RP-WAC5422Q

Wireless-N Outdoor AP/ CPE

RP-WAC5422Q is a Wireless-N Outdoor AP/CPE designed for seamless wireless connectivity. As an outdoor High-Power WISP AP/CPE, it enables the connection of wireless communication devices within a wireless ISP network. With its user-friendly interface, the RP-WAC5422Q simplifies the process of connecting to a wireless ISP network using its Directional High-Gain 11dBi Panel Antenna. It operates in the 2.4GHz band, adhering to the IEEE 802.11n and IEEE 802.11b/g standards. In 11n mode, it supports data transmission rates of up to 300Mbps.

This device is particularly suitable for enterprises or off-site locations that require LAN or Internet access without the hassle of wired cabling. The RP-WAC5422Q supports passive PoE, allowing for easy installation without any environmental limitations. It boasts additional features such as 802.11n 300Mbps high-speed data rates, a choice of N female or RP-SMA female connectors for various antenna options, and comprehensive wireless security including WPA/WPA2 PSK and 802.1x.

RP-WAC5422Q offers versatile operation modes including AP, Client, WDS Bridge, and Multi-SSIDs, catering to different networking needs. It also supports UPnP for automatic Internet access and Dynamic DNS service for seamless connectivity. With a web-based configuration, firmware upgrade function via the web, and an integrated 10dBi 2.4GHz panel antenna, the RP-WAC5422Q delivers reliable performance. Its weatherproof IP65 case ensures durability in rugged environments, making it a robust choice for outdoor settings.

Features

- Wireless-N Outdoor AP/CPE for seamless connectivity
- High-Power WISP AP/CPE for wireless ISP networks
- User-friendly interface simplifies connection process
- Directional High-Gain 11dBi Panel Antenna
- Operates in 2.4GHz band, supports up to 300Mbps data rates
- Suitable for enterprises and off-site locations
- Supports passive PoE for easy installation

- Choice of N female or RP-SMA female connectors for antenna options
- Comprehensive wireless security (WPA/WPA2 PSK, 802.1x)
- Versatile operation modes: AP, Client, WDS Bridge, Multi-SSIDs
- Supports UPnP and Dynamic DNS for automatic Internet access
- Web-based configuration and firmware upgrade function
- Integrated 10dBi 2.4GHz panel antenna
- Weatherproof IP65 case for durability in outdoor settings

Specifications

Standards	- IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, - IEEE 802.3, IEEE 802.1x
Interface	2x 10/100Mbps RJ45 Port - Reset button
Antenna	Directional High-Gain 10dBi Panel Antenna
Frequency Band	2.400GHz ~ 2.484GHz
Flash/SDRAM	16 MB/ 128 MB
Data Rate	up to 300Mbps
Channel Width	20 / 40 Mbps
Wireless Mode	AP Bridge, Client Bridge, WDS Bridge
Security	- WPA - WPA2 WPA Mixed - VLAN
Software feature	- Site Survey - SNMP v1/v2 support - adjustable output power - Multi-SSID
Management	- Web-base management interface - SNTP time synchronize - SSH Telnet
Mounting	- Pole Mount - Adjust Angle Mount (Option)
LED Indicated	Signal, POE out, Wireless, LAN, USB, POE In
Dimension	L300 x W80 x D30mm
Power Supply	DC24V 500mA Passive PoE Adapter
Environment	- Operating Temperature: -30 ~60℃ - Storage Humidity: 10~90% (Non-Condensing)

	Data Rate	TX	RX
RF Specifications	MCS15	23	-73
	MCS14	24	-77
	MCS13	26	-78
	MCS12	28	-83
	MCS11	29	-86
	MCS10	29	-89
	MCS9	29	-92
	MCS8	29	-94
	MCS7	23	-73
	MCS6	24	-76
	MCS5	26	-82
	MCS4	28	-85
	MCS3	29	-89
	MCS2	29	-91
	MCS1	29	-94
	MCS0	29	-95
	11g 54M	5	-74
	11b 1M	29	-96

Ordering information

RP-WAC5422Q   802.11n Outdoor AP/CPE, integrated 10dBi antenna, w/ Passive PoE