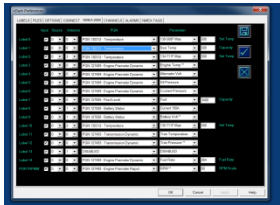
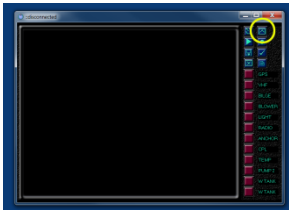


# SeaSmart WiFi G2 Quick Start Guide

**Step 14:** Use the NMEA 2000 tab to select desired PGNs and parameters to display in each of the 16 channels. Be sure to select the correct Instance for each PGN.



Use the CONNECT icon to start a live session and view of data.



**Step 15:** vDash can display both Live data and data from a pre-recorded Log File button.

To view an existing Log File, Click the Playback Button located in the upper left hand corner of the tool palette



**Step 16:** To view help information on the eight tool pallet buttons, click the logo Icon in the upper Left Hand corner of the title bar and select "About vDash"

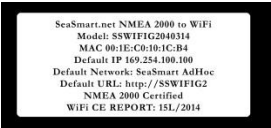
The vDash Users Manual is located in the "Documents" folder in the vDash Projects Folder

**Step 1:** Attach the 5-Pin NMEA 2000 drop cable to backbone T connector. Be sure NMEA 2000 Bus has 12 Volt Power as SeaSmart.net is powered directly off the Bus.



Attach small antenna to SeaSmart. Power light will be on steady and Link light flash until a WiFi connection is established.

**Step 2:** SeaSmart WiFi uses AdHoc network for initial setup. A default static IP address of 169.254.100.100 is used. Once a link is established Link LED = On



The label on the bottom of the unit will contain the unit's default SSID and MAC address (unique serial number) and device web URL

**Step 3:** The adapter Web Page can be accessed directly by typing the device URL <http://SSWIFIG2> in the address bar of any browser. Javascript and HTML 5 must be enabled in then browser settings.



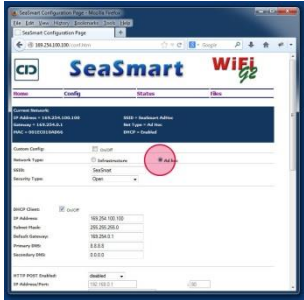
If browser does not show SeaSmart page then you can use the default IP address.

**Step 4:** The embedded web server will present a home page where different instrument clusters can be accessed by clicking on the dial faces.

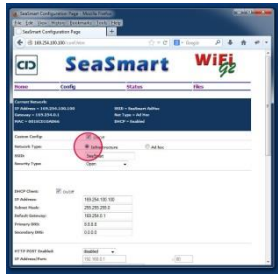


Device configuration is accessed by clicking on the **ADAPTER SETUP** link

**Step 5:** The Config Page will show the current default network settings which are set to AdHoc and static IP address. This address can be changed on the config page



**Step 6:** If you wish to use a Infrastructure network with auto IP (DHCP) select custom config and enter new network SSID

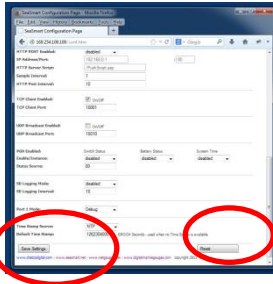


**Step 7:** Enter your new desired static IP address and Router IP address for the Gateway.



Be sure your static IP is within the same network as your router IP or communications will be lost on reboot.

**Step 8:** After new addresses are entered, scroll down to the bottom and select SAVE.

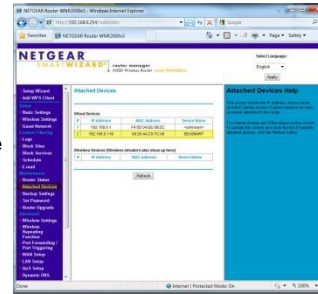


Next select RESET to reboot device with new custom configurations.

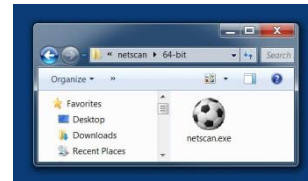
Link LED will flash then go steady on after network connection

**Step 9a**

If you need to discover your device IP address because there is no suitable DNS service on your network, you can use your Router Configuration pages to view all attached devices. Note the MAC address on the Seamart label and match to the IP address shown by the router.



Another method to discover the IP address is by using a free network scanning utility like netScan from [www.softperfect.com](http://www.softperfect.com). Download the latest version or use the copy located in the SeaSmart/utilities folder on the vDash CD



**Step 9b:** Type the Network Address of the attached network to scan. netScan will send a UDP broadcast to all devices on the selected network.



Ad Hoc Networks (WiFi) will use 169.254.255.255

**Step 9c:** After scanning is complete, netScan will report the IP address of all discovered adapters.



The IP address can be used by any applications or Browsers to access bus data via TCP/UDP

**Step 10:** To use a Browser interface to access SeaSmart Web pages, simply type in the obtained IP address into the address bar on the Browser.



A Home Web page will load with three links. Select the instrument graphic ICON to view live data

**Step 11:** Each page will contain a set of pre-arranged instrument graphics



To modify the instrument style and values displayed, select the clock bar at the bottom for additional options

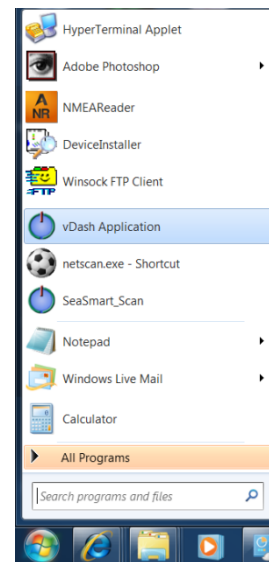
**Step 12:** vDash is an application that runs on Windows XP/Vista/7 platforms and can view real-time data in user defined graphical layouts.

One of the many features of vDash is the ability to connect over TCP/UDP to SeaSmart.net adapters and display live NMEA 2000 data.

vDash will allow selection of a wide variety of PGNs and parameters to view.

Themes contains a selection of graphics styles and backgrounds for design of custom display screens

vDash can also data log to disk and POST to Web Servers.



**Step 13:** Before Connecting to a SeaSmart adapter, vDash Preferences must be set to proper IP Address.

Select Preference Icon in the lower right tool pallet.

Then the Connect Tab

Under TCP, enter the IP address of the SeaSmart adapter and set port number to 10001

This will allow vDash to connect to SeaSmart adapter over the network and view live data

