



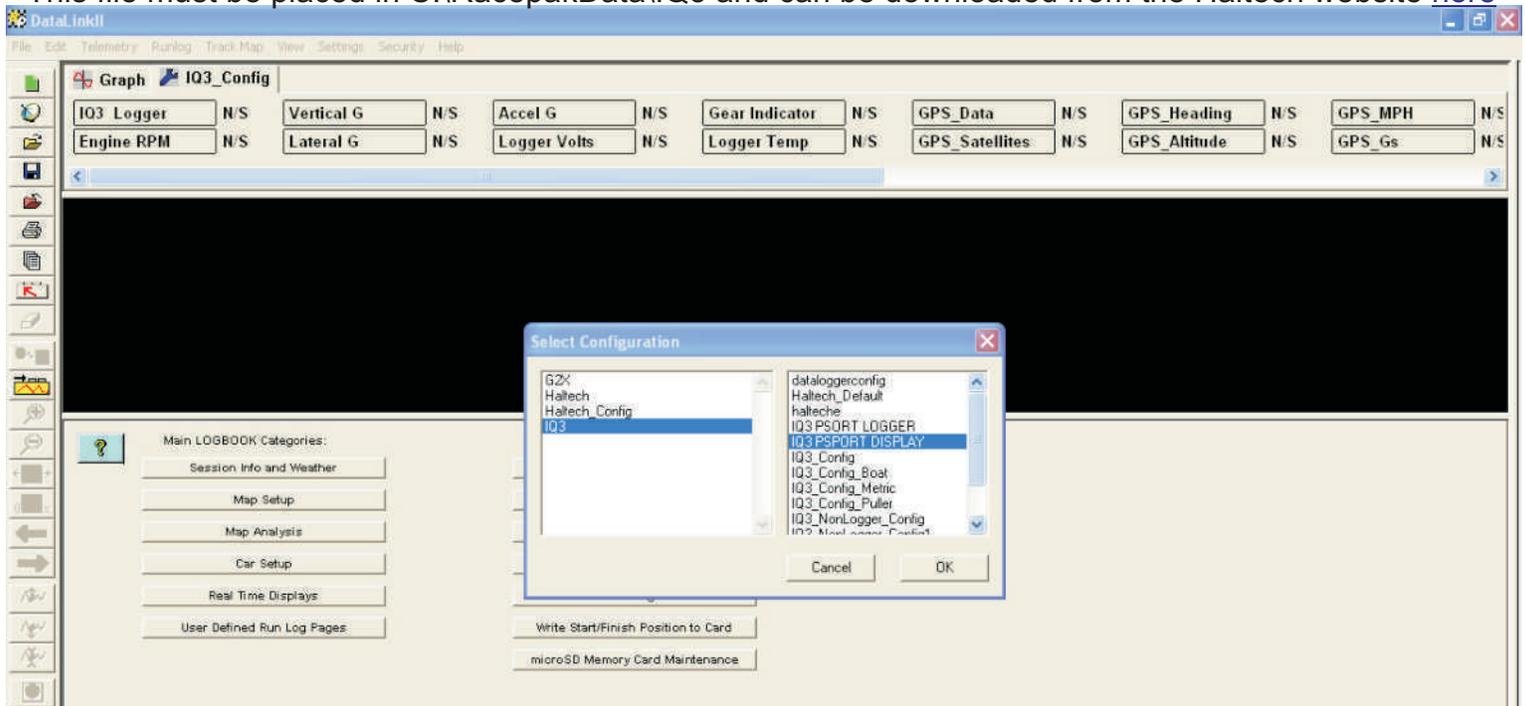
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RACEPAK IQ3 DISPLAY DASH PROGRAMMING

