

## RP-WAC5422S

### Wireless-N Outdoor AP/ CPE

As a reliable outdoors AP/CPE solution, RP-WAC5422S utilizes advanced Atheros extended Range technology. It operates in 2.4GHz band compliant with 802.11N/b/g standard and with advance features for outdoor application. The device supports smart software features (RSSI /ACK) that optimize bandwidth in transmission and receive on long-ranged operation . It supports 4 operation modes of AP, Client, WISP, WDS Bridge (up to 8 WDS maximum), and SNMP v1 & v2c network management for WISP.

The data transmission rate that RP-WAC5422S supports is up to 300Mbps in 11n mode, and it is the most suitable for Enterprises or off-site locations in request of LAN or Internet access without cabling issues for wired cabling. It also support passive PoE and that makes installation easy without any environmental limitation.



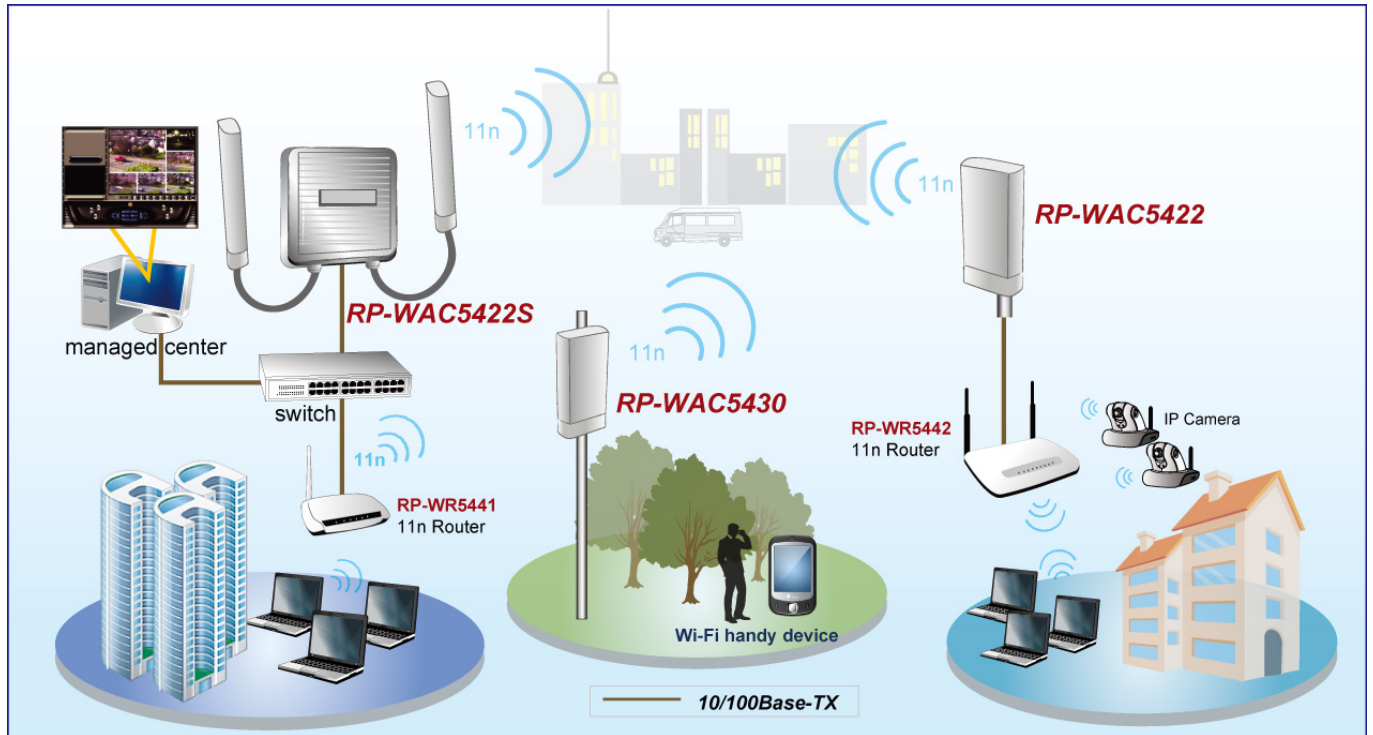
### Features

- Complies with IEEE 802.11n standard
- Support 64-bit and 128-bit WEP, WPA, WPA2, encryption/decryption and WPA with Radius
- Support Wireless WAN for client mode to connect to the Base-Station and NAT for Ethernet to Computer or Switch
- Support UPnP for automatic Internet access and Dynamic DNS service
- Supports firmware upgrade function via Web
- Power over Ethernet design
- Web base configuration
- With external 2\*N type antenna connector
- Operation Mode: AP, Client, WISP, WDS Bridge
- Weather proof IP67 case against rugged environment

## Specifications

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11n, IEEE 802.11g, IEEE 802.11b,</li> <li>• IEEE 802.3, IEEE 802.1x</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 1* 10/100Mbps WAN Port (RJ-45)</li> <li>• 1* 10/100Mbps PoE LAN Port (RJ-45)</li> <li>• 2* N type antenna connector</li> </ul>
<b>Frequency Band</b>	<ul style="list-style-type: none"> <li>• 2.400GHz ~ 2.484GHz</li> </ul>
<b>Output Power</b>	<ul style="list-style-type: none"> <li>• 802.11b: 29dBm ± 1.5dBm</li> <li>• 802.11g: 28dBm ± 1.5dBm</li> <li>• 802.11n: 25dBm ± 1.5dBm</li> </ul>
