



In-Wall Wireless Access Point



Perfect for

- Creating Internet access points around the building
- Installing at time of construction to ensure whole building Internet connectivity
- Creating a billable commercial indoor WiFi network

KEY FEATURES

- ⌚ Specially designed housing for in-wall installation
- ⌚ Wireless G Access Point
- ⌚ Ethernet port on the faceplate to connect PCs and other devices to the online network
- ⌚ Ethernet port in the rear of the NP727 that supports IEEE 802.3af Power over Ethernet (PoE) and connects to the backbone network
- ⌚ Wireless Distribution System (WDS) for extending wireless coverage
- ⌚ Supports Quality of Service (QoS) and Wi-Fi Multimedia (WMM)
- ⌚ Multiple SSID / Virtual AP support
- ⌚ Business class wireless security and client authentications
- ⌚ Wireless client layer 2 isolation





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STANDARD CONFORMANCE

- Wireless: IEEE 802.11g (up to 54Mbps), IEEE 802.11b (up to 11Mbps)
- Ethernet: 802.3, 802.3u

WIRELESS RADIO

- Frequency Band: 2.4 GHz
- Wireless Architecture: AP mode, Repeater Mode (WDS/ Universal Repeater)
- Modulation: 802.11b – DSSS, 802.11g – OFDM
- Data rate with auto fallback: 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2 and 1 Mbps
- Receiver Sensitivity: 802.11g – 54Mbps @-74dBm, 802.11b – 11Mbps @-89dBm

WIRELESS SIGNAL MANAGEMENT

- Numbers of ESSIDs (Virtual APs): 8
- Number of associated clients per AP: 32
- Network policy based on ESSID

QOS AND WMM

- DiffServ/TOS
- IEEE 802.1p/COS
- IEEE 802.1Q Tag VLAN priority control
- IEEE 802.11e WMM

SYSTEM MANAGEMENT

- Web based administration
- SNMP v1/v2c
- Provides event log
- Syslog information support
- Statistics
- Configuration backup and restore
- Firmware upgrade
- Capable of performing RADIUS accounting and accounting update
- Remotely manageable by NetComm IAC3000

SECURITY

- WEP (64/128/152 bits)
- Dynamic WEP
- WPA (PSK + TKIP + 802.1x authentication)
- 802.11i WPA2 (PSK + CCMP / AES + 802.1x certification)
- Setting for TKIP / CCMP / AES keys refreshing period
- Hidden ESSID support
- MAC address filtering
- MAC authentication with RADIUS servers

BUILT-IN SERVERS AND CLIENT INTERFACES

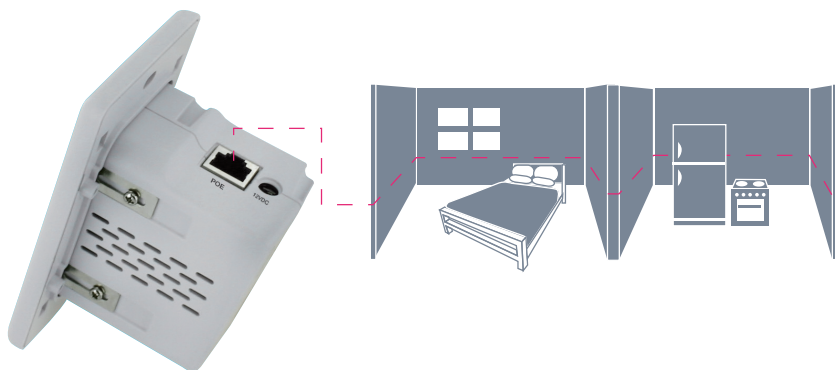
- DHCP client, DNS client, Syslog client, RADIUS client, SNMP v1/v2c client

PHYSICAL

- Dimensions (W x H x D): Centre Unit – 48mm x 78mm x 78mm. Faceplate – 75mm x 120mm x 9mm
- Weight: 190g

CONNECTORS AND DISPLAY

- LAN Port: 1 x 10/100 Base-T Ethernet
- PoE LAN Port: 1 x 10/100 Base-T Ethernet (IEEE 802.3af)
- LED Indicators: 1 x Power, 1 x LAN, 1 x WLAN



The NP727 In-Wall Wireless Access Point is designed to blend in with any home or office interior in an unobtrusive and seamless manner. Once installed, the In-Wall Wireless Access Point can distribute your Internet connection through the built in Wireless G, Ethernet port or a combination of both.

With its small form factor, The NP727 fits nicely into a standard wall socket and hides the cutout with its faceplate. Its front panel features LED status indicators and an RJ-45 Ethernet port. The simplistic design allows it to blend into any living or working environment meaning you can set up an Internet access point anywhere in a clean and simple manner

By utilising Power over Ethernet, the NP727 comes with the advantage of running fewer cables in the duct. The PoE LAN port serves as the power feed as well as a wired network feed. The NP727 can also be powered via an AC adapter when a PoE switch is not available.

The NP727 is an easy to install and a cost-effective solution for most indoor wireless deployments including hotel rooms, apartments, private homes, offices, classrooms, libraries and public kiosks to name just a few.



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