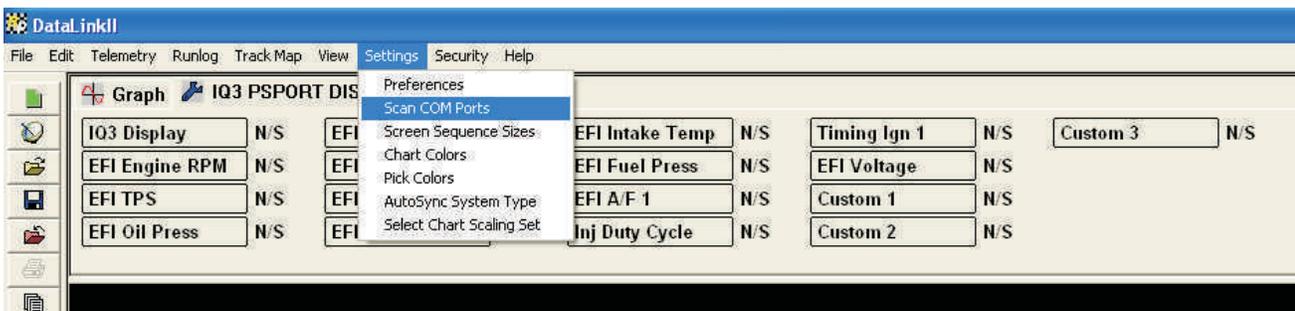
To program an IQ3 Display Dash, follow the steps below.

- 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 DISPLAY](#)

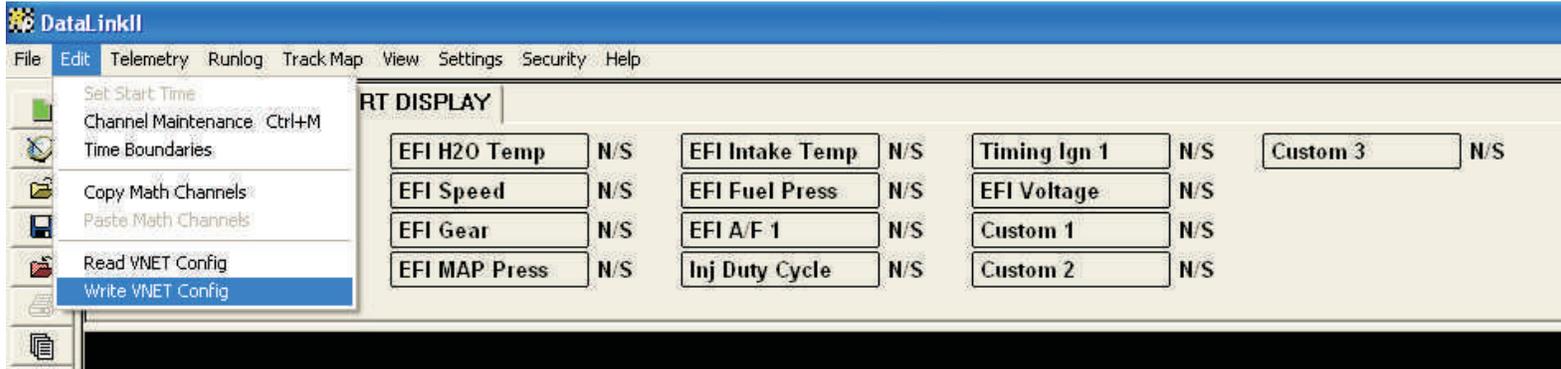
This file must be placed in C:\RacepakData\IQ3 and can be downloaded from the Haltech website [here](#)



