one switch to LAN side
Supported WAN Lines/Services	ADSL, SDSL, CATV, Leased Line, and so on
Network Cable	10BASE-T Category 3 Twisted-Pair Cables (100m) 100BASE-TX Category 5 Twisted-Pair Cables (100m)
Supported Protocol	TCP/IP

Address Translation	NAT/IP Masquerading (NAPT)
DHCP Server	Supports up to 253 addresses (LAN ports only: can be disabled)
DHCP Client	Obtains an IP address from an Internet service provider (WAN port only: can be disabled)
PPPoE	Supports 1 session PPPoE Service-On-Demand, No Access Monitoring/Automatic Disconnection
Local Server Function	Forwards connection to a specified computer in the LAN per TCP/UDP port (supports manual selection of port range)
Virtual Computer	Forwards packets from the WAN port to a specific host on the LAN port
Filtering	Supports MAC Address/IP Address/IP Port Filtering (outgoing direction)
Configuration Methods	Web Browser
Upgradability	Upgradable firmware (stored in flash ROM)
Common Section	
LED	Power ,Status ,WAN ,LAN 10 ,LAN 100 ,Wireless ,Printer Error , Printer Act
Power Input	DC 12V, 800mA
Max. Power Consumption	7.2W Max
Operating Temperatures	0 - 40 degrees Celsius
Operating Humidities	35 - 85%
Dimensions	240(W) x 35(H) x 120(D)mm
Weight(main unit only)	465g
Supported Hardware and OSes	<p>Wired LAN</p> <ul style="list-style-type: none"> -Windows 95/98/Me,Windows NT,Windows 2000 PC with an Ethernet (RJ-45) port -Computer with an Ethernet (RJ-45) port running an OS with TCP/IP support (ex: MacOS and UNIX OSes) <p>Wireless LAN</p> <ul style="list-style-type: none"> -Windows 95/98/Me, Windows NT,Windows 2000 PC equipped with wireless communication function or wireless LAN card with IEEE802.11/IEEE802.11b support -Macintosh with AirMac Wireless LAN adapter card equipped.

Networking Equipment	This product requires - UTP/STP twisted-pair cable per client - Hub/Switching-Hub with 10BASE-T/100BASE-TX support
Supported xDSL /Cable Modems	-External xDSL modem with an RJ- 45 (LAN) port -External cable modem with an RJ- 45 (LAN) port
EMI	VCCI Class B ,FCC Class B ,CE
Accessories	BLW-01P, Wireless LAN Adapter Card, AC Adapter, Category 5 1m UTP Cable x 1, Short Extension Cord, Driver CD-ROM,User's Manual on CD-ROM ,Warranty Card

Everybody can easily use our wireless LAN products because wiring / construction work is not required.

But its communication range may vary with different environmental conditions. The obstacle may cause low transfer rate or communication failure.

The chart shows the level of obstruction. Please avoid these environmental factor as much as possible to do stable communication.

Material of obstacle	Influence upon Transfer Distance (The large number means that it is more obstructive material.)	Specific Example
Air	X	-
Wooden	XX	Wooden Partition
Gypsum	XX	Partition wall
Composite Material	XX	Plywood Partition
Asbestos	XX	Ceiling
Glass	XX	Windowpane, Wall
Water	XXX	Wet Wood
Brick	XXX	Wall
Marble	XXXX	Wall
Cement Concrete	XXXX	Floor, Wall
Bulletproof Glass	XXXX	Sentinel Cabin
Iron	XXXXX	Partition, Reinforced Concrete Wall

▼ Product view

