



IF YOU ARE HAVING DIFFICULTY WITH WINDOWS OR THE SOFTWARE RECOGNIZING THE USB COM PORT FOR THE MINI-PLC...

1. Go into Device Manager - use the Start and search for 'Device Manager' or go in via the control panel. This will give a list of all the devices on your system. There may be some slight variation on the instructions for the various Windows O/S versions. Consult Windows Help and Support if you require further assistance.
2. Plug in the APB-DUSB usb device. The device list will update and show a new device under the 'COM & LPT' devices. If you have more than 1 COM channel showing up select the one that is identified as the FTDI device. By plugging and un-plugging the APB-DUSB you will quickly see which device is appearing/disappearing.
3. Make sure that the device is 'working properly' - clicking on the device name will bring up the property page/general display which reports whether the device is working. Plug the APB-DUSB into the APB controller - immediately below the two LED's on the controller. The wire will be on the right hand side and the connector should 'snap' in. Going into the APB-Soft program click on the 'open com port' icon immediately below the word 'language' along the top and select the appropriate 'com' port. The 'Device Address' will default to '1' - you can check that by using the HMI 'tools' - select the 'PLC' option and ensure that the device ID is also set to 1.
4. If the device driver is not 'working properly' I would uninstall the driver (COMx/Properties Page/Driver) and then re-install with a fresh downloaded copy from our website: http://www.ingramproducts.com/plcsupport/usb_232_driver.zip
5. The driver should self-extract and run. (Typically run the install without the APB-DUSB plugged in & 'restart' the PC to be doubly safe.)
6. The other option - if the Device manager recognizes the device at all is to run the Update Driver (COMx/Properties Page/Driver) option. Allow Windows to search for an update and it will first check you system and then check 'online'. The FTDI interface is pretty much a defacto standard and it will typically find an updated version and will automatically install it. You will have to restart the system after Windows updates the driver.

9/24/2012