- 5) Go to Settings--> Scan Com Ports



6) Go to Edit--> Write VNET Config

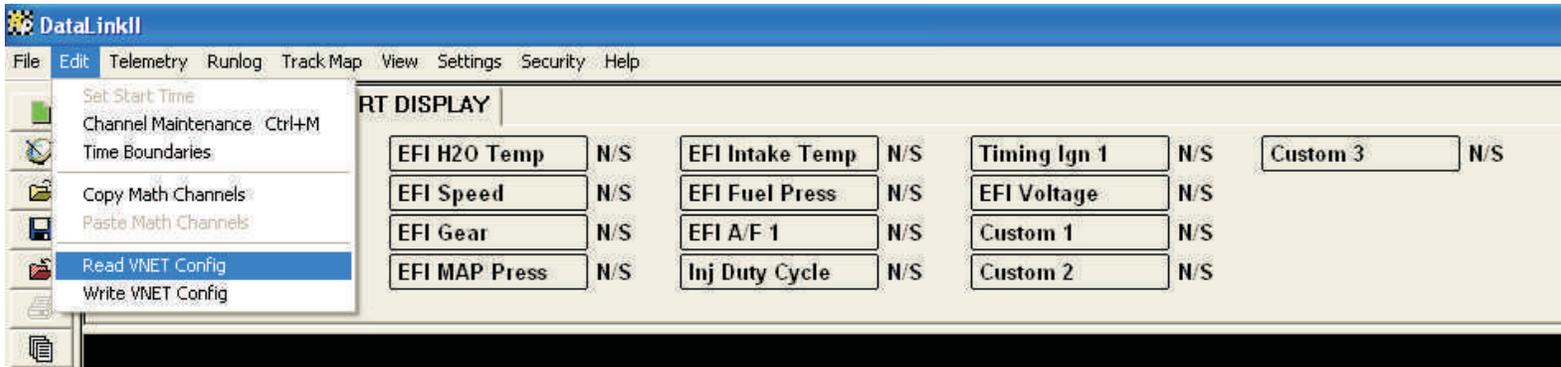


7) You will receive a pop up stating that the VNET Device IQ3 Display is not responding, Click OK

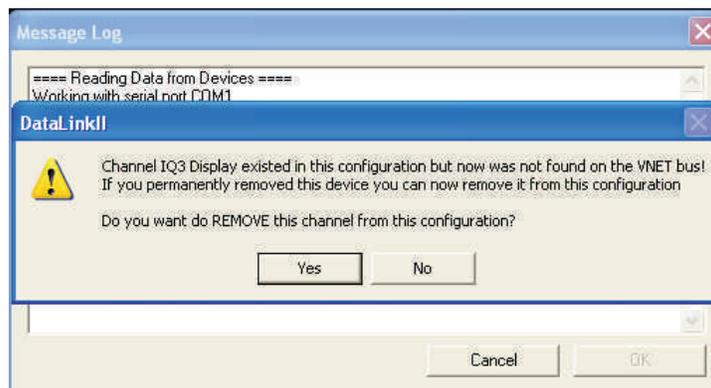


8) After all channels have been read successfully, click OK.

9) Go to Edit --> Read VNET Config

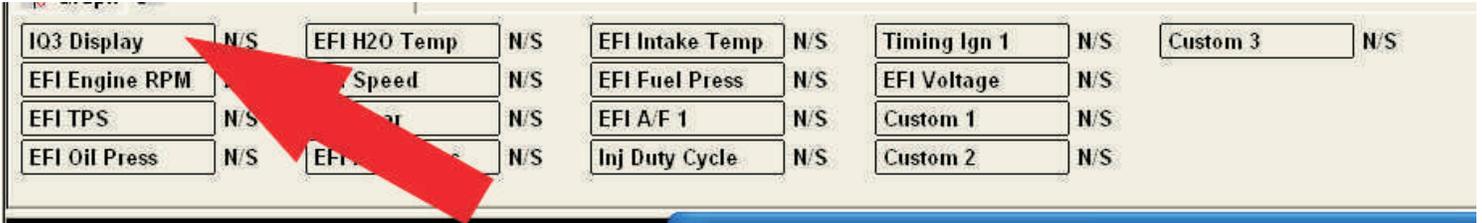


10) You will receive a pop up stating that the IQ3 Display no longer exists for this configuration, click OK

