DPAC2 WIRELESS BRIDGE PROGRAMMING TOOL INSTRUCTIONS

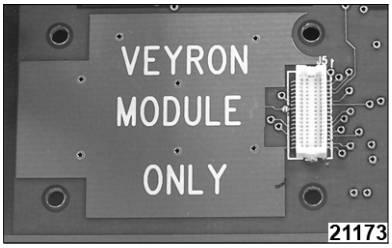
Tool Part No. - 913097

INITIAL REQUIREMENTS

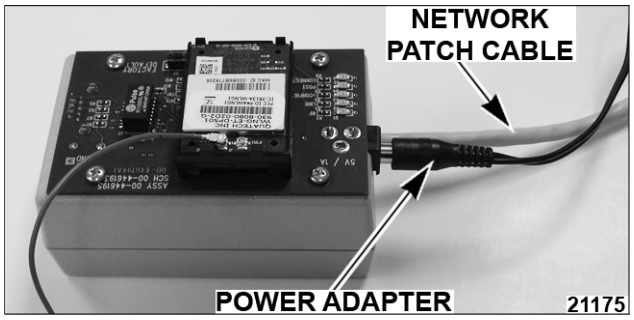
- Computer with hardwired Ethernet connection to configure the DPAC2 (Veyron) Wireless Bridge.
- The customer must provide all network settings required.
- The correct DPAC2 kit for the respective scale model being serviced.

CONFIGURE THE COMPUTER

NOTE: The programming box and these instructions are to be used with DPAC2 modules only. The DPAC2 (Veyron module) can be identified by the words Veyron Module Only, seen on the board when the module is removed.

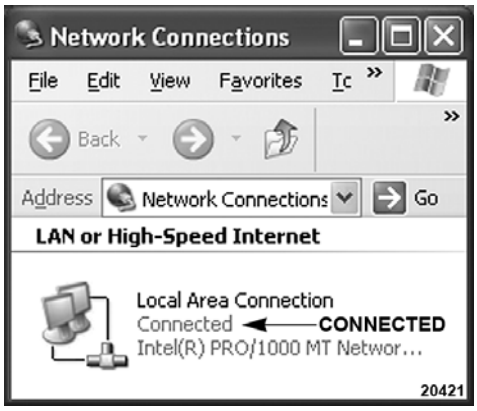


1. Use a small flat bladed screwdriver to pry the antenna wire from the connector on the DPAC2 module.
2. Use the T5 Torx screwdriver to remove the DPAC2 module from the Veyron board.
3. Plug the DPAC2 module in to the special programming box.
4. Connect the power adapter to the box and an AC outlet.
5. Connect the network (patch cable) between the box and the computer.

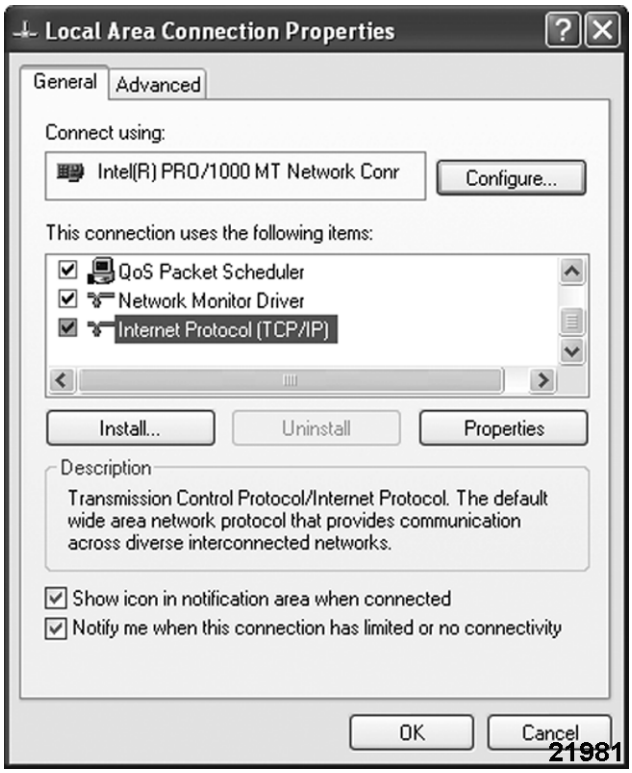


NOTE: The computer must be set to DHCP (automatic configuration) to program the bridge. Normally the computer is already configured for DHCP. If you are not sure, use the following procedure to verify the settings.

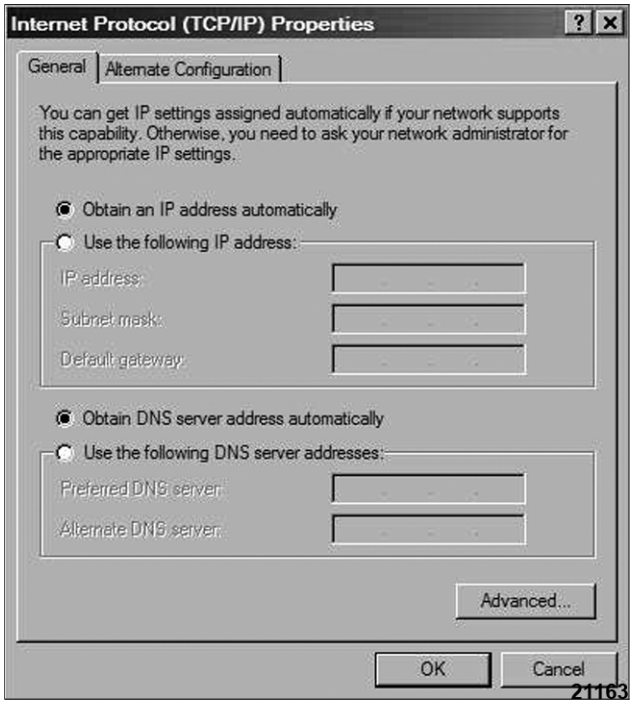
6. Select Start > Control Panel > Network Connections.
7. If the *Local Area Connection* shows *Connected*, then proceed to **"CONFIGURE THE DPAC2 MODULE"**, otherwise continue.



