

11g Wireless Ethernet Bridge

54Mbps IEEE 802.11g WIRELESS ETHERNET BRIDGE

54 Mbps
Wireless

Removable
Antenna

wireless



*Wirelessly connect any Ethernet device
to a Wireless network*

- Full coverage, greater range and fast wireless speed
- Fully compatible with 54 and 11Mbps access (802.11b/g)
- 64 bit and 128-bit WEP Security
- Easy to setup and configure through your PC's Web browser
- Detachable antenna to increase range

Now you can connect any Ethernet-equipped device such as a printer, set-top box, camera, desktop or laptop PC to a wireless network at a maximum speed of 54Mbps.

There are no drivers to install and the NP5410 works with any Operating System. And it's fast because it's built around the newly approved 54Mbps IEEE802.11g standard.

FULL COVERAGE, GREATER RANGE AND FAST WIRELESS SPEED

The NP5410 is a powerful wireless device. Its greater range extends your wireless access even further and its fast 54Mbps performance means you won't suffer any more network delays. Now you can enjoy all the benefits of wireless connectivity.

FULLY COMPATIBLE WITH AUTO FALL-BACK FOR 54 & 11MBPS ACCESS (802.11b/g)

Wireless devices that support the new worldwide 802.11g wireless standard will communicate with the NP5410 at a blazing 54Mbps. And any wireless device that supports the older 802.11b wireless standard will communicate with the NP5410 at up to 11Mbps.

128-bit WEP SECURITY

Your wireless communications are secure from prying eyes –

and from any freeloader trying to hijack your bandwidth. The NP5410 employs full 64 and 128-bit WEP encryption so that only authorised users can gain access

EASY TO SET UP AND CONFIGURE THROUGH YOUR PC's WEB BROWSER

You use a simple web browser (Internet Explorer, Safari, Mozilla, Opera or Netscape Navigator) interface to set up your NP5410. So any computer/console running TCP/IP can be used to configure the NP5410.

DETACHABLE ANTENNA SO YOU CAN INCREASE YOUR RANGE

The detachable antenna allows you to connect optional antennas which you can use to strengthen and focus your wireless network.

3 Year Warranty*

1 year warranty out of the box. Extra 2 years **FREE** with online registration at www.netcomm.com.au *Conditional on registration online.

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Specifications

RADIO SPECIFICATIONS

WLAN Standards	IEEE802.11/11b Industry standards IEEE 802.11g Industry standards
Media Access Protocol	IEEE802.11
Frequency	2.4_2.4835GHz (Industrial Scientific Medical Band)
Bit Error Rate	-68.9dBm @ 54Mbps OFDM, 10% PER-86.1dBm @ 11Mbps CCK , 8% PER
Data Rate Shifting	1, 2, 5.5, 6, 9, 11, 12, 24, 36, 48, 54 Mbps
Modulation Technique	CCK for 11b mode (1, 2, 5.5, 11Mbps) OFDM for 11g mode (6, 9, 12, 24, 36, 48, 54Mbps)
Security	64-bit & 128-bit WEP Encryption

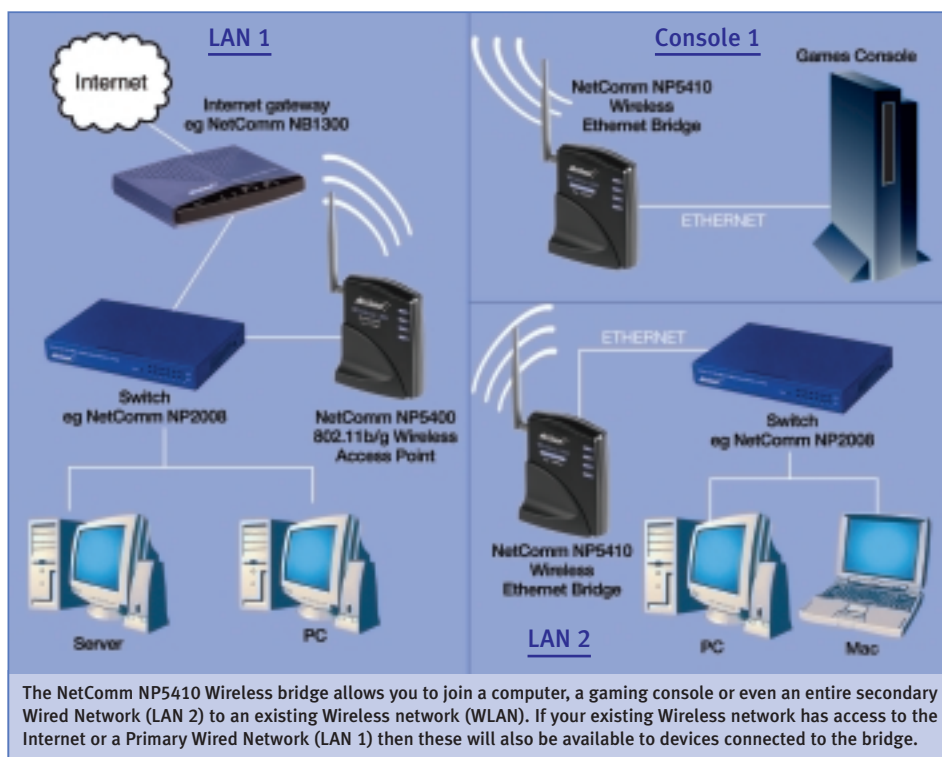
Output Power	18 dBm @ 11M CCK 13 dBm @ 54M OFDM
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Receiver Sensitivity	-88dBm @ 11M CCK -68dBm @ 54M OFDM
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Coverage Area	Indoor 100m* * Conditions apply Outdoor 400m*
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FIRMWARE/SOFTWARE SPECIFICATIONS

Bridging	While only one client is connected, transparent bridging is supported; While multiple clients are connected, IP-layer bridging is supported
Utility Software	Windows® 95/98/Me/2000 and XP supported
Management	Built-in Web-based management with user name/password Authentication
Firmware Upgrade	TFTP
IP obtain for Web	Static IP or DHCP client
Protocols	Transparent to layer 3 protocols, such as PPPoE and VPN



Specifications

PHYSICAL SPECIFICATIONS

Ethernet Interface	10/100M (RJ-45) interface
Antenna	Single 5 dBi external antenna with reversed SMA connector
LED Indicators	4 LEDs (Power, LAN, WLAN, and Diag)
Power	Input: 5V DC, 1A
Dimensions	135 (L) x 100 (W) x 60 (H)mm without antenna; Weight: 170g

Others	
One Initiate button	To reset all the settings to factory default values
One DIP switch	Set on straight mode ("I") while NP5410 is connected to hub/switch Set on crossover mode ("X") while NP5410 is connected to PC, or other Ethernet devices.

Specifications

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0C to 50C degree
Storage Temperature	-25C to 70C degrees
Relative Humidity	10% to 90% non-condensing

SYSTEM REQUIREMENTS

Multi Operating System (TCP/IP web browser)

Package Contents

NP5410 11g 54Mbps
Wireless Ethernet Bridge
Cat-5 RJ45 straight-through Ethernet cable
Plug Pack 5VDC, 0.5 - 1Amp
Installation Guide
NetComm Utility CD

Your Netcomm dealer:

NetComm is Australia's dynamic data communications and networking solutions provider. For more information on this and other NetComm products, please visit www.netcomm.com.au

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