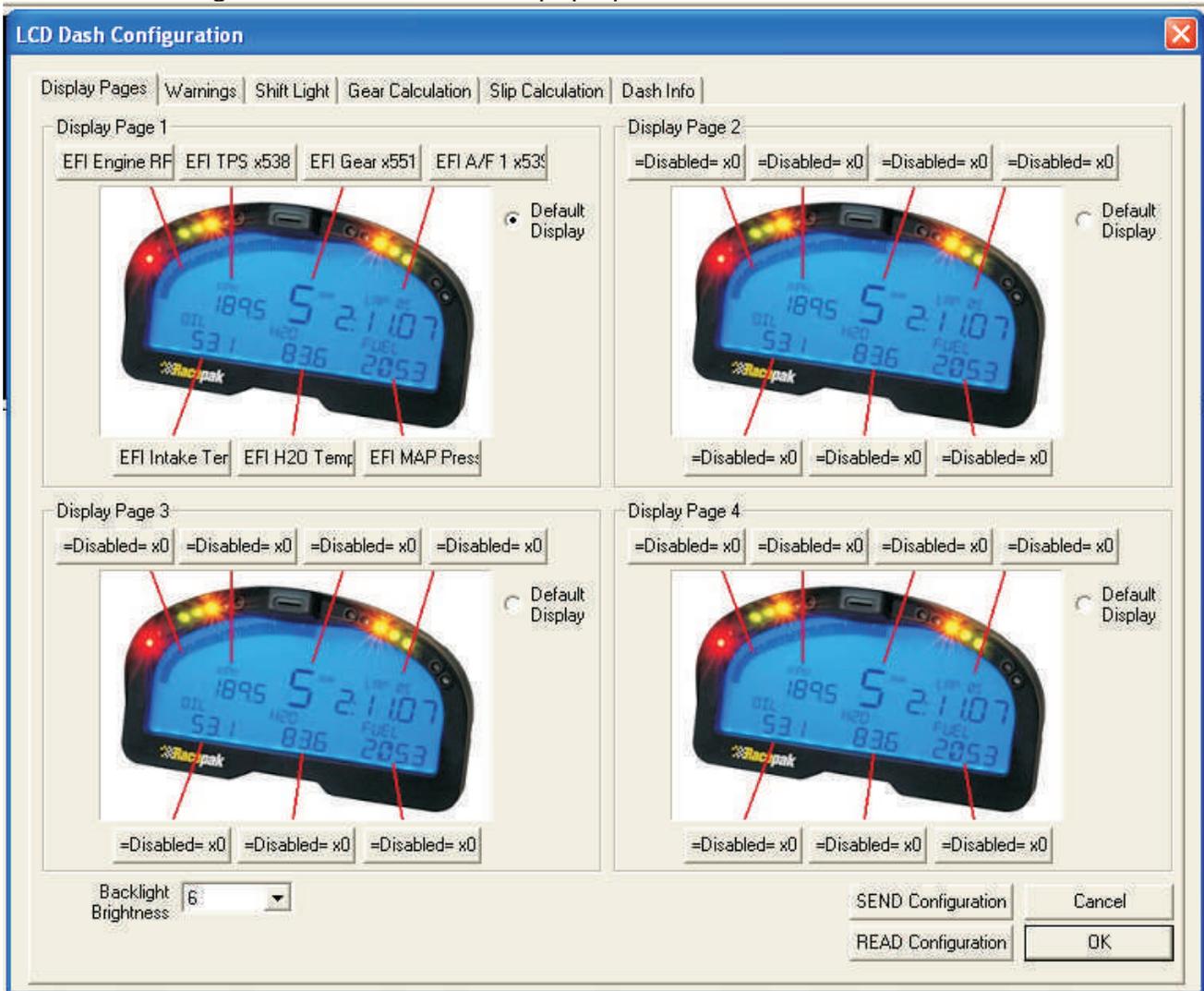


11) When all channels have been successfully read, Click OK.

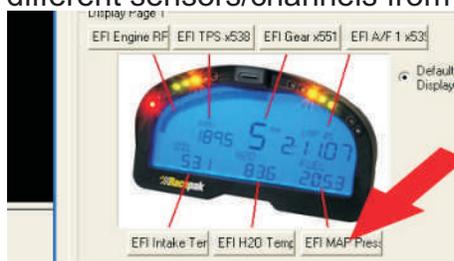
12) To change the channels currently displayed on your IQ3 Display Dash, right click on the Channel IQ3 Display



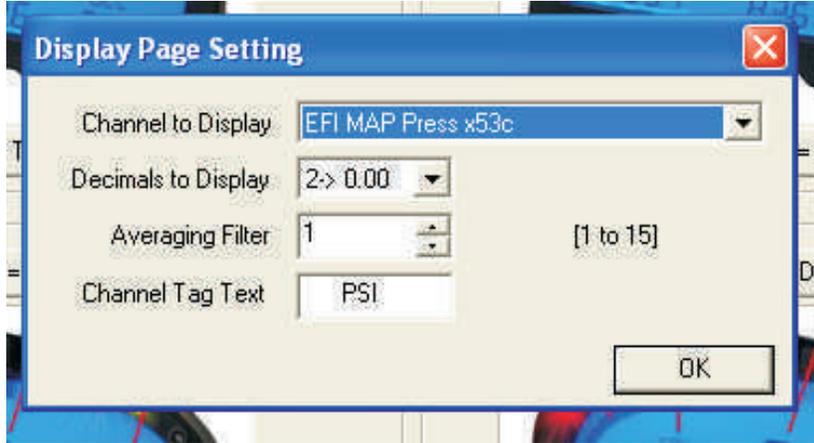
13)The LCD Dash Configuration Screen will now pop up.



