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כומפניקס תקשורת ואלקטרוניקה בע"מ

רח' צבי ברגמן 8, סגולה, פתח-תקווה

טל: 03-9049004 פקס: 03-9344497

ח.פ. 512109968

מספר ספק משרד הביטחון: 83524121

**MODEL NUMBER: 18079**

## **RP-WAC5422-IL**

### **Wireless-N Outdoor AP/ CPE, Integrated 12dBi dual-polarity antenna**



RP-WAC5422 is the outdoor High-Power WISP AP/CPE which designed for connecting wireless communication devices together from the wireless ISP network. It's easy to use and to connecting wireless ISP network with integrated 12dBi dual-polarity antenna, which operates in the 2.4GHz band compliant with IEEE 802.11n Standard. RP-WAC5422 supports data transmission rate is up to 300Mbps in 11n mode. It is the best suited for Enterprises, or off-site locations in request of LAN or Internet access without cabling issues for wired cabling. RP-WAC5422 also support passive PoE allowing easy installation without any environment 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
- Integrated 12 dBi 2.4GHz panel antenna
- Operation Mode: AP, Client, WISP, WDS Bridge
- Weather proof IP67 case against rugged environment



## Specification

<b>Standards</b>	<ul style="list-style-type: none"> <li>IEEE 802.11n, IEEE 802.3, IEEE 802.1x</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>2* 10/100Mbps RJ45 Port</li> <li>Reset button</li> </ul>
<b>Antenna</b>	<ul style="list-style-type: none"> <li>Integrated 12dBi 2.4GHz Panel</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>802.11n: 20dBm</li> </ul>
<b>Receiver Sensitivity</b>	<ul style="list-style-type: none"> <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> </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>WPAW 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>Pole Mount</li> <li>Adjust Angle Mount (Option)</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>DC24V 750mA PoE Adapter</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>Operating Temperature: -20 ~70℃</li> <li>Operating Humidity: 0~90% (Non-Condensing)</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>FCC, CE</li> </ul>



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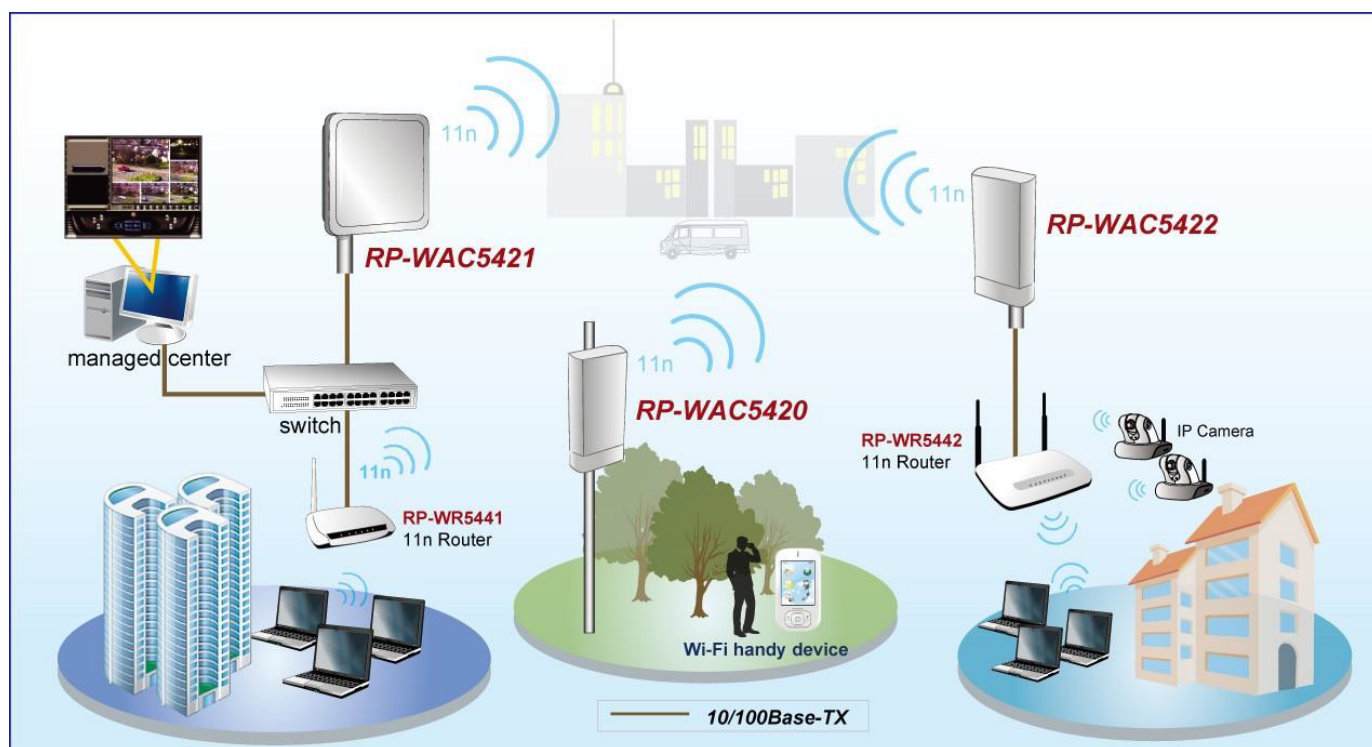
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## Application



## Ordering information

**RP-WAC5422** Wireless-N OutdoorAP/ CPE, integrated 12dBi dual-polarity antenna, w/ Passive PoE