

JBR454W(C)



IEEE802.11g Wireless AP Router

This Wireless Broadband Router is a cost-effective IP Sharing Router that enables multiple users to share the Internet through an ADSL or cable modem. The Wireless Broadband Router is embedded with a IEEE 802.11g/b access point that allows you to build up a wireless LAN. With the support of new emerged 802.11g standard, the access point provides data transfer of up to 54Mbps, up to 5 times faster than 802.11b, it is backwards compatible with existing 802.11b infrastructure while migrating to the new screaming fast 802.11g.

Key Features

- Complies with IEEE 802.11b and 802.11g standard for 2.4GHz Wireless LAN
- Capable of up to 128-Bit WEP, WPA, WPA2.
- One 10/100M auto-sense WAN port, which could be connected with all kinds of Internet access equipments (xDSL/Cable Modem, Hub, Switch, etc)
- Built-in 4- port 100 Base-TX Fast Ethernet Switch
- Supports various Internet connecting modes: PPPoE, DHCP Client and static IP
- Supports UPnP, Windows XP can discover the device in the network automatically
- NAT (Network Address Transfer) technology not only provides Internet access sharing, but also protects internal sources
- Supports Proxy DNS
- Supports WDS
- WAN interface supports DHCP client capability
- LAN interface supports DHCP Server, and facilitates fast configuration of the LAN PCs and Internet access
- Supports VPN pass through PPTP
- All ports support Auto MDI/MDIX
- Supports one software upgrading modes: local upgrading mode based on local File system

Specification:

Chip: 88W8510H+88W8010+88E6060
Standards: IEEE 802.11b, IEEE 802.11g, IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
Network Media: 10BASE –T: UTP Cat. 3 or up, 100BASE-TX: UTP Cat. 5 or up
Antenna Type: SMA type Omni Antenna (2db)
Wireless Frequency Range: 2.412GHz-2.4835GHz



<p>Wireless Signal Rates (With automatic fallback) 802.11b(11Mbps,9Mbps, 6Mbps, 5, 5Mbps, 2Mbps, 1Mbps) 801.11g(54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps)</p>
<p>Wireless Transmit Output Power: 54Mbps OFDM:15dBm +/- 2dBm; 11Mbps CCK: 16dBm-18dBm</p>
<p>Modulation: 11g: Orthogonal Frequency Division Multiplexing (OFDM) 54Mbps/48Mbps:QAM-64 36Mbps/24Mbps:QAM-16 18Mbps/12Mbps:QPSK 9Mbps/6Mbps:BPSK 11b: Direct Sequence Spread Spectrum(DSSS) 11Mbps/5.5Mbps:CCK 2Mbps:DQPSK 1Mbps:DBPSk</p>
<p>Number of Selectable Channels: USA,Canada(FCC): 11 channels(2.412GHz-2.462GHz) Europe(CE): 13 channels (2.412GHz-2.472GHz) Japan: 14 channels (2.412GHz-2.4835GHz)</p>
<p>Modulation Technique: 802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK) 802.11g: Orthogonal frequency division multiplexing</p>
<p>Security: Hardware-Based Encryption/Decryption Using 64-,128-bit Wired-Equivalent Privacy (WEP) keys, WPA and WPA2 are also supported.</p>
<p>Range: indoors: up to 100meters; Outdoors: up to 300meters</p>
<p>User Interface: Management interface based on web browser</p>
<p>NAT Table Entries: 10000</p>
<p>Interface Speed: WAN: 10/100Mbps self adaption, LAN: 10/100Mbps self adaption</p>
<p>LED Indicators: Link/Activity, Wireless Transmit, CPU, Power</p>
<p>Power: DC 9V, 1000mA, 9W</p>
<p>Dimension: 155mm(L) x 97mm(W) x 29.5mm(H)</p>
<p>Weight: 200g</p>
<p>Temperature: 0° to 50° C (operating), -20° to 70° C (storage)</p>
<p>Humidity: 5% to 90 % non-condensing (operating), 5% to 90% non-condensing (storage)</p>
<p>Certifications: FCC Part 15 Class B, CE Mark</p>

Ordering information

MODEL	DESCRIPTION
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