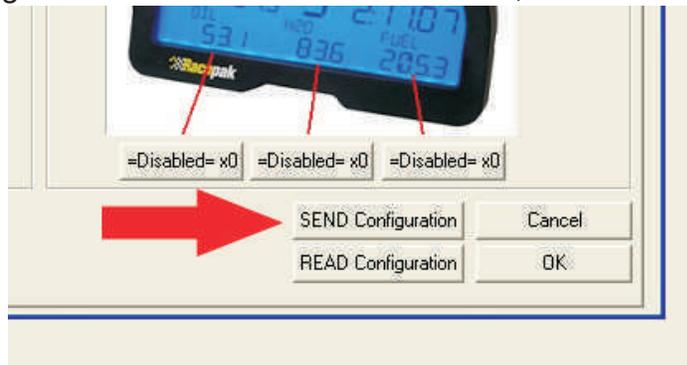
14) To change what is displayed, Left Click on any of the boxes that have a red line pointing to the screen. You have a maximum of 7 Channels per page possible, with 4 total pages to configure. This means you can display up to a maximum of 28 different sensors/channels from the Haltech ECU.



- 15) 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.



- 16) 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.



- 17) Everything should now be displaying on your IQ3 Display Dash.
 18) 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.
 19) Go to the Main Menu as seen below and Right Click on the Channel you wish to alter.

Graph		IQ3 PSPORT DISPLAY							
IQ3 Display	N/S	EFI H2O Temp	N/S	EFI Intake Temp	N/S	Timing Ign 1	N/S	Custom 3	N/S
EFI Engine RPM	N/S	EFI Speed	N/S	EFI Fuel Press	N/S	EFI Voltage	N/S		
EFI TPS	N/S	EFI Gear	N/S	EFI A/F 1	N/S	Custom 1	N/S		
EFI Oil Press	N/S	EFI MAP Press	N/S	Inj Duty Cycle	N/S	Custom 2	N/S		

20) 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.

VNET Input Channel Parameters

Name: Type:

Unit Serial #: Vnet ID:

Input Number: Sensor:

Specify Linear Conversion
 Raw data value A: will become
 Raw data value B: will become

Minimum result value: , maximum:

Display: digits before decimal point, after

Result Unit: Do not display

Smooth Depth [points]
 1 100

HALTECH INTERFACE MODULE INSTRUCTIONS:
 This data channel has been generated by a Haltech CAN module on your vehicle or internal to the IQ3 Dash. The data gathered by this channel is taken from the CAN data stream from the ECU on your vehicle that is continuously transmitted as part of the normal vehicle operation.
 The standard data variables have been preconfigured according to the specifications supplied by the manufacturer. No further user programming should be required to use this

Channel Options

Product Version	6
Logger Sample Rate	20
Data Sign	1

Product Version

This is the release version of this module. It is for information only and cannot be changed.

SEND Configuration Cancel
 READ Configuration OK

21) 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.

VNET Input Channel Parameters

Name: Type:

Unit Serial #: Vnet ID:

Input Number: Sensor:

Specify Linear Conversion
 Raw data value A:
 Raw data value B:

Minimum result value:

Display: digits before de

Result Unit:

Smooth Depth [points]
 1

HALTECH INTERFACE MODULE INSTRUCTIONS:
 This data channel has been generated by a Haltech on your vehicle or internal to the IQ3 Dash. The channel is taken from the CAN data stream from the vehicle that is continuously transmitted as part of the vehicle operation.
 The standard data variables have been preconfigured according to the specifications supplied by the manufacturer. No further user programming should be required to use this

