



## RP-WR5441HB

### Wireless-N 4-P High-Power AP Router, 1T1R

The Wireless LAN Broadband Router is compatible to IEEE 802.11b/g with 802.11n specifications of wireless LAN broadband router solution; setting SOHO and enterprise standard for high performance, secured, manageable and reliable WLAN. This document describes the steps required for the initial IP address assign and other WLAN router configuration. The description includes the implementation of the above steps.

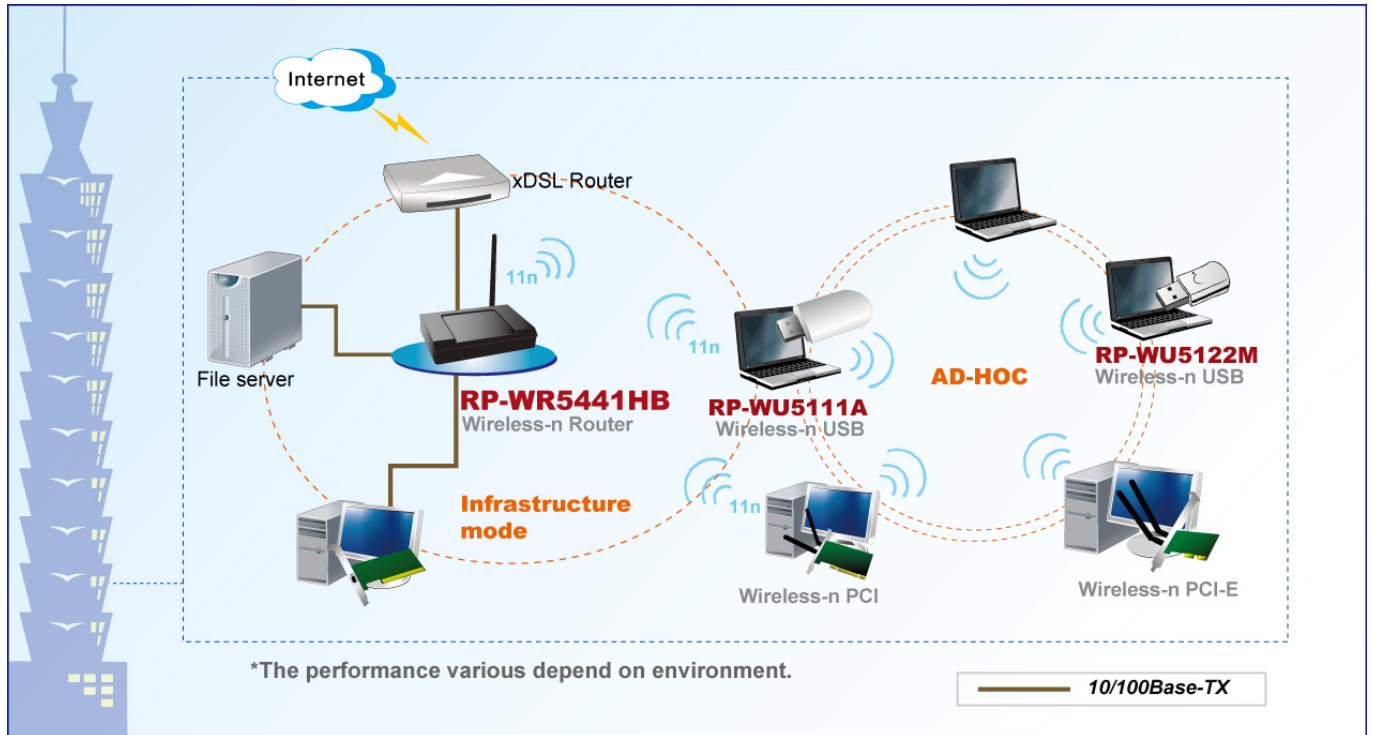
## Feature

- 2.4GHz IEEE 802.11n
- Complies with IEEE 802.11b/g
- Data-rate up to 150Mbps
- High power and High sensitivity
- Wide coverage
- RF output power adjustable
- Firewall, URL/IP/Port/MAC filtering
- Firmware upgrade via HTTP
- Support Gateway, Bridge and WISP mode
- Multiple ESSID
- QoS enhancement-WMM
- TCP/UDP/ICMP/ARP protocol stack
- Virtual DMZ, Port forwarding
- Easy setup wizard
- Web-based utility
- Support 12V Passive PoE onboard

## Specification

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11b, IEEE 802.11g, IEEE 802.11n</li> <li>• IEEE 802.3 and 802.3u 10/100 Mbps</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 4* RJ-45 10/100Mbps LAN Port (LAN1 passive PoE in, LAN4 passive PoE out)</li> <li>• 1* RJ-45 WAN Port (Passive PoE in)</li> <li>• Reset Button</li> <li>• WPS Button</li> </ul>
<b>Antenna</b>	<ul style="list-style-type: none"> <li>• One detachable 5dBi antennas</li> </ul>
<b>Frequency Band</b>	<ul style="list-style-type: none"> <li>• 2.400GHz ~ 2.484GHz</li> </ul>
<b>Access Protocol</b>	<ul style="list-style-type: none"> <li>• CSMA/CA</li> </ul>
<b>Modulation types</b>	<ul style="list-style-type: none"> <li>• DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM</li> </ul>
<b>Data Rates</b>	<ul style="list-style-type: none"> <li>• 802.11b: up to 11Mbps</li> <li>• 802.11g: up to 54Mbps</li> <li>• 802.11n: up to 150Mbps</li> </ul>
<b>Output Power</b>	<ul style="list-style-type: none"> <li>• 802.11b: up to 28 ± 1dBm</li> <li>• 802.11g: up to 26 ± 1dBm</li> <li>• 802.11n: up to 26 ± 1dBm</li> </ul>
<b>Receive sensitivity</b>	<ul style="list-style-type: none"> <li>• -96dBm @ 802.11b</li> <li>• -91dBm @ 802.11g</li> <li>• -91dBm @ 802.11n</li> </ul>
<b>Operation mode</b>	<ul style="list-style-type: none"> <li>• AP, Client, WDS, AP+WDS, Gateway, Bridge, Wireless ISP</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• WEP: WEP(64/128bit),</li> <li>• WPA/ WPA2: TKIP / AES, WPS</li> </ul>
<b>Management Features</b>	<ul style="list-style-type: none"> <li>• Firmware upgrade via HTTP</li> <li>• WAN and LAN side connection statistics</li> <li>• Configuration of NAT / NAPT</li> <li>• Selection of Bridge or Router Mode</li> <li>• PPP user ID and password</li> </ul>
<b>Router Features</b>	<ul style="list-style-type: none"> <li>• DHCP Server and Client</li> <li>• NAPT (Network Address and Port Translation)</li> <li>• ICMP (Internet Control Message Protocol)</li> <li>• DDNS (Dynamic Domain Name Service)</li> </ul>
<b>Ethernet Features</b>	<ul style="list-style-type: none"> <li>• Compliant with IEEE 802.3 and 802.3u 10/100 Mbps</li> <li>• All Ethernet ports support auto-crossover (MDI/MDI-X)</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• External power adapter DC12V 1A</li> <li>• 12V Passive PoE onboard</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: -20°C ~ 60°C</li> <li>• Operating Humidity: 10%~90% (Non-Condensing)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 147 * 98 * 30 mm</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## Application



## Ordering information

**RP-WR5441HB** Wireless-N/b/g 4-P High-Power 28dBm AP Router, 1T1R, with 5dBi antenna