

Quick Installation Guide

11ac Ceiling Access Point
NC-AC11APP
NC-AC44APP



Instruction

NC-LINK 11ac Ceiling Access Point Series include NC-AC11APP/NC-AC44APP. They are all dual-band ceiling Access Point, @2.4G and @5.8GHz. NC-AC44APP/NC-AC11APP complied with 48V PoE standard. They also support DC 12V power supply. Up to 100 concurrent users in both bands, they suitable for Office, Hotel lobby, Canteen, Conference Room ect. high density application. Below take NC-AC44APP for example.

Installation Requirement

Electrical driller
Cross screwdriver
Shielded category 5 (or above)

Package Contents



NC-AC44APP



Ceiling mounting kit

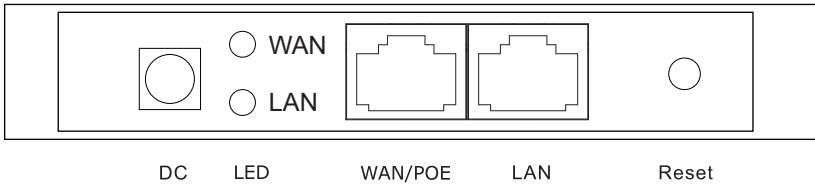


Network cable



QIG

Hardware Overview



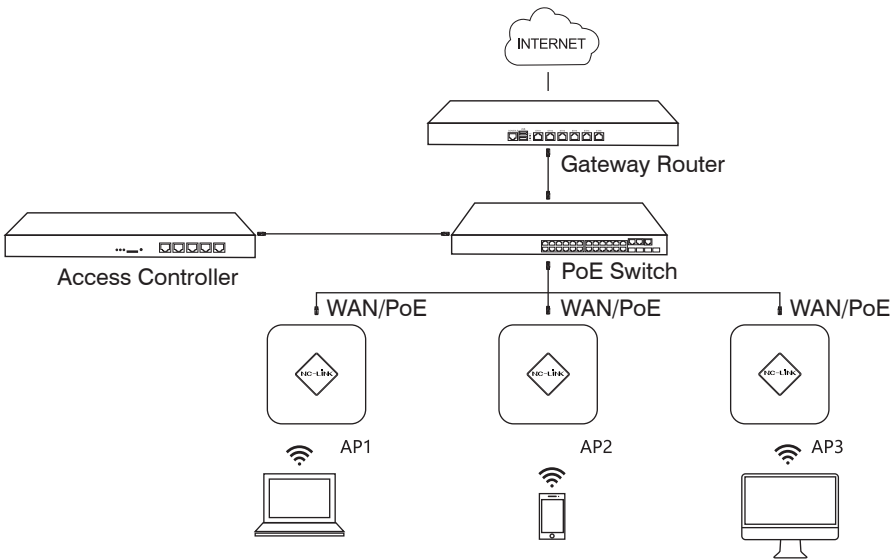
Interface

DC Jack: It is used for **12V/1.5A** direct current power supply.
WAN/PoE: The **WAN/PoE port** is used to connect to the power and the Internet.
LAN: The **LAN port** is used for bridging.
Reset: Press the Reset button about **15 seconds**, then release to reset the device.

