

## BLW-54MR

IEEE 802.11g Wireless Broadband Router



The BLW-54MR router incorporates the IEEE802.11g compliant 54Mbps wireless Access Control feature. It is shipped with the mounting kit, which enables installing the product onto the wall surface.



### Feature



#### ■ The IEEE802.11g Wireless LAN Access Point Functionality

The wireless LAN Access Point function of BLW-54MR is fully compliant with IEEE802.11g. Thus, it enables a high-speed data communication at a maximum rate of 54Mbps in the same 2.4GHz frequency range used for IEEE802.11b. You can easily upgrade to the speedy communication networking, and still maintain the existing 11Mbps wireless LAN environment.

#### ■ Wireless LAN Security Features

In addition to 64/128bit WEP (Wired Equivalent Privacy), the product supports the wireless LAN access control function, which blocks any unauthorized access to the LAN and WAN ports. The BLW-54MR supports the "hide SSID" feature, which makes the router invisible for external wireless devices. Also, the latest wireless security standard - WPA (Wi-Fi Protected Access) is supported.

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

The product's UPnP (Universal Plug and Play) feature eases configuration tasks that are required to use network applications. The product supports various functions of Windows Messenger (a UPnP-ready application) .

#### ■ VPN Packet Pass-Through

The product can pass through packets that are encoded between LAN and WAN via a VPN gateway device. The router's support for IPsec/ PP TP/L2TP VNP protocols enables the construction of a router-based VPN network.

#### ■ Firewall with SPI (Stateful Packet Inspection)

SPI verifies the consistency of packets for each communication session. Since it blocks all ports upon the completion of a session, the technology implements a truly "hole-less" firewall. Furthermore, SPI blocks communication as soon as it detects an unauthorized access from the Internet (WAN side). Detected attacks can be saved in a log, and sent out in the form of E-mail.

#### ■ Built-in 4-port Switch automatically detects cable type

The router's internal 4-port Switch with 10/100Base auto-detection function serves as an interface to network devices on the

LAN side. The support of Auto-MDI/MDI-X enables automatic straight/crossover cable type detection, so you can attach PC's or cascade hubs to the switch without worrying about the type of the cable you are using.

■ **Web-based configuration**

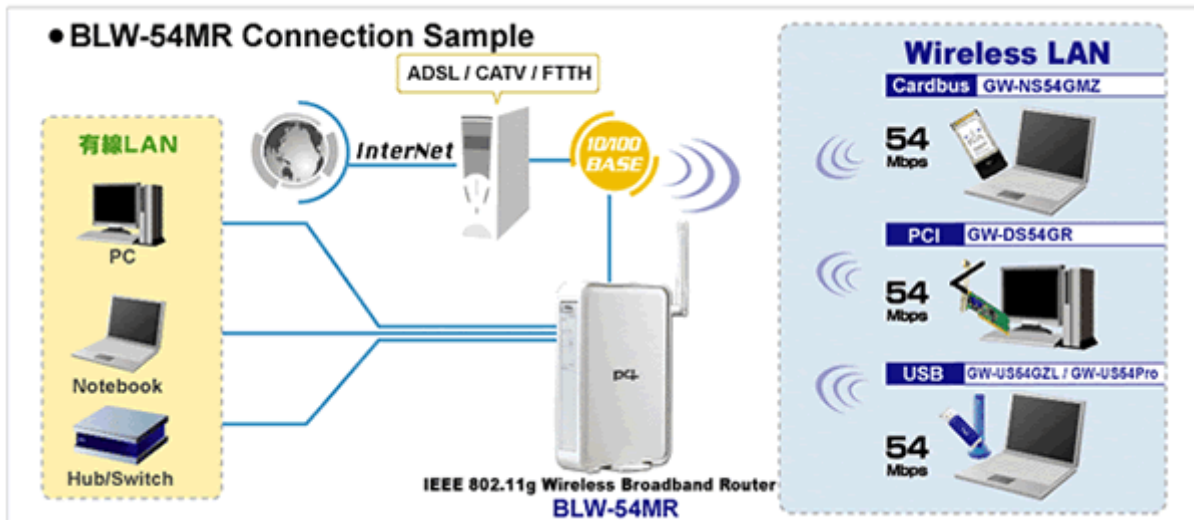
The router can be easily configured via a standard Web browser. Moreover, the password-protected configuration screen prevents unauthorized access from outsiders.

