300Mbps High Power Ceiling AP

NC-AP224(P)

✦ Features:

➢ Wireless N high speed (up to 300Mbps) for faster wireless transfer rates.

➢ 500mw high power for better wireless coverage

➢ Support Passive PoE, 12V/24V POE(P version)

➢ Support 802.3af PoE, work with PoE switch or 48V PoE adapter)

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

➢ Multiple SSID up to 4

➢ 802.1Q VLAN and Access Control System supported

➢ Support Watch Dog, Schedule Reboot, Multi SSID

Description

NC-AP224(P) is a high power wireless-N Ceiling Mount Access Point and it is dedicated to Small office, hotel, mart,cafe,meeting room and so on ,and it provides a long distance wireless network and good coverage for the large dimensional room.

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
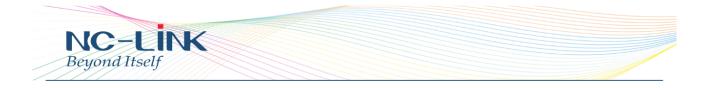
NC-AP224(P) is compatible with 802.11b/g/n devices and provides the wireless transfer speed up to 300Mbps, offering a better performance on online gaming, video streaming and so on.With many management functions,it is more convenient for users to use.

Specification

Wireless	
Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n /IEEE 802.3af (P version)
Flash & SDRAM	16MB, 128MB
Signal Rate	Up to 300Mbps
Frequency Range	2.4-2.4835GHz
Transmit Power	27dBm(MAX)
Data Transfer Rates	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)
Wireless Modes	Repeater, Gateway, AP, WISP
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 /IEEE 802.3af(P version)
Interfaces	1 * 10/100M Auto MDI/MDIX RJ45 WAN port 1 * 10/100M Auto MDI/MDIX RJ45 LAN port
Buttons	Reset
Antenna	Build in 5dBi Antenna
Power Supply	DC12V(POE 24V or 48V)/1A
Dimensions (L x W x H)	189*189*38mm
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℃~40℃ Storage Temperature: -40℃~70℃ Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Package	1 * 300Mbps Wireless AP 1 * Power Adapter 1 * Ethernet Cable 1* Wall mount accessory

Diagram

ISP

Network Cable (Data)
Network Cable (Data &electricity)
Electricity Cable

DSL Router

PoE Switch