LED Indicator

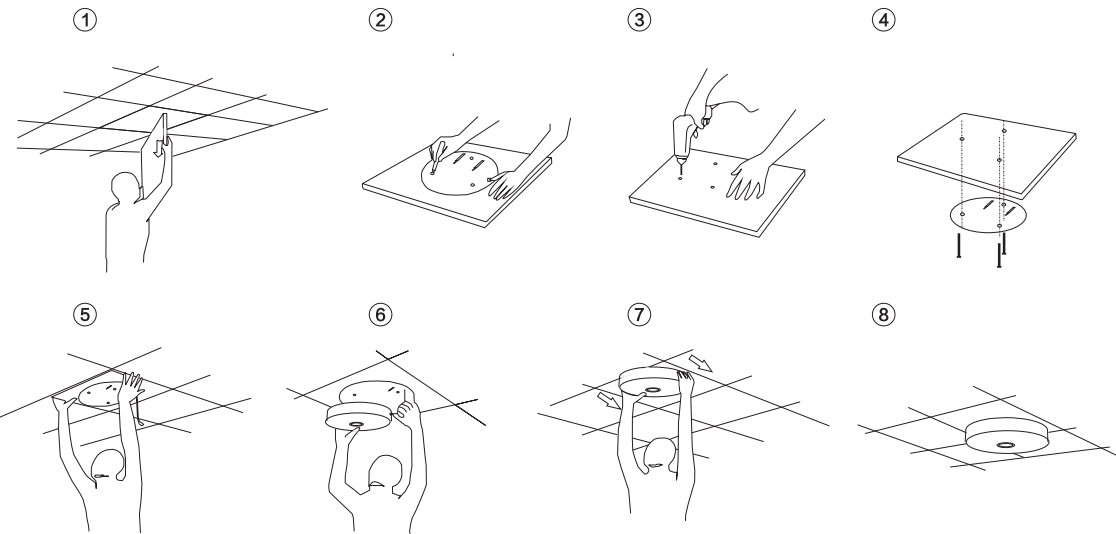
LED: The LED indicate the **WAN/PoE** and **LAN** status.
System Indicator: Powered on in **Green**, working normal in **Blue**.

I Network Topology



II Hardware Installation

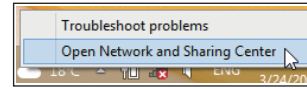
The NC-AC44APP wall mounting performed as below steps:



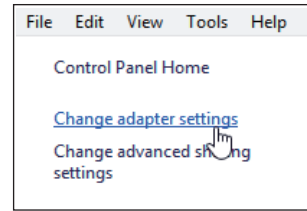
Software Installation

Connect your PC to the NC-AC44APP **LAN Port**, then login Web Management Page with default IP Address: **http://192.168.188.253** Default password: **admin**. Below base on **Chrome** browser.

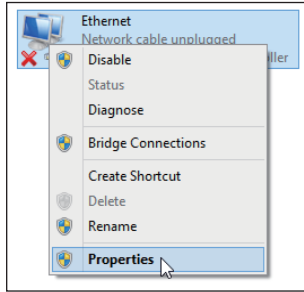
Note: Before login the Web Management Page, configure your PC Ethernet Card with a **fixed IP address**, 192.168.188.X (X between 2 to 252).



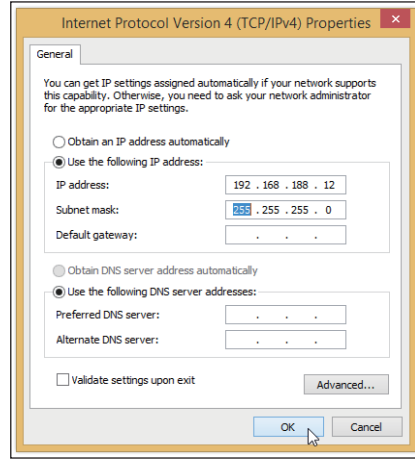
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②



③



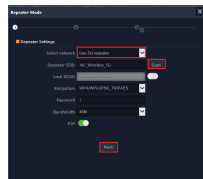
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Repeater Mode Configuration

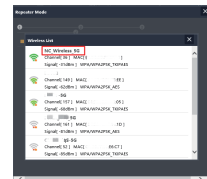
a)Click "**Wizard**" then choose the **Repeater Mode**



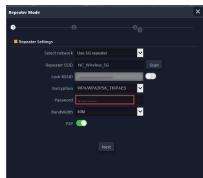
b)Select the AP radio frequency and "**Scan AP**"



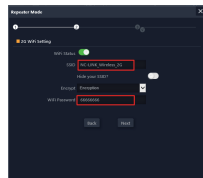
c)Select the AP signal you want to repeat