■ **Firmware upgrade via the Web-based configuration screen**

The system functions of the product are stored in its on-board flash memory. You can download the latest version of its firmware from our web site and then upgrade the existing firmware using a standard Web browser.

■ **Multi-FTP via Virtual Server**

▶ **Connection Sample**



▶ **Specification**

<b>Model Number</b>	<b>BLW-54MR</b>
<b>LED</b>	Power, Status, LAN Link/Act, LAN 100M, WAN, Wireless
<b>Maximum Power Consumption</b>	5.5W Max
<b>Power Input</b>	DC 12V, 800mA
<b>Standard Conformance</b>	IEEE802.11b/IEEE802.11g
	ARIB( Japan ) /FCC( North America ) /ETSI ( Europe )
	LAN:IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX WAN:IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX

<b>Data Transfer Speed</b>	IEEE802.11b:11/5.5/2/1Mbps IEEE802.11g:54/48/36/24/18/12/9/6Mbps
<b>Data Transfer Methods</b>	IEEE802.11g:OFDM (Orthogonal Frequency Division Multiplexing) IEEE802.11b:DSSS((Direct Sequence Spread Spectrum)
<b>Frequency Range</b>	2.400-2.497GHz( Japan Band) 2.400-2.483GHz( North America , Europe Band) 2.455-2.475GHz(Spand Band) 2.446-2.483GHz( France Band)
<b>Security Features</b>	WEP : 64/128bit
	WPA : Support
	WPA2 : Support
	Wireless LAN Access Control : wireless client-to-LAN, wireless client-to-WAN
	ESSID-Stealth : Support
<b>Communication Range</b>	Indoor: 100m (line-of-sight distance) *May vary with actual environmental conditions.
<b>Antenna Type</b>	Dipole Antenna
<b>Data Transfer Rate</b>	10/100Mbps (Auto-negotiation)
<b>Number of ports</b>	WAN Port : 10/100BASE-TX Auto-sensing x 1(RJ-45 connector)
	LAN Port : 10/100BASE-TX Auto-sensing x 4(RJ-45 connector), AutoMDI/MDI
<b>Support ed WAN Connections</b>	ADSL, FTTH, CATV, leased lines, etc.
<b>Support ed Protocol</b>	IP
<b>Address Translation</b>	NAT/IP Masquerading(NAPT: up to 2000 concurrent sessions)
<b>DHCP Server</b>	Support s up to 253 addresses (LAN side only), (can be disabled, static IP configuration supported)
<b>DHCP Client</b>	Acquires an IP address from ISP (can be disabled)
<b>PP PoE</b>	Support s 1 session Monitoring/Automatic Connection, Keep Alive, Monitoring/Automatic Disconnection
<b>PP PoE unnumbered</b>	Support
<b>Routing Protocols</b>	Static, Dynamic(RIPv1)
<b>Local Server</b>	Forwards packet to specific PC's on the LAN based on TCP/UDP port
<b>Virtual Computer (DMZ)</b>	Forwards packets from WAN to specific host on the LAN

<b>UPnP</b>	Support (Internet Gateway Device 1.0 compliant)
<b>Dynamic DNS</b>	Support ed services: DynDNS.org / DtDNS.com
<b>Access Control</b>	Parameters: Direction OUT(LAN-to-WAN), protocol, port number specified schedule(day and time), client group control
<b>URL Filtering</b>	Support
<b>Firewall</b>	SPI(Stateful Packet Inspection),DoS Attack Protection
<b>VPN Pass Through</b>	PPTP, L2TP, IPsec
<b>Configuration Interface</b>	Web browser (Internet Explorer5.5 or later, Netscape Navigator6.1 or later)
<b>Log Management</b>	addresses, or transmitted to a preconfigured syslog server
<b>Firmware Upgrade</b>	Upgrade Flash ROM (upgraded via a Web browser))
<b>OS</b>	*Windows 98SE/Me/2000/XP 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 OS, etc.)
<b>Network Cables</b>	The product supports the following Network Cables *Twisted-pair cable (Required quantity: the number of PCs attached to the product)
<b>ADSL/Cable Modem</b>	The product supports the following ADSL/Cable Modems *External ADSL modem with an RJ-45(LAN) port *External cable modem with an RJ-45(LAN) port
<b>Dimension</b>	34(W)×160(H)×102(D)mm
<b>Weight</b>	255g
<b>EMI</b>	CE, FCC Class B, DGT, TELEC, VCCI Class B