



# WAP5502

## 802.11 b/g/n compliant Router

### Introduction

The **WAP5502** is a compact/Travel size IEEE802.11b/g/n Access Point with 1 Fast Ethernet port, which provides a powerful high-speed wireless connection for compatible wireless-enabled devices into the network with the freedom to roam. With web-based UI, this Access Point is easy to be setup and maintained. All functions can be configured within the easy and friendly user interface via web browser. Via the fast wireless network speed of 300Mbps, you can be very comfortable to have experience of high speed web surfing files downloading, online game playing, and video conference session and streaming high quality multimedia materials. The **WAP5502** provides WPA/WPA2, 64/128 bit WEP encryption and IEEE802.1x which ensures a high level of security to protect user data and privacy when you are traveling.

### Features

- 1 ports 10/100M Ethernet for LAN/WAN
- Clock rate up to 400MHz
- Two Transmit and Two Receive path(2T2R)
- IEEE802.11i (WPA,WPA2). Open, shared key.
- IEEE802.11e Qos Enhancement(WMM,WMM-SA client mode)
- Support WDS/WISP
- Support Multiple SSID
- Support DHCP Client/PPPoE/L2TP Client/PPTP Client
- Slide switch for easily change Router/client/AP mode

## Specification

<b>Standards</b>	<b>IEEE 802.11 b/g/n standards compliant</b>
<b>Antenna</b>	<b>internal antenna</b>
<b>Frequency Range</b>	<b>802.11 n/b/g USA (FCC): 2.412GHz ~ 2.462GHz Europe (ETSI): 2.412GHz ~ 2.472 GHz Japan (TELEC): 2.412GHz ~ 2.483GHz</b>
<b>Number of Selectable Channels</b>	<b>802.11n 20MHz/40MHz ; 802.11b/g USA (FCC) 11 channels; EU (ETSI) 13 channels; Japan (TELEC) 13 channels</b>
<b>Data Rate</b>	<b>802.11n: up to 300Mbps 802.11b: 1, 2, 5,5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps</b>
<b>Coverage Area</b>	<b>Up to 6 times faster then existing 802.11 b/g products</b>
<b>Transmit Power(EIRP)</b>	<b>11n HT40 MCS7 : +13.5dBm 11b CCK: +17.5dBm 11g OFDM: +13.5dBm</b>
<b>Receiver Sensitivity</b>	<b>-66dBm at HT40 MCS7 -73dBm at 54Mbps -86dBm at 11Mbps</b>
<b>Power Requirement</b>	<b>DC 5V/1A</b>
<b>Dimension</b>	<b>75mm(L)*54mm(W)*18.5mm(H)</b>
<b>Certifications</b>	<b>FCC/CE</b>