

# 5.8GHz AC900 Long-range Outdoor Dual-band CPE

## NC-AP511

### Features:

- IEEE802.11ac Technology, 11AC 900Mbps for faster wireless transfer rates.
- 500mw high power and 14dBi MIMO high gain Antenna for better wireless coverage
- Support 24V passive PoE support
- Multi-wireless modes to expand the wireless network: Repeater, Gateway, AP and WISP, WDS
- Gigabit Ethernet WAN port
- Support Access Control System



### Description

NC-AP511 is a high power outdoor CPE and it is dedicated to long distance wireless network solutions, which is a revolutionary design with its features of conciseness, quality, and flexibility.

With 14dBi Antenna, high output power 500mw and high RX sensitivity can significantly extend the transmission range and deliver a more stable wireless connection in a long distance.

With PoE technology, providing a compact solution that fits nicely into a situation where electrical outlet is unavailable or hard to reach for specific areas.

NC-AP511 is compatible with 802.11b/g/n/ac devices and provides the wireless transfer speed up to 900Mbps, 11ac 900Mbps, it is more convenient for users to use.

## Specification

Wireless	
<b>Standards</b>	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE802.11ac
<b>Chipset</b>	RTL8197DN+RTL8812AR+RTL8211E
<b>Flash &amp; SDRAM</b>	8MB, 64MB DDR2
<b>Signal Rate</b>	Up to 900Mbps
<b>Frequency Range</b>	5.180~5.825GHz
<b>Transmit Power</b>	27dBm(MAX)
<b>Data Transfer Rates</b>	802.11ac: 80MHZ(867Mbps) 802.11n: 40MHz (300Mbps, 270Mbps, 240Mbps, 180Mbps, 120Mbps, 90Mbps, 60Mbps, 30Mbps) 20MHz (144Mbps, 130Mbps, 115Mbps, 86Mbps, 57Mbps, 43Mbps, 28Mbps, 14Mbps) (Auto-Sense) 801.11g: (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps) 802.11b: (11Mbps, 9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps)
<b>Wireless Modes</b>	Repeater, Gateway, AP, WISP, WDS
<b>Wireless Security</b>	64/128-bit WEP, WPA-PSK/WPA2-PSK (TKIP/AES) SSID Broadcast Enable/Disable Wireless MAC Filtering

Hardware	
<b>Standards</b>	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
<b>Interfaces</b>	1 * 10/100/1000M Auto MDI/MDIX RJ45 WAN port 1* 10/100M Auto MDI/MDIX RJ45 LAN port
<b>Buttons</b>	Reset
<b>Antenna</b>	Build in 14dBi MIMO Panel Antenna
<b>Power Supply</b>	Passive PoE 24V
<b>Dimensions (L x W x H )</b>	257x87x38 mm
<b>Weight</b>	660 g

## Software

<b>WAN Type</b>	DHCP(Dynamic IP), PPPoE, Static IP, WISP
<b>Port Forwarding</b>	Virtual Servers, Port Triggering, UPnP, DMZ, FTP Private Port
<b>QoS</b>	WMM, Bandwidth Control
<b>Access Control</b>	IP/MAC/Domain filtering
<b>VPN Pass-through</b>	PPTP, L2TP, IPSEC
<b>Others</b>	DDNS, Static Routing, WOL, Remote Management, Firmware upgrade

## Others

<b>Environment</b>	Operating Temperature: 0℃~40℃ Storage Temperature: -40℃~70℃ Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
<b>Package</b>	1 * AC900Mbps Wireless CPE 1 * Ethernet Cable 1* Wall mount accessory

**+ Diagram**

**AP Mode**



**Repeater**