8. Right click on *Local Area Connection* then left click on *Properties*.
9. Select **Internet Protocol (TCP/IP)** and click on the *Properties* button.



10. Verify the circle next to "Obtain an IP address automatically" is selected.
11. Click *OK* to save settings.



CONFIGURE THE DPAC2 MODULE

NOTE: A configuration utility (AMC) may also be used to configure the bridge but is not required. If a customer requires the utility it can be downloaded from www.bb-elec.com

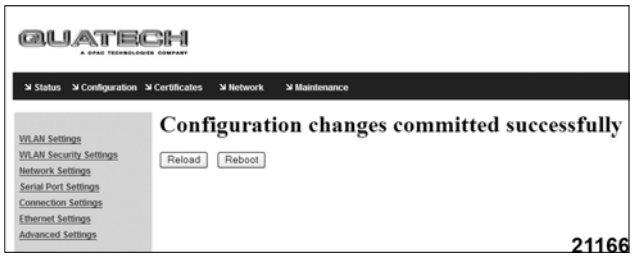
1. Open the browser (Internet Explorer).
2. Enter **192.168.2.1** and press enter.
3. A sign in screen will appear.
4. Enter the default user name and password then click on the *OK* button.
   - User name: **dpac** (all lower case)
   - Password: **dpac** (all lower case)

5. Select *Configuration* from the main screen.
6. The "WLAN Settings" screen will be displayed.
   - "Wireless LAN Connection Type" – Must be set to **Infrastructure**
   - "Wireless LAN Channel" – Default is 1
   - "SSID" – Enter the customer supplied System ID. Must match what is programmed in the Access Point
   - "Maximum Wireless Data Rate" – Default setting is Auto
   - "Use Fixed Data Rate" – Default is Disabled
   - "Wireless LAN Region" – Default is United States
7. Click on *Commit* (scroll to bottom of page) to save settings.

8. A confirmation screen will be displayed.

NOTE: Never click on the **Reload** button or all settings will be lost.

NOTE: Do not click on **Reboot** at this time. Other settings must be entered first.



9. Click on "*WLAN Security Settings*"
10. The "WLAN Security Settings" screen will be displayed.
    - "Authentication Type" – Default is Auto
    - "Wireless LAN Security Type" – Use the drop down box and select the customer provided security type

Example: Customer wants to use WPA-PSK security type. Select the **WPA-PSK** type using the drop down box. Enter the Pre Shared Key in the WPA Pre Shared Key (PSK) box.

11. Click on *Commit* (scroll to bottom of page) to save settings.

12. A conformation screen will be displayed.

NOTE: Never click on the **Reload** button or all settings will be lost.

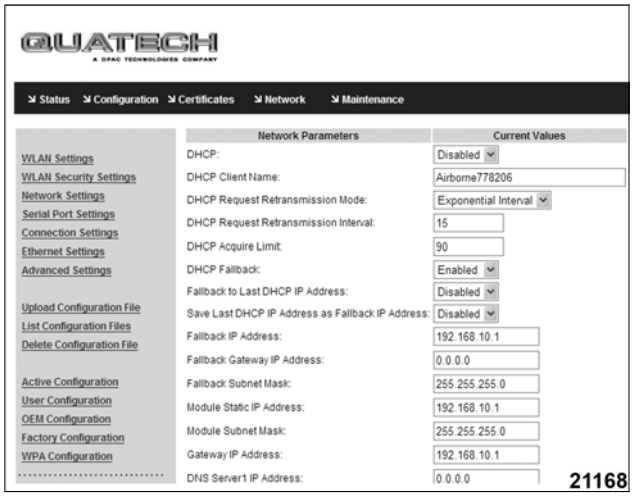
NOTE: Do not click on **Reboot** at this time. Other settings must be entered first.

13. Click on *Network Settings*.
14. The "Network Settings" screen will be displayed.

NOTE: Static IP address must be used when using the DPAC2 (Veyron) module.

- DHCP must be disabled.
- "Module Static IP Address" – Enter the customer supplied IP Address for the bridge and scale.
- "Module Subnet Mask" – Enter the customer supplied Subnet Mask values.
- "Gateway IP Address" – Enter the customer supplied Gateway Address.
- Leave all other settings to default settings.

15. Click on *commit* to save settings.



16. A conformation screen will be displayed.
17. At this point if all settings are correct, click on **Reboot**. The bridge will save all settings, reboot, and the Browser connection will be lost.
18. Disconnect DPAC2 programming box from computer and power supply.
19. Remove the DPAC2 module from the programming box and use the T5 Torx screwdriver to re-attach it to the Veyron board.
20. Re-connect antenna wire to connector on the DPAC2 module.
21. **Important.** Write the IP address that was configured in the bridge somewhere on the scale such as under the platter.
22. Install hardware using instructions included with kit.
23. **NOTE: <u>The scale must be set to DHCP (automatic) configuration when used with EPCP-1, Ultima, and any Quantum with firmware prior to -30.</u> The IP address displayed by the scale is 192.168.2.100. The same IP address is displayed in <u>all</u> scales. You will not be able to ping this address from other scales or computers on the network.**