RACEPAK IQ3 LOGGER DASH PROGRAMMING

To program an IQ3 Display Dash, follow the steps below.

1) Connect the IQ3 dash to your Haltech Platinum Sport ECU - Supply Power to the ECU
2) Connect the IQ3 dash to your laptop via the Serial to USB Adapter
3) Open the Racepak Datalink Software
4) Press CTRL+Z and select the file IQ3 PSPORT LOGGER.
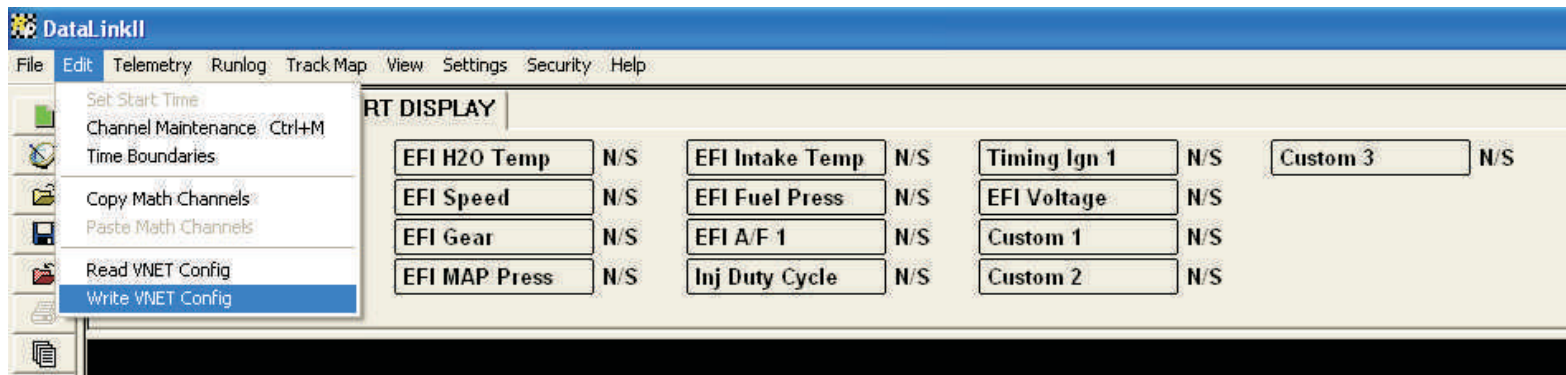
   This file must be placed in C:\RacepakData\IQ3 and can be downloaded from the Haltech website here
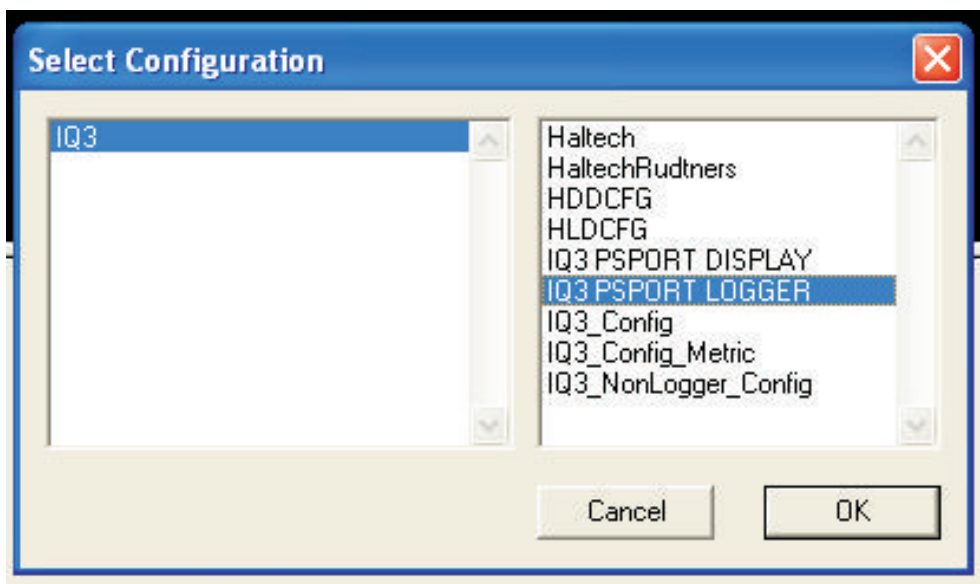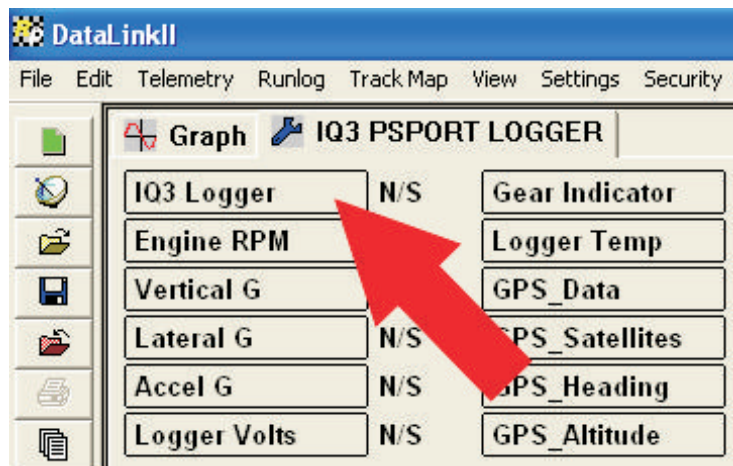
5)Go to Settings--> Scan Com Ports
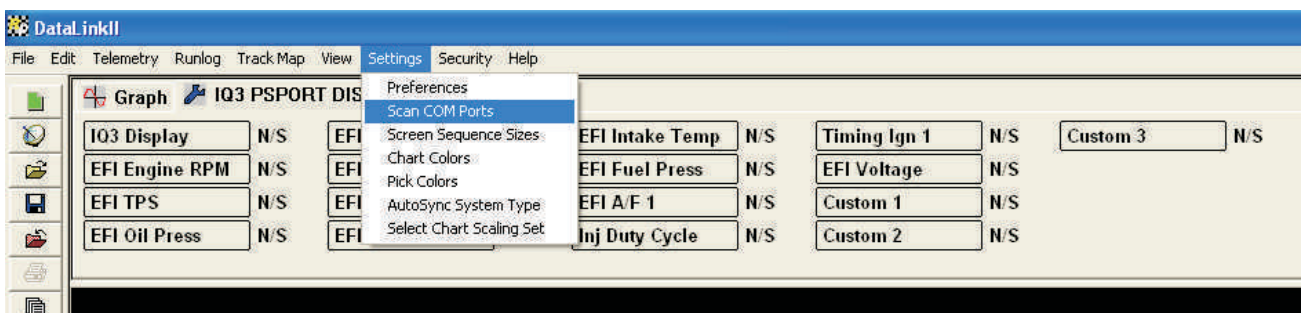
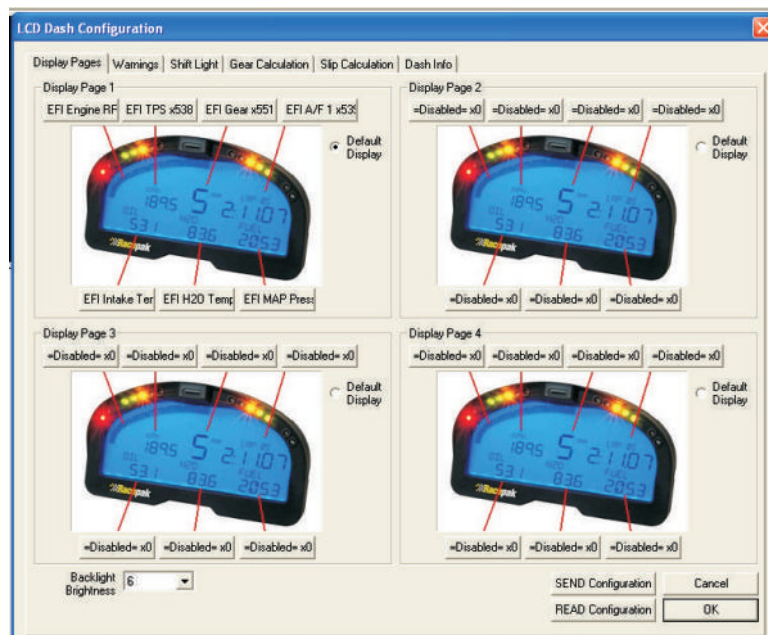6) Go to Edit--> Write VNET Config

