

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.



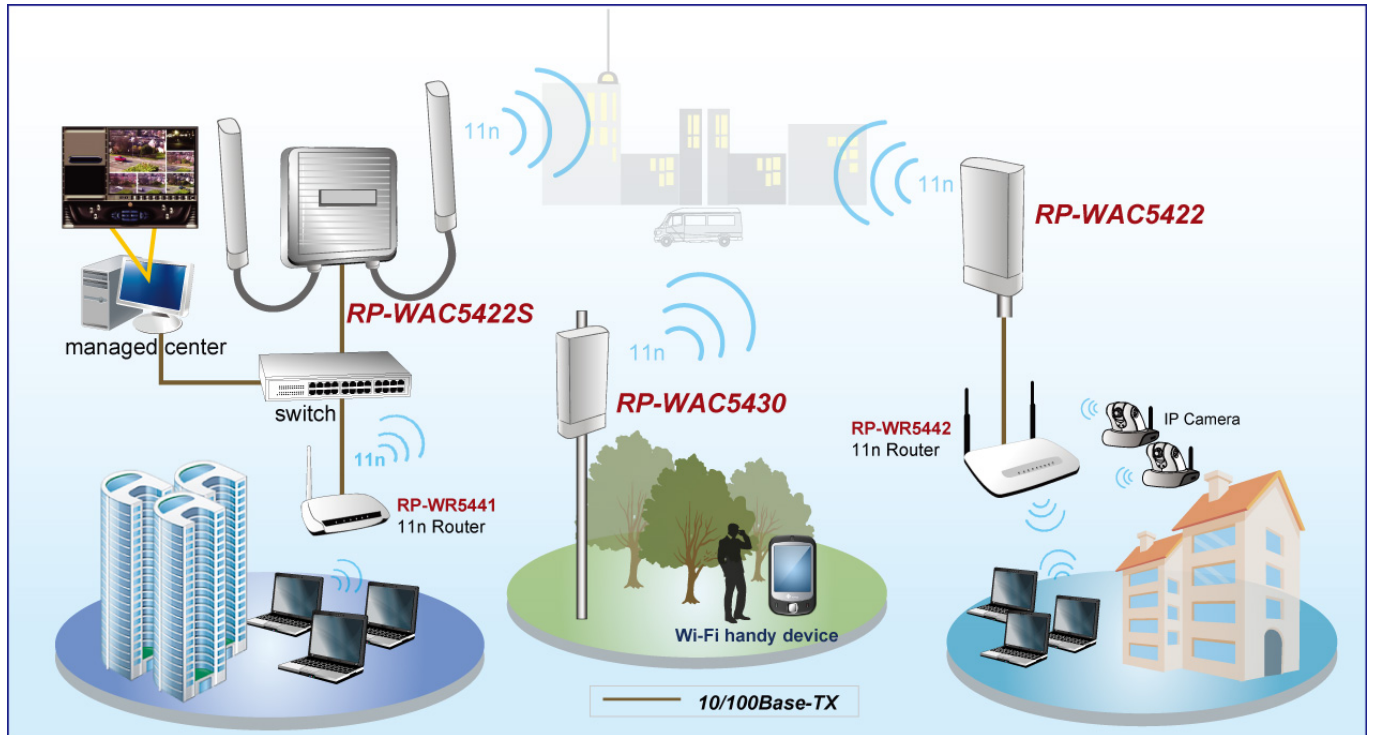
Feature

- 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

Specification

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

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