

## RP-WAC5330

### **Wireless-A Outdoor AP/ CPE, Integrated 14dBi dual-polarity antenna**

RP-WAC5330 is an outdoor High-Power WISP AP/CPE designed for connecting wireless communication devices together from the wireless ISP network. Wireless ISP network with integrated 14dBi dual-polarity antenna, which operates in the 5GHz band IEEE 802.11a mode. The data transmission rate that RP-WAC5330 supports is up to 300Mbps in 40MHz 802.11n mode. It is the most suitable for Enterprises, or off-site locations in request of LAN or Internet access without cabling issues for wired cabling. RP-WAC5330 also supports passive PoE, and that makes installation easy without any environmental limitation. It's easy for installation and connecting.



### **Features**

- Complies with IEEE 802.11a 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 14dBi dual-polarity antenna
- Operation Mode: WISP, Bridge, Router and Ethernet adapter modes
- Weatherproof IP65 case against rugged environment
- Optional Adjustable L-Mounting kits

## Specifications

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11a</li> <li>• IEEE 802.3, IEEE 802.1x</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 2* 10/100Mbps RJ-45</li> <li>• Reset button</li> </ul>
<b>Antenna</b>	<ul style="list-style-type: none"> <li>• Integrated 14dBi dual-polarity Antenna</li> </ul>
<b>Frequency Band</b>	<ul style="list-style-type: none"> <li>• 5180 ~ 5825GHz</li> </ul>
<b>Output Power</b>	<ul style="list-style-type: none"> <li>• 802.11a: 29dBm ± 2dBm</li> <li>• 802.11n: 29dBm ± 2dBm</li> </ul>
<b>Receiver Sensitivity</b>	<ul style="list-style-type: none"> <li>• 802.11a: -73dBm @ 54Mbps</li> <li>• 802.11n: -71dBm @ MCS7(20Mhz) -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>• 802.11a: 54,48,36,24,18,12,9,6Mbps</li> </ul>
<b>Operation Mode</b>	<ul style="list-style-type: none"> <li>• AP, Router, WISP, Ethernet adapter</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>• 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°C</li> <li>• Operating Humidity: 0~90% (Non-Condensing)</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