7) After all the Channels have been written, the IQ3 Logger Dash is now ready for use and custom screen setups.

8) By default, the Iq3 Logger dash will display RPM, GPS Based Speed, AFR, Coolant Temp in F, Intake Air Temp in F, and Manifold Pressure in PSI. To change these, Right Click on the Channel IQ3 Logger.
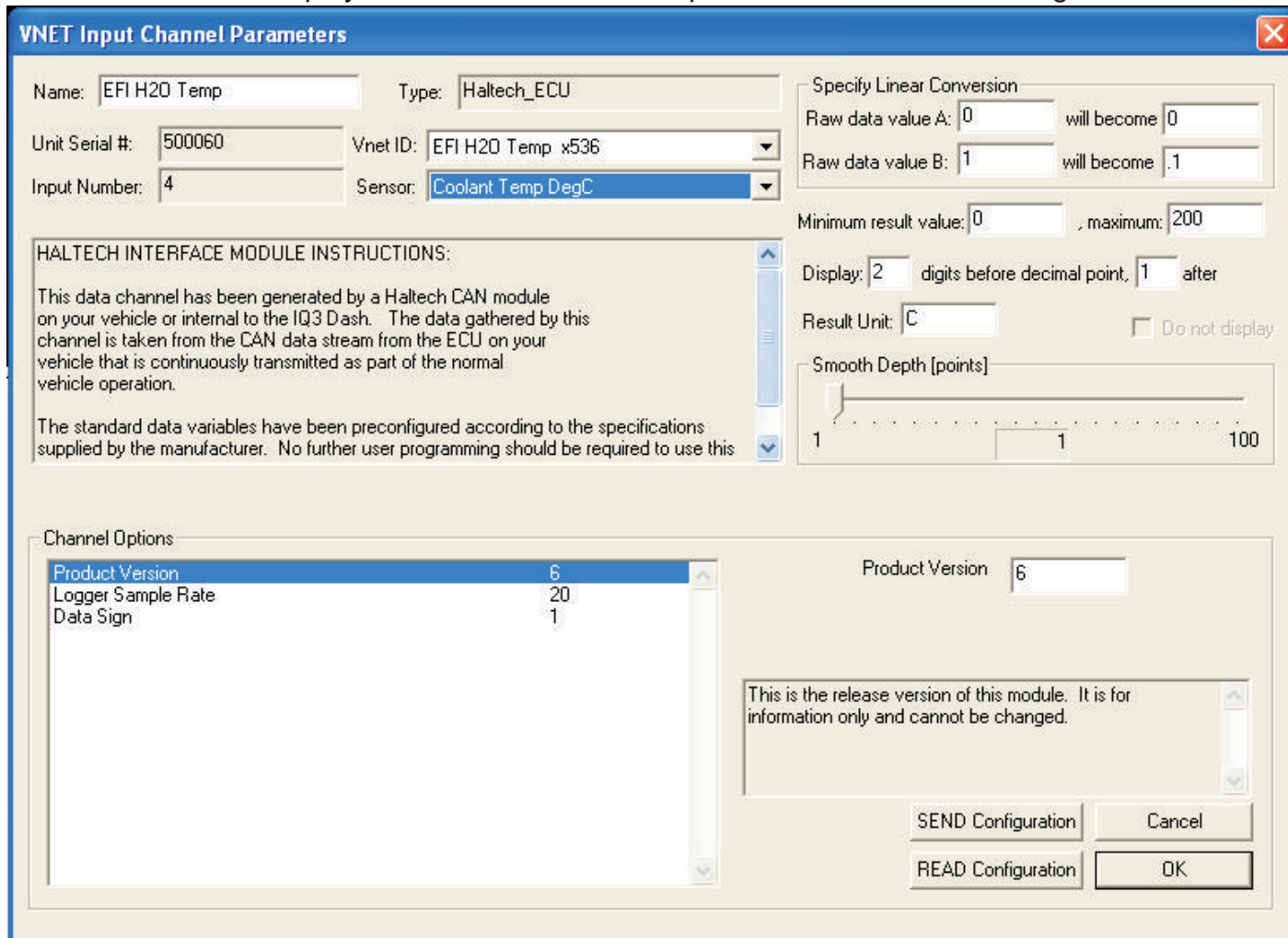

9) The LCD Dash Configuration Screen will pop up.

10) To change what is displayed, Left Click on any of the boxes that have a red line pointing to the screen. You have a maximum of 7 Channels per page possible, with 4 total pages to configure. This means you can display up to a maximum of 28 different sensors/channels from the Haltech ECU.

