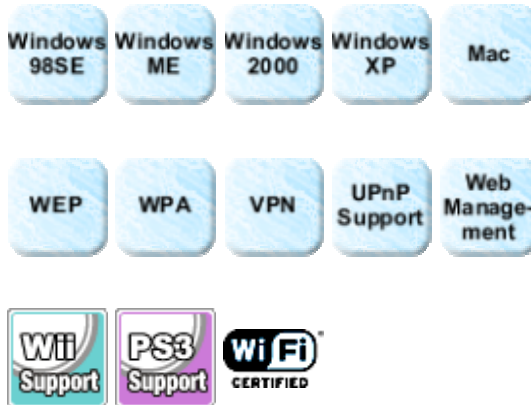


BLW-54PM IEEE 802.11g Wireless Broadband Router



Specification

Model Number	BLW-54PM	
Chipset	Marvell	
LED	Power, Status, LAN Link/Act, LAN 100M, WAN, Wireless	
Maximum Power Consumption	5.5W Max	
Power Input	DC 12V, 800mA	
Standard Conformance	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	
Data Transfer Speed	IEEE802.11b:11/5.5/2/1Mbps IEEE802.11g:54/48/36/24/18/12/9/6Mbps	
Data Transfer Methods	IEEE802.11g:OFDM (Orthogonal Frequency Division Multiplexing) IEEE802.11b:DS-SS((Direct Sequence Spread Spectrum)	
Frequency Range	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)	
Security Features	WEP	64/128bit
	WPA	Support
	Wireless LAN Access Control	wireless client-to-LAN, wireless client-to-WAN

	ESS-ID-Stealth	Support
Communication Range		Indoor: 100m (line-of-sight distance) *May vary with actual environmental conditions.
Antenna Type		Dipole Antenna
Data Transfer Rate		10/100Mbps (Auto-negotiation)
Number of ports	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
Supported WAN Connections		ADSL, FTTH, CATV, leased lines, etc.
Supported Protocol		IP
Address Translation		NAT/IP Masquerading(NAPT: up to 2000 concurrent sessions)
DHCP Server		Supports up to 253 addresses (LAN side only), (can be disabled, static IP configuration supported)
DHCP Client		Acquires an IP address from ISP (can be disabled)
PPPoE		Supports 1 session Monitoring/Automatic Connection, Keep Alive, Monitoring/Automatic Disconnection
PPPoE unnumbered		Support
Routing Protocols		Static, Dynamic(RIPv1)
Local Server		Forwards packet to specific PC's on the LAN based on TCP/UDP port
Virtual Computer (DMZ)		Forwards packets from WAN to specific host on the LAN
UPnP		Support(Internet Gateway Device 1.0 compliant)
Dynamic DNS		Supported services: DynDNS.org / DtDNS.com
Access Control		Parameters: Direction OUT(LAN-to-WAN), protocol, port number specified schedule(day and time), client group control
URL Filtering		Support
Firewall		SPI(Stateful Packet Inspection),DoS Attack Protection
VPN Pass Through		PPTP, L2TP, IPsec
Configuration Interface		Web browser (Internet Explorer5.5 or later, Netscape Navigator6.1 or later)
Log Management		addresses, or transmitted to a preconfigured syslog server
Firmware Upgrade		Upgrade Flash ROM (upgraded via a Web browser))

New Function	Auto-link, Booster mode
Supported OS	*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.)
Network Cables	The product supports the following Network Cables *Twisted-pair cable (Required quantity: the number of PCs attached to the product)
ADSL/Cable Modem	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
EMI	CE, FCC Class B, DGT, TELEC, VCCI Class B

Product View

Ease and Secure Setup - Auto link™



Any Marvell-based AP/Router



Any Marvell-based Client

Auto link™ in Action



**1. Set your Password
(Password only confirmation only for 1st User)**



2. Watch it do Auto Configuration

3. Done! Connected with WPA



Booster Mode

1. Higher close range 54Mbps performance - 32 Mbps throughput vs. 23 Mbps at close range
2. Longer 54Mbps range- 2x better than competitors

Battery Life - Power Step

1. Goal: Optimize both TX rate and TX power as function of distance
2. Reduce Transmit power by 20-25%

