

450Mbps Outdoor High Power CPE

NC-AP311

Features:

- Wireless N high speed (up to 450Mbps)
- Support Power Over Ethernet
- 500mW High power output, coverage up to 5KM
- Internal 15dBi directional panel antenna
- Multi-wireless modes to expand the wireless network:
Gateway, AP, Repeater, WDS, Wireless ISP
- Outdoor weatherproof and 4000V lightning/15KV ESD protection design



Description

NC-AP311 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 15 dBi internal directional Antenna, high output power 500mw and high RX sensitivity can significantly extend the transmission range up to 5km to deliver a more stable wireless connection and reduce the expense of equipment.

NC-AP311 provides multiple - operation modes for users to buildup network or access internet : Gateway, AP, Repeater, WDS, Wireless ISP. 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	
Standards	IEEE 802.11a, IEEE 802.11n, IEEE 802.11ac
Signal Rate	Up to 450Mbps
Frequency Range	5.180~5.825GHz
Transmit Power	27dBm(MAX)
Data Transfer Rates	802.11ac: 80MHZ(433Mbps) 802.11n: 40MHz(150Mbps, 135Mbps, 120Mbps, 90Mbps, 60Mbps, 45Mbps, 30Mbps, 15Mbps) 20MHz (72Mbps, 65Mbps, 57Mbps, 43Mbps, 28Mbps, 21Mbps, 14Mbps, 7Mbps) 801.11g: (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps) 802.11b: (11Mbps,9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps)
Wireless Modes	Gateway, AP, Repeater, WDS, Wireless ISP
Wireless Security	64/128-bit WEP, WPA-PSK/WPA2-PSK (TKIP/AES) SSID Broadcast Enable/Disable Wireless MAC Filtering

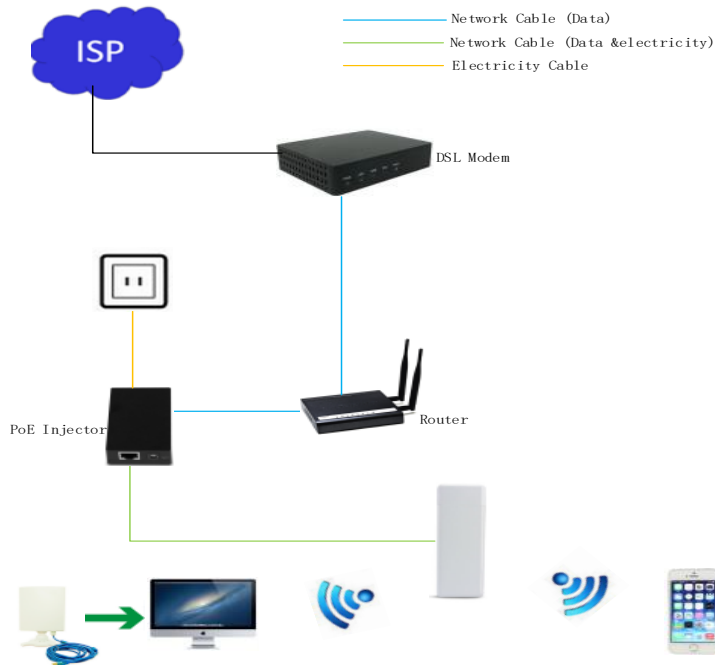
Hardware	
Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
Interfaces	1 * 10/100M Auto MDI/MDIX RJ45 LAN port 1* 10/100M Auto MDI/MDIX RJ45 WAN/LAN port
LED Indicators	PWR, WLAN,WAN, LAN
Buttons	Reset
Antenna	Build –in 15dBi panel Antenna
Power Supply	12V/1A DC Jack or 24V/1A Passive POE
Dimensions (L x W x H)	233x77x35 mm
Weight	300 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
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°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

Diagram

AP Mode



WISP