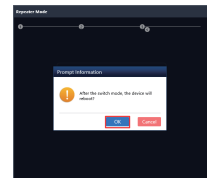
d)Input the **Access Wi-Fi Password** and click "**Next**"



e)Configure wireless parameter then click "**Next**"

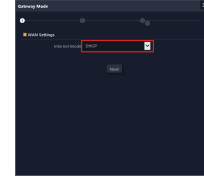


f)Configuration complete, device will finished reboot within **2 minutes**

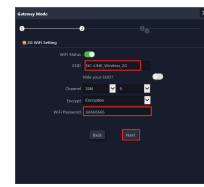


Gateway Mode Configuration

a)Click "**Wizard**" then choose the **Gateway Mode**. According to the access type, choose the correct one click "**Next**"



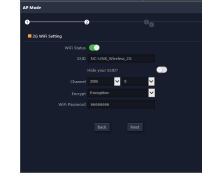
b)Configure the wireless parameter as you want then click "**Next**"



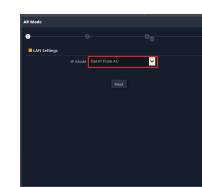
c)Configuration complete, device will finished reboot within **2 minutes**

AP Mode Configuration

a)Click "**Wizard**" then choose the **AP Mode**, configure the LAN settings, then click "**Next**"



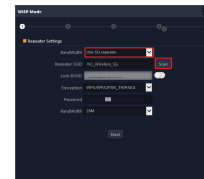
b)Configure the wireless parameter as you want then click "**Next**"



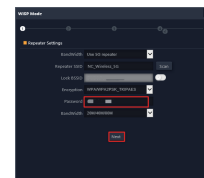
c)Configuration complete, device will be finished reboot within **2 minutes**

WISP Mode Configuration

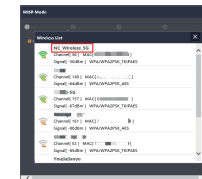
a)Click "**Wizard**" then choose the **WISP Mode**. Select the AP frequency then "**Scan**"



c)Input the **Access Wi-Fi Password** and click "**Next**"



b)Select the AP signal you want to repeat



d)Rest can refer to **Gateway Mode Configuration** steps

Trouble shooting

Failure phenomenon	Solution
SYS Indicator off	Make sure the PoE module connection is right. POE Port connect with AP , LAN port connect with computer
Can't land to AP through Web page	Pls check the IP address of computer and AP to see whether they are in same networking segment, The method is click "start"- "Run" input"cmd", ping 192.168.188.253 to test the AP connectivity. Reset AP and load it again ; Pls make sure the IP address 192.168.188.253 is not occupied by other device in AP's networking; Check computer and cable problem, recommend to use 10/100M UTP unshielded cable; Clean up Arp binding from "Start"- "Run" input"cmd" arp -d Clean the IE Brower's temporary files and Cache file.
Client can't connect with AP (the status display unconnected)	Try to scan the available wireless networking again ; Make sure the AP 's wireless standard (11b/g/n) is correct ; The Security and passwords are matched between Client and AP ; The signal strength of AP is too weak to connect, should be more than -75dBm ;
Can't scan the wireless AP	Scan it several times more ; Make sure there are 5G signal existed;Reset the AP, scan it again after AP restart ;
The connection of Client and AP is success, but the computer can't share internet	Pls Check the computer's IP address and DNS setting. If it is dynamic, set the network card as automatically obtain. If it is static IP, pls contact with ISP for correct IP address and DNS address.
How to Reset AP/ SSID and Password	Press the "Reset" button more than 15 seconds after power on. The CPE will restore factory default after the CPE restart. Default SSID: NC-LINK_Wireless_2G NC-LINK_Wireless_5G Default Wi-Fi Password: 66666666

NC-LINK Technology Co., Ltd.



Website: www.nc-link.cn

Support E-mail: info@nc-link.cn