11) After you left click, the Display Page Setting box will appear. You can configure the following Options:

Channel to Display --> Drop Down Menu, selects what is to be displayed.
Decimals to Display --> How many decimals are displayed for the current channel.
Averaging Filter --> No need to change, leave at default value.
Channel Tag Text --> What is displayed on the dash for that channel, max of 5 Characters.

12) Do this for each channel until each channel you want to be displayed is selected. After configuring each channel, Click SEND Configuration. After all channels are Sent, Click OK.

13) Everything should now be displaying on your IQ3 Logger Dash.

14) If you need to change the units displayed for a particular channel (for example, Celsius to Fahrenheit, AFR to Lambda, mBar to PSI, etc, do the following.

15) Go to the Main Menu as seen below and Right Click on the Channel you wish to alter.

Graph / IQ3 PSPORT LOGGER													
IQ3 Logger	N/S	Gear Indicator	N/S	GPS_MPH	N/S	LapT_Difference	N/S	EFI TPS	N/S	EFI Intake Temp	N/S	Custom 1	N/S
Engine RPM	N/S	Logger Temp	N/S	GPS_Gs	N/S	LatG_Difference	N/S	EFI Oil Press	N/S	EFI Fuel Press	N/S	Custom 2	N/S
Vertical G	N/S	GPS_Data	N/S	GPS_LatG	N/S	AccG_Difference	N/S	EFI H2O Temp	N/S	EFI A/F 1	N/S	Custom 3	N/S
Lateral G	N/S	GPS_Satellites	N/S	GPS_LapX	N/S	MPH_Difference	N/S	EFI Speed	N/S	Inj Duty Cycle	N/S		
Accel G	N/S	GPS_Heading	N/S	LapMarkers	N/S	Time	N/S	EFI Gear	N/S	Timing Ign 1	N/S		
Logger Volts	N/S	GPS_Altitude	N/S	GPS_LapT	N/S	EFI Engine RPM	N/S	EFI MAP Press	N/S	EFI Voltage	N/S		

