



## Description:

The NL-2611CB3+ Deluxe incorporates advanced high powered technology to increase signal strength and throughput. This, with its removable antenna and PoE support, creates a flexible total solution for SI, Enterprise, SMB, and various Field Applications. Multiple networks can be connected using the built-in bridging function allowing connection speeds rivaling that of a T1 line. Any ethernet capable device can be wirelessly connected to an access point through the NL-2611CB3+ Deluxe **without** the need to install any drivers simplifying setup.

## Highlights:

- **200mW high power output increases throughput and \*range**
- **PoE support and removable antenna increases flexibility for various solution integrators**
- **Ad-hoc function built-in enabling point to point network bridging**
- **True Plug & Play with ANY Ethernet capable device**

*\*range dependent on environment and will vary from user to user*

## Key Features:

### Increased Power & Range

Having **4X** the output power of other similar devices, the 200mW high power results in a higher performance such as better link quality, better throughput, and increased signal strength. With an optimal environment, range output could increase up to 2-fold.

### Flexible Solutions

The removable antenna and PoE support make the NL-2611CB3+ Deluxe flexible enough to suit the needs of any type of environments the user might need. Adding an optional high gain, omni or directional antenna increases the effectiveness and range of the NL-2611CB3+ Deluxe.

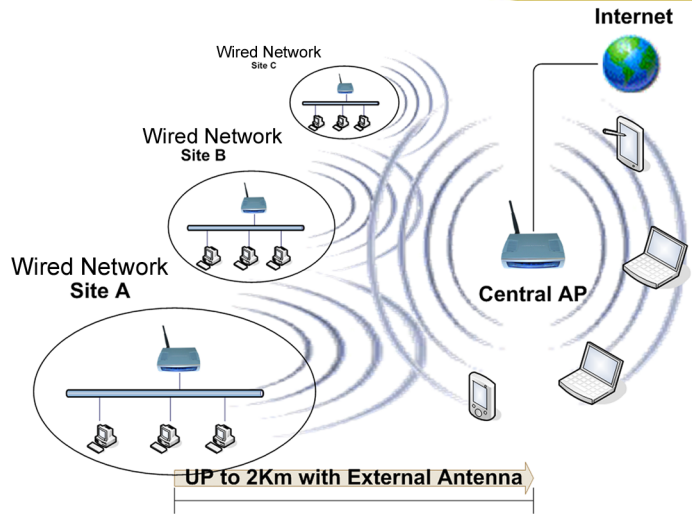
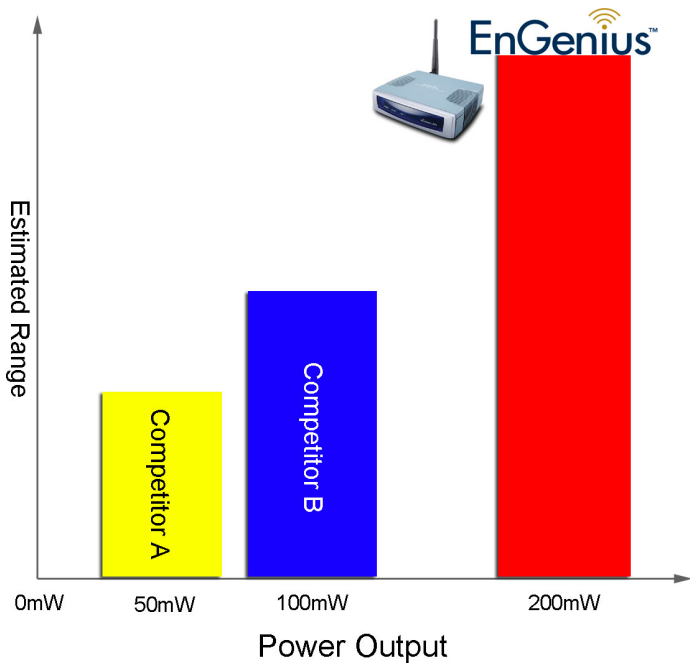
### Expand Your Network

The ad-hoc function within the NL-2611CB3+ Deluxe allow point to point bridging of multiple networks increasing the effective range of a single network connection. Throughput between the bridged networks is maintained at a functional level of that higher than a T1 connection.

### True Plug & Play

The NI-2611CB3+ Deluxe is a true Plug & Play device in that no drivers are necessary to be installed in the ethernet capable device to operate. ANY ethernet capable device or workgroup can be wirelessly connected to an access point via the NL-2611CB3+ Deluxe.

