# 300Mbps 5.8G Outdoor High Power AP
## NC-AP214D

### ✚ Features:

➢ Wireless N high speed (up to 300Mbps)

➢ Support passive 24V/ 802.3af Power over Ethernet

➢ Power: 500mW

➢ External SMA Connector

➢ Multi-wireless modes to expand the wireless network: Gateway, Repeater, WISP, AP mode, WDS

➢ Support 802.1Q VLAN

➢ ESD Protection and Lighting protection support

### ✚ Description

NC-AP214D is an 5.8G High Power Wireless 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.It features high output power 500mw, high RX sensitivity and external SMA connector can significantly extend the transmission range with high gain SMA antenna to deliver a more stable wireless connection and reduce the expense of equipment.

NC-AP214D provides multiple - operation modes for users to buildup network or access internet :Station, Bridge, WDS, AP. Featuring support passive 24V/ 802.3af PoE function is easy to deploy.

With LED light show signal strength, easy to find a suitable place for outdoor CPE, save much human work and cost. With water proof case, it is best choice for outdoor wifi projects.

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

## Specification

| Wireless | |
|---|---|
| **Standards** | IEEE 802.11a, IEEE 802.11n |
| **Signal Rate** | Up to 300Mbps |
| **Frequency Range** | 5.180~5.825GHz |
| **Transmit Power** | 500mW |
| **Data Transfer Rates** | 802.11n:<br>40MHz(300Mbps, 270Mbps, 240Mbps, 180Mbps, 120Mbps, 90Mbps, 60Mbps, 30Mbps)<br>20MHz (144Mbps, 130Mbps, 115Mbps, 86Mbps, 57Mbps, 43Mbps, 28Mbps, 14Mbps) (Auto-Sense)<br>802.11a:<br>(11Mbps,9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps) |
| **Wireless Modes** | Gateway, Repeater, WDS, AP, WISP |
| **Wireless Security** | 64/128-bit WEP,<br>WPA-PSK/WPA2-PSK (TKIP/AES)<br>SSID Broadcast Enable/Disable<br>Wireless MAC Filtering |

| Hardware | |
|---|---|
| **Standards** | IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX |
| **Interfaces** | 1 * 10/100M Auto MDI/MDIX RJ45 LAN port<br>1* 10/100M Auto MDI/MDIX RJ45 WAN/LAN port |
| **LED Indicators** | PWR, WLAN,WAN, LAN, Signal Strength |
| **Buttons** | Reset |
| **Antenna** | External SMA Connector*2 |
| **Power Supply** | 12V/1A DC Jack /(24V/1A Passive or 802.3af PoE) |
| **Dimensions (L x W x H )** | 257x87x38 mm |
| **Weight** | 650 g |

| Software | |
|---|---|
| **WAN Type** | DHCP(Dynamic IP), PPPoE, Static IP, WISP |
| **Port Forwarding** | Virtual Servers, Port Triggering, UPnP, DMZ, FTP Private Port |
| **QoS** | WMM, Bandwidth Control |
| **VLAN** | Support 802.1QVLAN |
| **Access Control** | IP/MAC/Domain filtering |
| **VPN Pass-through** | PPTP, L2TP, IPSEC |
| **Others** | DDNS, Static Routing, WOL, Remote Management, Firmware upgrade |

| Others | |
|---|---|
| **Environment** | Operating Temperature: 0℃~55℃<br>Storage Temperature: -20℃~70℃<br>Operating Humidity: 10%~90% non-condensing<br>Storage Humidity: 5%~90% non-condensing |
| **Package** | 1 * 300Mbps Wireless CPE<br>1 * Power Adapter(For 24V device)<br>1 * Ethernet Cable |