Programming Instructions for DS2
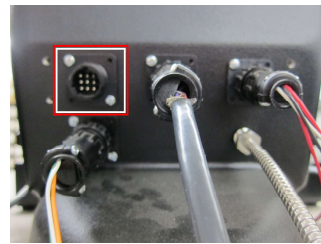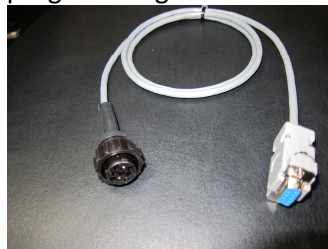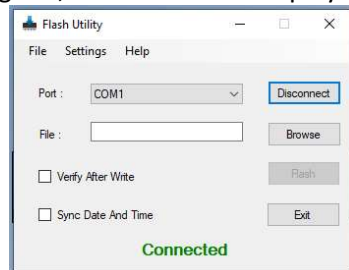
1. Print the Calibration Report (CALTKT) from the Delivery Menu – This will print ALL settings in the Ecount

2. Print a Delivery Ticket – This way we know the ticket format

3. Extract the Ecount Firmware Version File to a folder on your computer
   A. The HEX file is the Ecount Firmware (In Intel HEX Format)

4. Install Flash Utility Program
   A. Download and Install the Flash Utility from www.midcomcorp.com

5. Unscrew the "Program" screw on the front of the Ecount

6. Program the Ecount with the new Firmware Version
   A. Connect the Ecount Programming Harness from the Serial Port on the PC to the programming Port on the Ecount
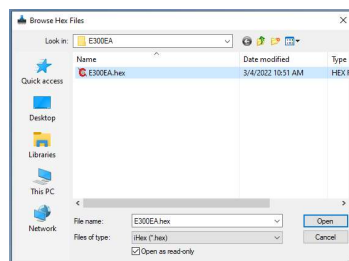

   B. Open the Flash Utility
   C. Select the correct Com Port and Click "Connect"
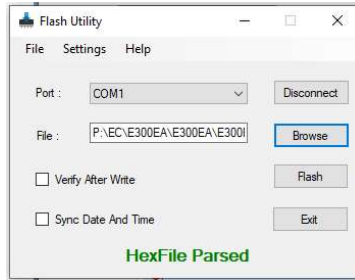   If everything is good, Connected will display on the bottom of the window

   D. Click "Browse" and browse to the folder where you extracted the Firmware Version file to
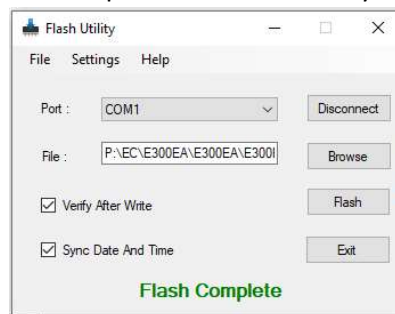
E. Select file you want to load and Click "Open"

F. If you want to Verify after Writing, select that box. If you want to Sync the Time and Date, Select that box.

G. When you are ready, Click "Flash"

It will Display Writing Flash until it's complete and will then say Flash Complete

7. After the update is finished, screw the "Program" screw back in

A. The Ecount should reset (It may be necessary to reset several times)

B. Cycle power to the Ecount each time you are prompted to do so

8. Reload the Ecount Settings

A. Print a Calibration Report (CALTKT) and compare it to the previous ticket and change any settings that need to be changed.