# NetComm®

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# Quick Start Guide

**NP720**
Wireless Access Point

# 1. Introduction

## Package Contents

The following items should be included:



1. Wireless Access Point  2. Power Adapter  3. Quick Installation Guide  4. Installation CD

If any of the above items are damaged or missing, please contact your dealer immediately.

## Physical Details

### Front Panel LEDs

| Status | **On** - Error condition. |
|---|---|
| | **Off** - Normal operation. |
| | **Blinking** - This LED blinks during start up, or when the Firmware is being upgraded. |
| **Power** | **On** - Normal operation. |
| | **Off** - No power |
| **LAN** | **On** - The LAN (Ethernet) port is active. |
| | **Off** - No active connection on the LAN (Ethernet) port. |
| | **Flashing** - Data is being transmitted or received via the corresponding LAN (Ethernet) port. |
| **Wireless LAN** | **On** - Idle. |
| | **Off** - Error- Wireless connection is not available. |
| | **Flashing** - Data is being transmitted or received via the Wireless access point. Data includes |

| | "network traffic" as well as user data. |
| --- | --- |

**Rear Panel**

| **Antenna** | One antenna (aerial) is supplied. Best results are usually obtained with the antenna in a vertical position. |
| --- | --- |
| **Console** | DB9 female RS232 port. |
| **Reset Button** | This button has two (2) functions: |
| | **Reboot**. When pressed and released, the Wireless Access Point will reboot (restart). |
| | **Reset to Factory Defaults**. This button can also be used to clear ALL data and restore ALL settings to the factory default values, as follows: |
| | 1. Hold the Reset Button down until the Status (Red) LED blinks TWICE, usually more than 5 seconds. |
| | 2. Release the Reset Button. |
| | The factory default configuration has now been restored, and the Access Point is ready for use. |
| **Ethernet** | Use a standard LAN cable (RJ45 connectors) to connect this port to a 10BaseT or 100BaseT hub on your LAN. |
| **Power port** | Connect the supplied power adapter here. |

# 2. Installation



1.  Select a suitable location for the installation of your
    Wireless Access Point. To maximize reliability and
    performance, follow these guidelines:

    - Use an elevated location, such as wall mounted or on
      the top of a cubicle.

    - Place the Wireless Access Point near the center of
      your wireless coverage area.

    - If possible, ensure there are no thick walls or metal
      shielding between the Wireless Access Point and
      Wireless stations.

2.  Use a standard LAN cable to connect the "Ethernet" port
    on the Wireless Access Point to a 10/100BaseT hub on
    your LAN.

3.  Connect the supplied power adapter to the Wireless
    Access Point and a convenient power outlet, and power up.

**Note:**

To use PoE (Power over Ethernet), the Wireless Access Point should be connected as shown below, rather than using steps 2 and 3 above.



4. Check the LEDs:
    - The **Status** LED should flash, then turn OFF.
    - The **Power**, **Wireless LAN**, and **LAN** LEDs should be ON.

# 3. Access Point Setup

The default settings are:

| | |
|---|---|
| **IP Address** | Automatic (DHCP Client) If no DHCP Server is detected, the IP address is 192.168.0.228 |
| **SSID** | wireless |
| **Wireless Security** | Disabled |

If you need to change these, follow this procedure.

1. Check the Wireless Access Point to determine its *Default Name*. This is shown on a label on the base or rear, and is in the following format:

    SCxxxxxx

    xxxxxx is a set of 6 Hex characters (0 ~ 9, and A ~ F).

2. Use a PC which is already connected to your LAN, either by a wired connection or another Access Point.

- Until the Wireless Access Point is configured, establishing a Wireless connection to it may be not possible.

- If your LAN contains a Router or Routers, ensure the PC used for configuration is on the same LAN segment as the Wireless Access Point.

3. Start your Web browser.

4. For the *Address* enter "HTTP://" and the *Default Name* of the Wireless Access Point

   e.g.    `HTTP://SC2D631A`

5. You should then see a login prompt, which will ask for a *User Name* and *Password*. Enter **admin** for the *User Name*, and **password** for the *Password*.
   These are the default values. If they are changed, use the current values.

6. You will then see the *Status* screen, which displays the current settings and status.

7. Check the following screens, and configure as necessary for your environment. Use the on-line help if necessary.

   - **Access Control** - MAC level access control.

   - **System** - Identification, location, and Network settings.

   - **Wireless** - Basic & Advanced.

8. You may also wish to set the admin password and administration connection options. These are on the *Admin Login* screen accessed from the **Management** menu.

9. Use the **Apply/Restart** button on the menu to apply your changes and restart the Wireless Access Point.

10. Setup of the Wireless Access Point is now complete.

# 4. Client (PC) Configuration

## WEP/WPA-PSK Mode

Each Wireless Station must have the same settings as the Wireless Access Point.

| | |
|---|---|
| **Mode** | On each PC, the mode must be set to *Infrastructure*. |
| **SSID (ESSID)** | This must match the value used on the Wireless Access Point. The default value is **wireless** **Note! The SSID is case sensitive.** |
| **Wireless Security** | Default value: **Disabled** Use the *Security Profile* screen on the main menu to change this as required. |

## 802.1x Mode

Using 802.1x requires extensive configuration. See the user manual for details.

## Product Warranty

NetComm products have a standard 12 months warranty from date of purchase. However some products have an extended warranty option, via registering your product online at the NetComm website **www.netcomm.com.au**. Refer to the User Guide for complete product warranty conditions, limitations of warranty and other legal and regulatory information.

## Contact Information

If you have any technical difficulties with your product, please do not hesitate to contact NetComm's Customer Support Department.

### Email: support@netcomm.com.au

# www.netcomm.com.au

Note: NetComm Technical Support for this product only covers the basic installation and features outlined in the Quick Start Guide. For further information regarding the advanced features of this product, please refer to the configuring sections in the User Guide or contact a Network Specialist.