<b>Receive Sensitivity</b>	<ul style="list-style-type: none"> <li>• -90dBm @ 11Mbps</li> <li>• -75dBm @ 54Mbps</li> <li>• -71dBm @ MCS7(20Mhz)</li> <li>• -69dBm @ MCS7(40Mhz)</li> </ul>
<b>Data Rate</b>	<ul style="list-style-type: none"> <li>• 802.11n ( 40MHz ): up to 300Mbps</li> <li>• 802.11n ( 20MHz ): up to 144Mbps</li> <li>• 802.11g: 54,48,36,24,18,12,9,6Mbps</li> <li>• 802.11b: 11,5.5,2,1Mbps</li> </ul>
<b>Channel</b>	<ul style="list-style-type: none"> <li>• 2.412~2.462GHz (Canada, FCC) -11 Channels</li> <li>• 2.412~2.484GHz (Japan, TELEC) -14 Channels</li> <li>• 2.412~2.472GHz (Euro, ETSI) -13 Channels</li> </ul>
<b>Wireless Mode</b>	<ul style="list-style-type: none"> <li>• AP, Router, Client, WISP,</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• NAT Firewall with SPI</li> <li>• Access Control</li> <li>• MAC filter</li> <li>• DMZ Host</li> <li>• SSID Broadcast disable</li> <li>• Wireless MAC address Filtering</li> <li>• WEP 64-/128-Bit Encryption</li> <li>• WPA-/W PA2-PSK (Pre-shared Key)</li> <li>• WPA/W PA2 Enterprise mode (802.1x)</li> <li>• WiFi Protected Setup (WPS)</li> </ul>
<b>Software feature</b>	<ul style="list-style-type: none"> <li>• Site Survey</li> <li>• SNMP v1/v2 support</li> <li>• adjustable output power</li> <li>• Distance Adjustment</li> <li>• Radius (802.1x)</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>• Web-base management interface</li> <li>• Remote management</li> <li>• SNTP time synchronize</li> </ul>
<b>Mounting</b>	<ul style="list-style-type: none"> <li>• metal mounting kit</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 282 * 192 * 45mm</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• DC48V 500mA PoE injector Adapter</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: -20 ~70°C</li> <li>• Operating Humidity: 0~90% (Non-Condensing)</li> </ul>

## Application



## Ordering information

**RP-WAC5422S** Wireless-N Outdoor AP/ CPE

**REPOTEC CO., LTD.**

3F., No.258, Liancheng Rd., Zhonghe District., New Taipei City 235, Taiwan

TEL: 886-2-8227-1888 FAX: 886-2-8227-1818