Channel Options

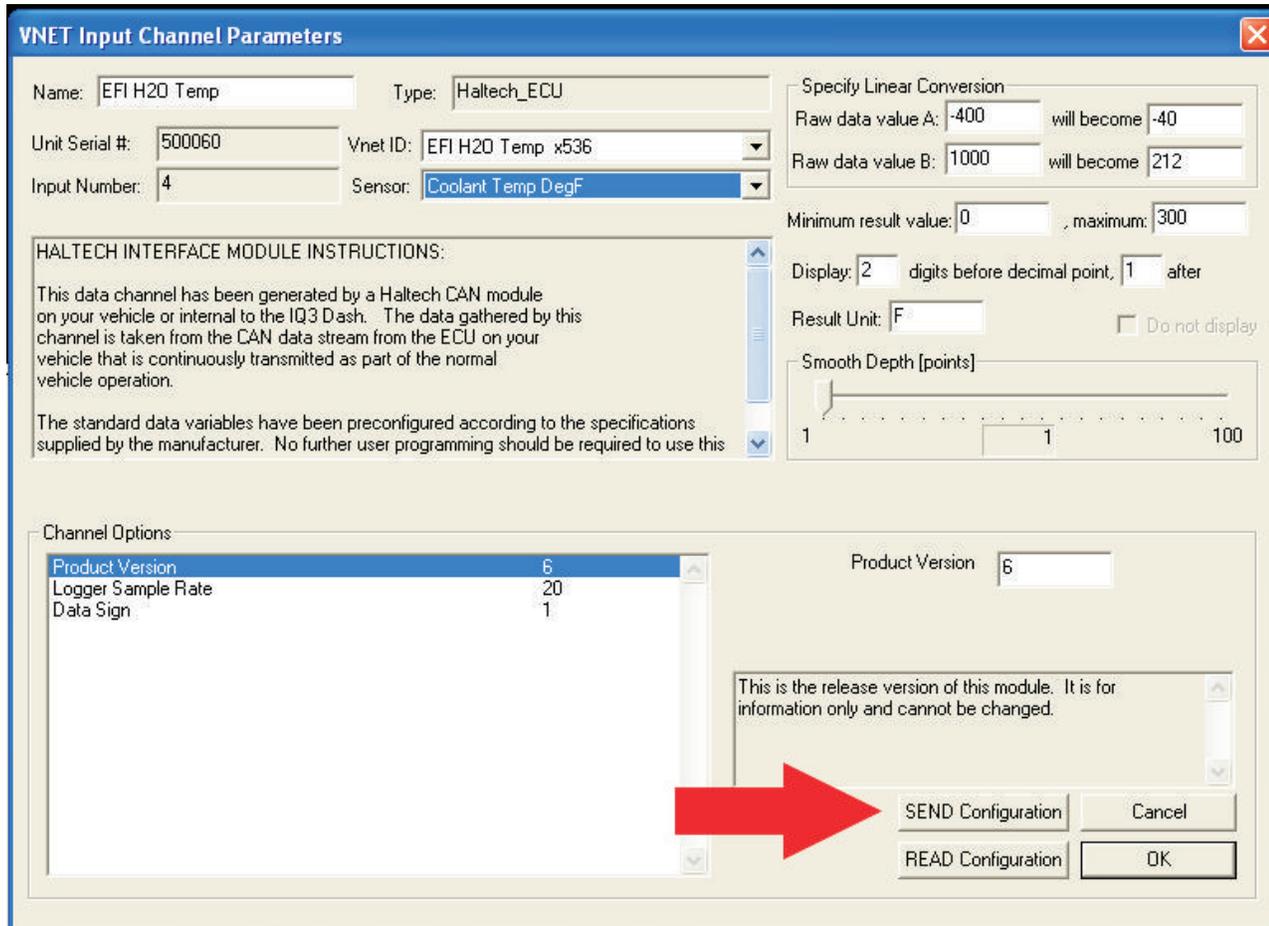
Product Version	6
Logger Sample Rate	20
Data Sign	1

Product Version

This is the release version of this module. It is for information only and cannot be changed.

SEND Configuration Cancel
 READ Configuration OK

22) 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.



23) 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.

24) Everything should now be displaying correctly and in the proper units on your IQ3 Display 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.