Introduction

A universal ethernet-to-wireless adapter can be used to connect an IQ Ethernet Cartridge (NCC-EN) to a wireless network. This eliminates the need for a controller to be physically connected to a router for communication with the IQ computer.

NOTE: Port Forwarding must be configured on the router before adapter installation. Refer to the **IQ™ Central Control System Port Forwarding Instructions** document.
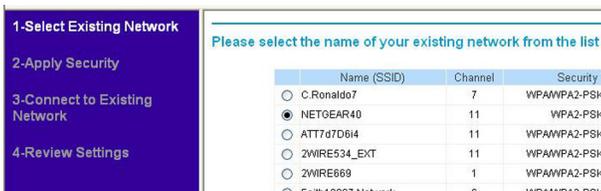
The following information is required for setup:

- IP address of router
- IP address of NCC-EN cartridge
- SSID of existing network
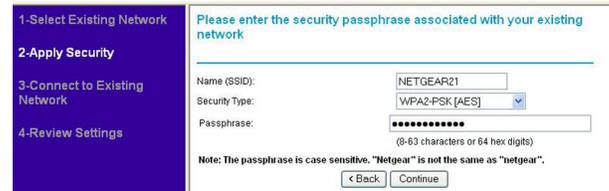- Network passphrase

Netgear WNCE2001 Setup

1. Disable any internet connection, wireless or wired, on your computer.

2. Connect the adapter to the computer using the Ethernet cable, then connect the power cord to the adapter.

3. When the adapter displays two solid green lights (Power and LAN) open an internet browser. The adapter setup page will open automatically.

4. On the opening screen, select Continue.

5. Select the radio button next to your wireless network SSID and select Continue at the bottom of the list.

6. Select your Security Type from the dropdown menu and enter your network Passphrase. Select Continue.

7. When connection is successful, select Finish.

8. Select IP Address Setup from the menu on the left, and check the Use Static IP Address radio button. Enter the following:

- IP Address: Enter the IP address assigned the NCC-EN cartridge
- IP Subnet Mask: Enter 255.255.255.0
- Gateway IP Address, Primary and Secondary DNS: Enter the IP address of the router

9. Select Apply.

10. Disconnect the Ethernet cable from the computer andthe adapter.

11. At the controller, disconnect the NCC-EN cartridge Ethernet cable from the router, and connect it to the adapter.

12. The adapter will automatically connect to the wireless network, and the green light should be solid green.

13. Re-enable your internet connection to the computer.