



## RP-WA6048

### Wireless-a/b/g Wide-Coverage AP/Router

RP-WA6048 is the 802.11a/b/g multi-function AP/Router which is design to operate in 5GHz or 2.4GHz spectrum. It features firmware with dual SSID that make it suitable for home, office, school, hospital and hotel. For example, one SSID for private use and the other SSID for public use. Also, it can act as AP+CPE, one SSID as Client to connect the WISP base-station and the other SSID as AP to broadcast the wireless signal.

RP-WA6048 build-in the one WAN and one LAN, which allow user to share the internet by connect to the ADSL modem. With the high-performance WEP, WPA, WPA2 and radius pass through can give user confidently and securely access the internet and share the connection.

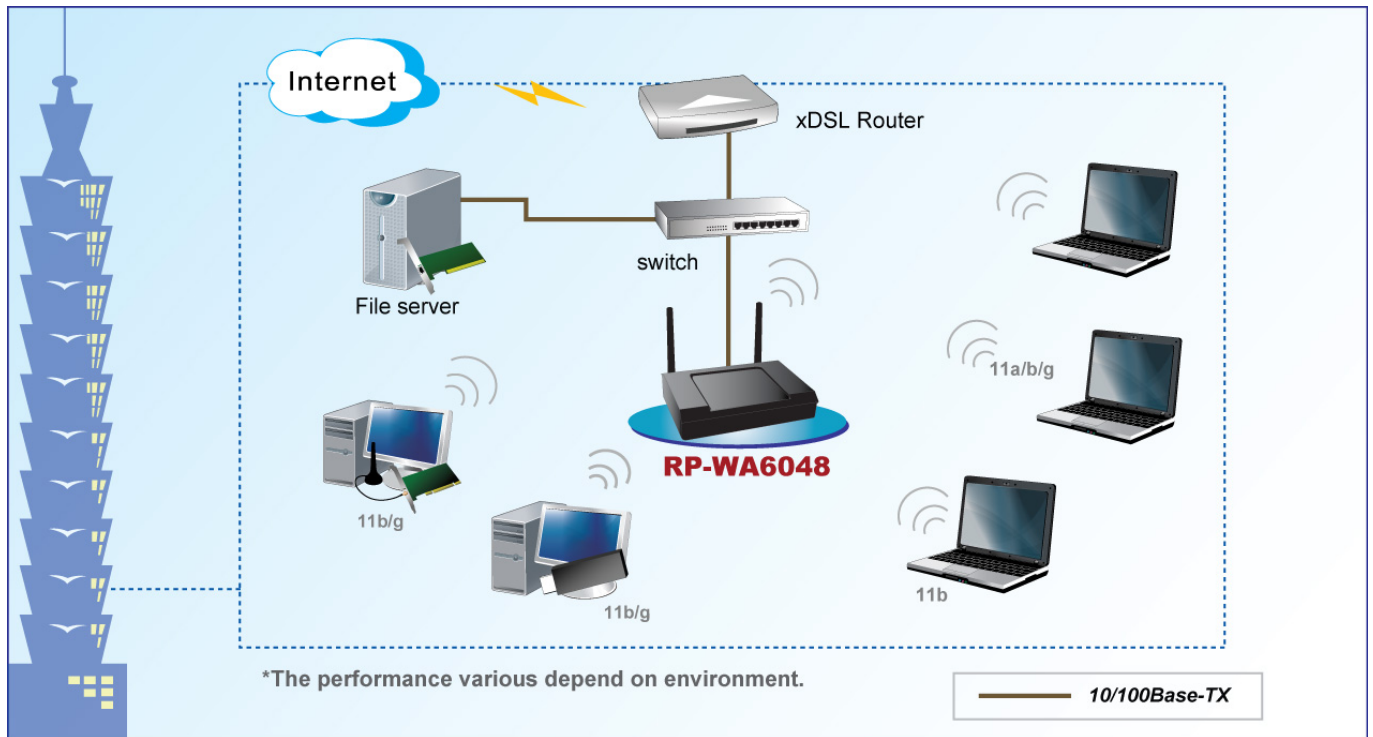
### Feature

- Compatible with 802.11a, 802.11b and 802.11g
- Wireless link speeds up to 54Mbps
- MAC address Filtering and enhanced 128-bit WEP Encryption
- Web-based management and easy setup wizard
- Provide High performance universal wireless network connectivity
- Ideal for multi-media data transmission with high speed wireless performance
- Easy and fast installation and setup
- Supports AP / Router / Client / WISP/ WDS Bridge

## Specification

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11a/b/g, IEEE 802.3, IEEE 802.1x</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 1* RJ45 PoE LAN Port</li> <li>• 1* RJ45 PoE WAN Port</li> </ul>
<b>Antenna</b>	<ul style="list-style-type: none"> <li>• 2* Dual Band detachable Antenna</li> </ul>
<b>Flash</b>	<ul style="list-style-type: none"> <li>• 8MB</li> </ul>
<b>RAM</b>	<ul style="list-style-type: none"> <li>• 32MB</li> </ul>
<b>Data Rates</b>	<ul style="list-style-type: none"> <li>• 802.11b: 1, 2, 5.5 and 11Mbps</li> <li>• 802.11g/a: 6, 9, 12, 18, 24, 36, 48, and 54Mbps</li> </ul>
<b>Output Power</b>	<ul style="list-style-type: none"> <li>• 802.11a: 500mW</li> <li>• 802.11bg: 1000mW</li> </ul>
<b>Receiver Sensitivity</b>	<ul style="list-style-type: none"> <li>• 802.11a: -94dBm @6Mbps; -74dBm @54Mbps</li> <li>• 802.11b: -97dBm @1Mbps; -92dBm @11Mbps</li> <li>• 802.11g: -94dBm @6Mbps; -74dBm @54Mbps</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• 64/128-bit WEP, WPA(TKIP with IEEE 802.1x), WPA2, AES/ WPA RADIUS</li> </ul>
<b>Operation Mode</b>	<ul style="list-style-type: none"> <li>• AP / Router / Client / WISP/ WDS Bridge</li> </ul>
<b>Broadband Support</b>	<ul style="list-style-type: none"> <li>• DHCP server / DHCP Client / Static IP / PPPoE / Big Pond</li> </ul>
<b>Channel</b>	<ul style="list-style-type: none"> <li>• 802.11a <ul style="list-style-type: none"> <li>5.15~5.25GHz (lower band for US, Canada, Japan)</li> <li>5.25~5.35GHz (middle band for US, Canada)</li> <li>5.725~5.825GHz (upper band for US, Canada)</li> <li>5.50~5.70GHz (for Europe)</li> </ul> </li> <li>• 802.11g <ul style="list-style-type: none"> <li>2400 ~ 2483.5 MHz (for US, Canada)</li> <li>2400 ~ 2483.5 MHz (for ETSI, Japan)</li> </ul> </li> <li>• 802.11b <ul style="list-style-type: none"> <li>2400 ~ 2483.5 MHz (for US, Canada)</li> <li>2400 ~ 2483.5 MHz (for ETSI)</li> <li>2400 ~ 2484 MHz (For Japan)</li> </ul> </li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>• Site Survey with RSSI Signal Survey</li> <li>• Bandwidth Control</li> <li>• SNMP v1/v2 support</li> <li>• Support adjustable output power</li> <li>• Distance Adjustment</li> <li>• WEP over WDS support</li> <li>• Radius Supported</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• External power Adapter DC 12V 1A</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: -10~70°C</li> <li>• Operating Humidity: 10 ~ 90% RH (Non-Condensing)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 147 * 98 *30mm</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## Application



## Ordering information

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