

# 300Mbps Outdoor High Power AP

## NC-AP211

### Features:

- Wireless N high speed (up to 300Mbps)
- Support 24V Power over Ethernet
- Power: 1000mW, Distance: 7KMs
- Internal 14dBi directional antenna
- Multi-wireless modes to expand the wireless network:  
Gateway, Repeater, Access Point, WISP, WDS
- Outdoor weatherproof and 4000V lightning/15KV ESD protection design



### Description

NC-AP211 is High Power Wireless outdoor AP, and it is dedicated to long distance wireless network solutions, which is a revolutionary design with its features of conciseness, quality, and flexibility. It features 14dBi internal directional Antenna, high output power 1000mw and high RX sensitivity can significantly extend the transmission range up to 7km to deliver a more stable wireless connection and reduce the expense of equipment.

NC-AP211 provides multiple - operation modes for users to build up network or access internet : Gateway, Repeater, Access Point. Featuring passive power over Ethernet function is easy to deploy.

With web-based utility, it can help you to build your wireless network in a snap.

## Specification

Wireless	
<b>Standards</b>	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
<b>Signal Rate</b>	Up to 300Mbps
<b>Frequency Range</b>	2.4-2.4835GHz
<b>Transmit Power</b>	1000mW
<b>Data Transfer Rates</b>	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>	Gateway, Repeater, Access Point, 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 * 10/100M Auto MDI/MDIX RJ45 LAN port 1* 10/100M Auto MDI/MDIX RJ45 WAN/LAN port
<b>LED Indicators</b>	PWR, WLAN,WAN, LAN, Signal Strength
<b>Buttons</b>	Reset
<b>Antenna</b>	Build –in 14dBi Antenna
<b>Power Supply</b>	12V/1A DC Jack or 24V/1A Passive POE
<b>Dimensions (L x W x H )</b>	257x87x38 mm
<b>Weight</b>	620 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>VLAN</b>	Support 802.1QVLAN
<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℃~55℃ Storage Temperature: -20℃~70℃ Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
<b>Package</b>	1 * 300Mbps Wireless AP 1 * Power Adapter 1 * Ethernet Cable

**+ Diagram**

**AP Mode**



## Repeater

