

WR5502

802.11n/b/g Wireless Broadband Router

◆ Description

The **WR5502** is a draft 802.11n/b/g compliant Wireless Broadband Router with 4-port Fast Ethernet Switch. With the advanced MIMO technology, it can support the data transmission rate 6 times more (up to 300Mbps) and the coverage 3 times more than IEEE 802.11b/g devices. **WR5502** Router enables your whole network sharing a high-speed cable or DSL Internet connection. The incredible speed of **WR5502** Router makes it ideal for media-centric applications like streaming video, gaming, and Voice over IP technology, ensure optimum performance and maximum coverage with three external antennas. With **WR5502** Router, you can share a high-speed Internet connection, files, printers, and multi-player games at incredible speeds, without the hassle of stringing wires. **WR5502** Router offers easy configuration for your wireless network in the home and presents wireless network to you home of high functionality, security, and flexibility.

◆ Features

- Support the IEEE 802.11n/b/g standard, high speed data rate up to 300Mbps.
- Support WPS (Wi-Fi Protected Setup) with reset button.
- High security with build-in Security: WEP 64/128, WPA, WPA2, 802.1x and 802.11i
- Support Router, AP, WDS (Bridge + Repeater).
- Advanced Quality of Service (QoS) - 802.11e, WMM
- Easy configuration for home user setup.

Specification

Standards	IEEE 802.11 n/b/g standards compliant
Antenna	2 Dipole antennas(2dBi)
Security	WEP 64, 128 WPA, WPA2
Frequency Range	2.400 ~ 2.4835GHz (subject to local regulations)
Number of Selectable Channels	USA and Canada - 11 Most European countries - 13 Japan - 14
Data Rate	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: up to 300Mbps
Coverage Area	Indoor: up to 100M Outdoor: up to 300M
Transmit Power (EIRP)	802.11g : 14 +/- 1.5dBm @ normal temp 802.11b : 16 +/- 1.5dBm @ normal temp 802.11n : 14 +/- 1.5dBm @ normal temp
Receiver Sensitivity	11Mbps @ -86dBm 54Mbps @ -72dBm Typical 300Mbps @ -68dBm
Physical Specifications	Weight : 150g Dimension : 128(L)* 89(W)* 27(H) mm
Environment Specifications	Operating Temp : 0°C to 45 °C Storage Temp : -20 °C to 70 °C Operating Humidity : 10% to 90% Non-Condensing Storage Humidity : 5% to 90% Non-Condensing
Power Requirement	DC 12V/1A
Certifications:	FCC, CE
Warranty	12 months