**200mW high output power increasing throughput, signal strength and range!**



**No longer are you bound by wires within your network! Increase efficiency and mobility with a wireless infrastructure.**

## Specifications

### Features:

- Up to 23dBm(200mW) RF Output Power
- Up to 9 times coverage
- Multi-Client Bridge Functionality
- 11Mbps IEEE 802.11b Compliant - Fully Inter-operable with IEEE 802.11b
- Point-to-point, Point-to-multipoint
- Wireless Connectivity
- Allows data-transfer between two or more networking cells
- True Plug and Play \*No drivers needed, easy and quick to connect your Ethernet device to your Wireless Network
- Power-over-Ethernet and Access Point
- 64 / 128-bit WEP data encryption - Powerful data security
- Hide SSID (AP Mode) Avoids unauthorized users to share bandwidth, increasing efficiency of the network
- DHCP Client Simplifies network administration
- Web-based configuration helps administrators to remotely configure or manage the Multi-Client Bridge with a web browser
- MAC address filtering (AP Mode) Ensures secure network connection
- Seamless Roaming allowing users to travel between Access Points without losing their network connection

### General:

- Data Transfer Rates: 11, 5.5, 2, and 1 Mbps with Auto-Fall Back
- Frequency Band 2.400 ~ 2.484 Ghz
- Range (open environment)
- 11 Mbps (23dBm output power)
- 5.5 Mbps (23dBm output power)
- 2 Mbps (23dBm output power)
- 1 Mbps (23 dBm output power)
- Compatibility IEEE 802.11b compliant
- Regulation Certifications FCC Part 15/UL
- Power Supply : 11VDC  $\pm$  10%
- Device: 12V/1A

### RF Information:

- Radio type Direct Sequence Spread Spectrum (DSSS)
- Operation Channel 11 for North America
- Modulation:
  - 11Mbps / 5.5Mbps CCK
  - 2Mbps: DQPSK
  - 1Mbps: DBPSK
- RF Connector TNC Female-Reverse
- RF Output power 23dBm(200mW) - FCC
- WEP data encryption 64/128bit

### Network:

- Topology Point-to-Point / Point-to-Multipoint Infrastructure
- Interface One 10Base-TRJ-45 LAN Port
- Firmware Upgrade via TFTP
- Security:
  - MAC address filtering (AP Mode)
  - WEP encryption (64/128bit)
- Hide SSID in beacons, stations cannot use "any" SSID (AP Mode)
- Wireless Isolation in AP mode
- IP Auto-configuration DHCP client
- Management: Web-based configuration

### Environment:

- Temperature Range:
  - 0-55° C (32-131° F) - Operation
  - 20-80° C (-4-176° F) - Storage
- Humidity (non-condensing) 5%~95% typical

### Physical Specifications:

- Dimensions:
  - 125(L)mm x 108(W)mm x 31(H)mm
  - 4.9(L)in x 4.3(W)in x 1.2(H)in
- Weight 350g (0.8lbs)

### Related Accessories



WSR-3800

802.11g Instant HotSpot Solution



NL-5354AP1

Tri-band Repeater Client Bridge, AP



NL-3054CB3+ Deluxe

802.11g Client Bridge & AP



NL-3054CB+

200mW 802.11g high powered buscard



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*\*All specifications are subject to change by EnGenius without prior notice*

## Features & Benefits

### Increased Power & Extended Range

- The NL-2611CB3+ Deluxe has the industry leading 200mW high power standard RF module resulting in twice the average performance, throughput, and \*range. By installing an optional high gain antenna, range can be extended even further. This results in extreme flexibility for in applications and solutions for whatever the users needs might be.



### Detachable Antenna w/ Full Mounting Options Included

- Limited by only the users' imagination, the detachable antenna can be replaced with either an omni or singular directional antenna. Perfect flexibility for SI, field applications, enterprise, or SMB environments.

### PoE Support for Easy Installation

- PoE support is built-in with the NL-2611CB3+ Deluxe creating a solution for system integrators who don't have power sources near where installation will take place. Power is transmitted via a standard CAT5 cable extending the distance between the unit and the power source by more than 100 ft.

### Wireless Flexibility

- The built-in Client Bridge function allows devies that were connected to a wired network into a wireless client. The resulting solution can be connected to another NL-2611CB3+ Deluxe that's connected to your broadband network wirelessly without having to recable/retool your existing cable setup.

### True Plug & Play

- No longer are drivers required for the NL-2611CB3+ Deluxe to operate. A true Plug & Play system, the NL-2611CB3+ Deluxe will automatically be installed when plugged into your Ethernet capable device.

### Proficient Network User Access Control

- 25 user MAC addresses can be simultaneously filtered protecting your wireless network from outside would-be intruders increasing your security

### Bridge Multiple Wired Networks Together

- Built-in Point to Point functionality (Ad-Hoc mode) gives the NL-2611CB3+ Deluxe the ability to bridge two separate networks together seamlessly. The resulting bandwidth between the bridged points can be greater than that of a T1 line.

*\*increased range is dependent on environment and will vary from user to user*