16) For this example, we are going to use the EFI H2O Temp Channel and change from Degrees Celsius to Degrees Fahrenheit. Upon Right Clicking the Channel you should see the following.
This display is known as the VNET Input Channel Parameters Page.
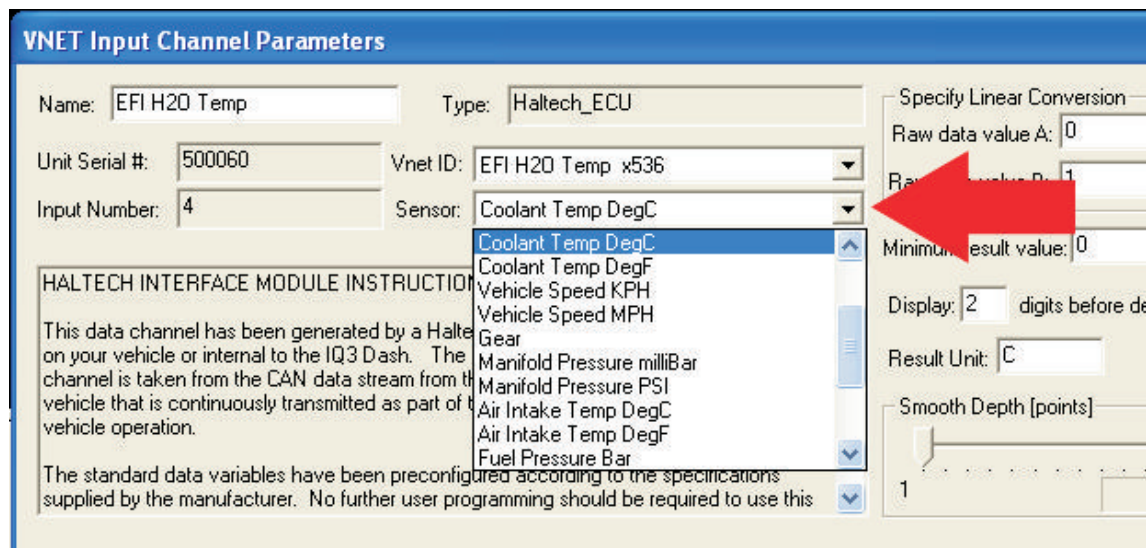
17) To change the units displayed, Left Click on the Drop down button for the box "Sensor" and Click on Coolant Temp DegF to change to Fahrenheit.
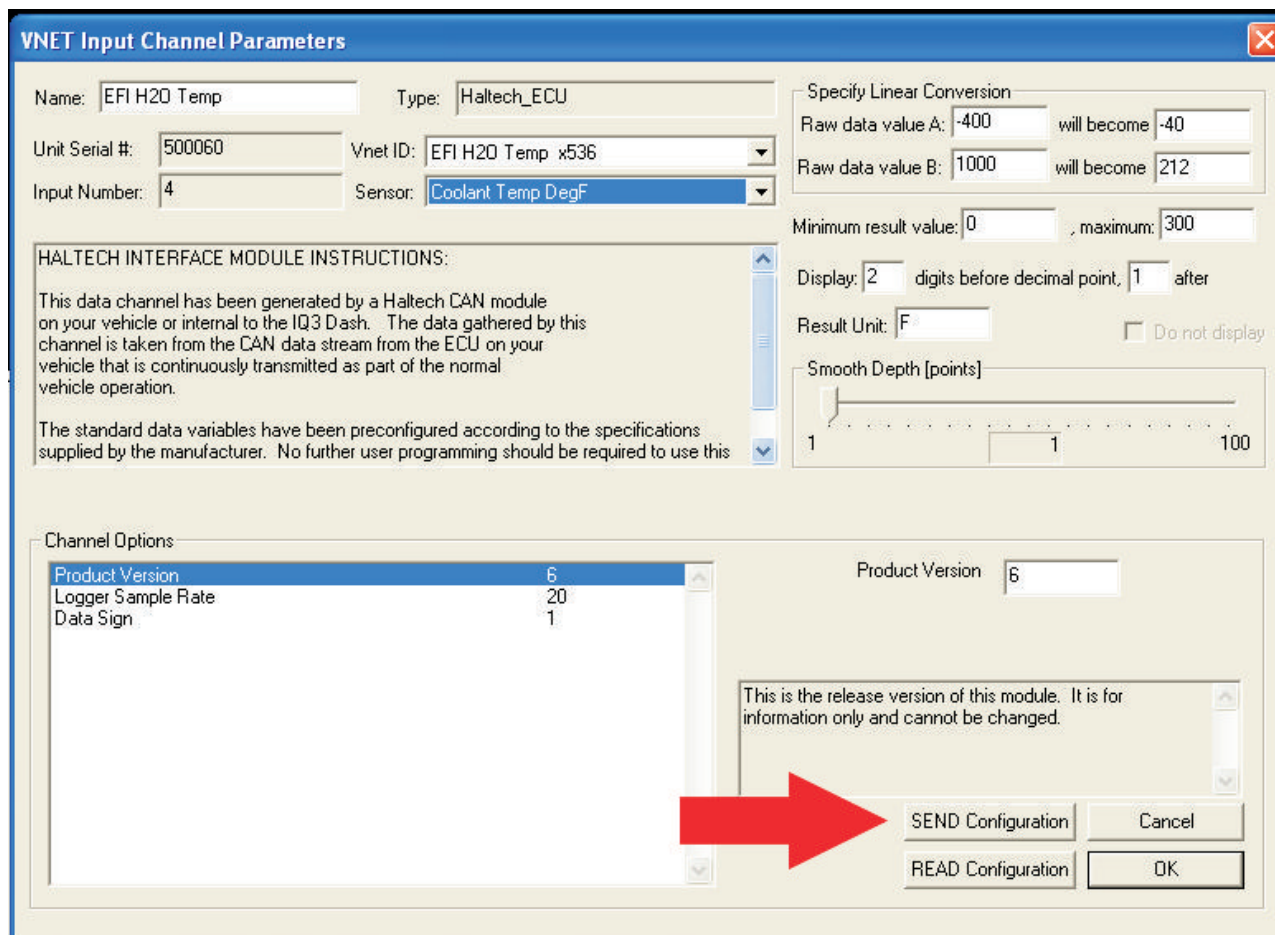
18) Click Send Configuration. The new units should be displayed on your IQ3 Dash. Check this value against the displayed value in the Haltech ECU Manager software to ensure that the proper value is being displayed.

19) Do this for all channels you wish to alter. You MUST be using Racepak Datalink II Software version 3.5.1 or newer for this to work properly.

20) Everything should now be displaying correctly and in the proper units on your IQ3 Logger Dash. For information on connecting your IQ3 to your Haltech Platinum Series ECU, please click here.

Thank you for choosing Haltech Engine Management Systems and the Racepak IQ3 as your total solution for Engine Management and Data Acquisition.