

Step 1 – Setup Connection



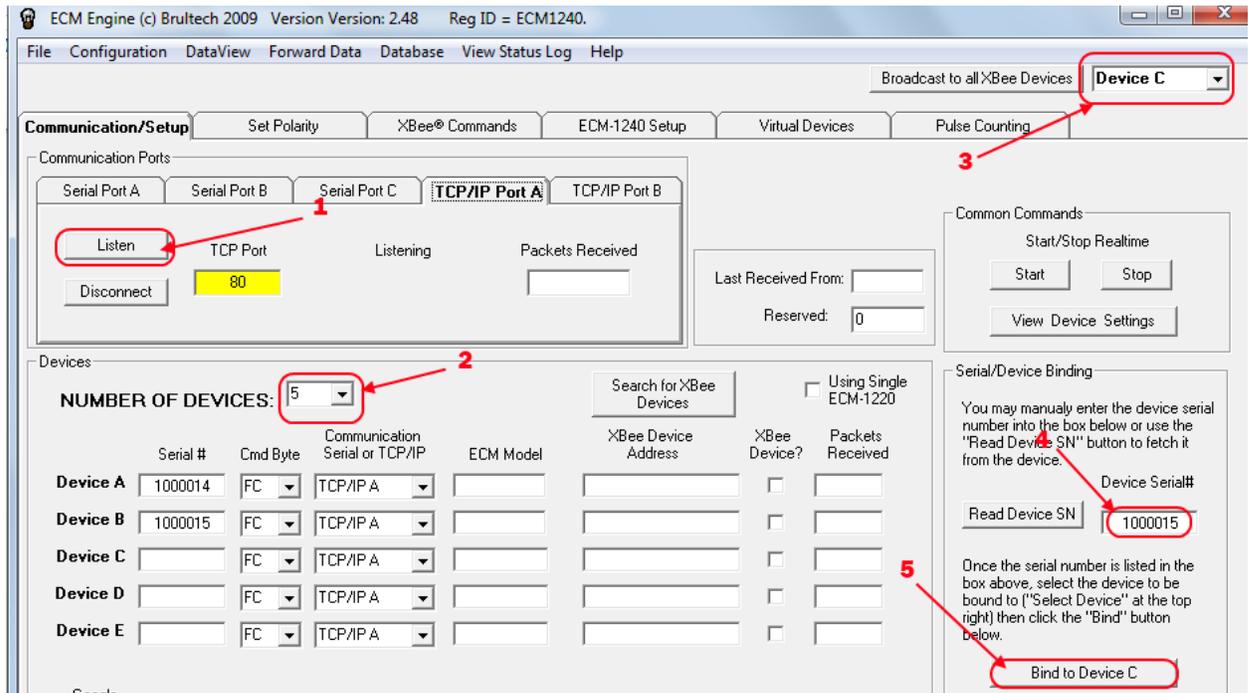
1. Select your communication method; this will be dependent on what type of module you have.
 - a. WiFi – Setup Mode (This is when in Ad-hoc mode, the default WiFi port is 8000)
 - b. Ethernet – This will most likely use TCP/IP Server, the port can be configured using our EtherX software.
 - c. Serial – An in-between program must be used, this will be dependent on your operating system. TCPCOM32 (<http://sourceforge.net/projects/tcpcom32/>) is a suggestion for Windows.
2. Click Connect.

Step 2 – Packet Format Setup

The screenshot displays the 'System Settings' and 'Current Settings' panels. The 'System Settings' panel includes fields for PT Type (194), Range (4), and Phase (Single Phase selected). The Packet Format is set to 'Binary ECM-1240' with a Send Interval of 7 seconds. The 'Current Settings' panel shows the same configuration reflected on the right side. Red boxes and arrows highlight the 'System' tab, the 'Binary ECM-1240' dropdown, the 'Save Settings' button, and the 'Refresh' button.

1. Click the System Tab
2. Under Packet Format, select the Binary ECM-1240 format
3. Click the Save Settings button, the same setting should be reflected on the right.
4. If you haven't already, configure your CT Settings in the Channels tab. The Real-Time Data tab can be used to verify your readings.

Step 3 – Engine Setup



1. Setup your connection, same as Step 1.
 - a. If using TCP/IP, your connection method must be set in Client Mode as the EngineG software acts like a server.
2. Configure number of devices to 5, if you're adding an the GEM to an existing ECM-1240 setup, make this number 6.
3. Select the first new device.
4. Input the first serial number.
 - a. This number will be your GEMs serial number minus the first digit, in this case it's 1000014 (the original serial number is 0100014).
5. Click "Bind to Device X" and wait.
6. Repeat for all 5 devices.
 - a. For the next device, iterate the serial number by 1.