

Manual Installation of FTDI Drivers for the USB FS SERIAL UART Chip used in the Revolectrix FUIM3 USB Adapter

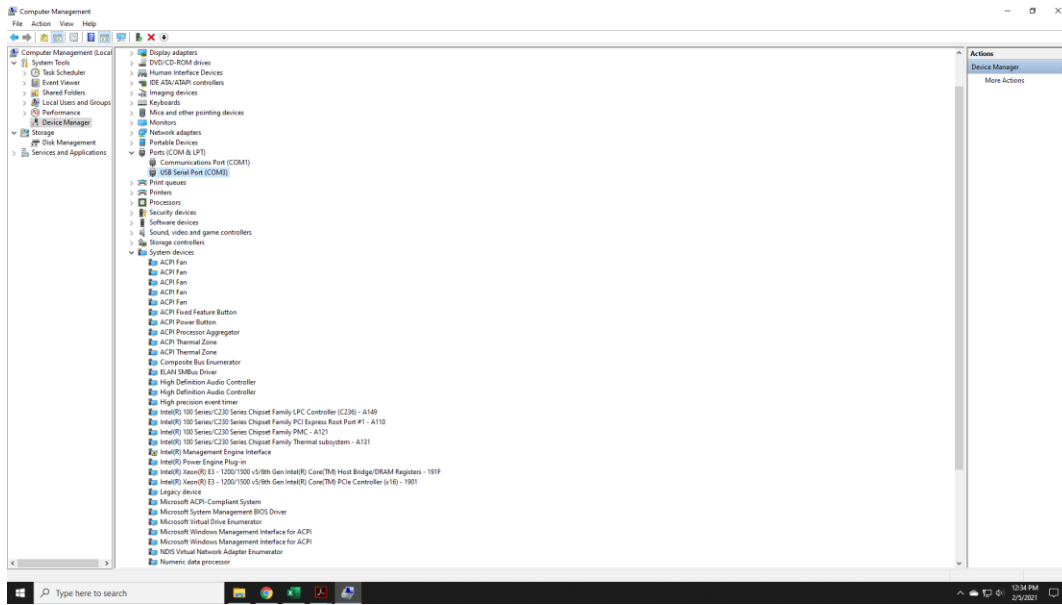
Document Updated 02/15/21

The following instructions have been tested with Windows 10 version 20H2. They may or may not work with other versions of Windows. Follow these instructions when the instructions provided at http://www.revolectrix.com/new_applications/pc.usb.html (this page accessible from the Download USB Driver link on any of our CCS applications) do not work.

Please proceed as follows:

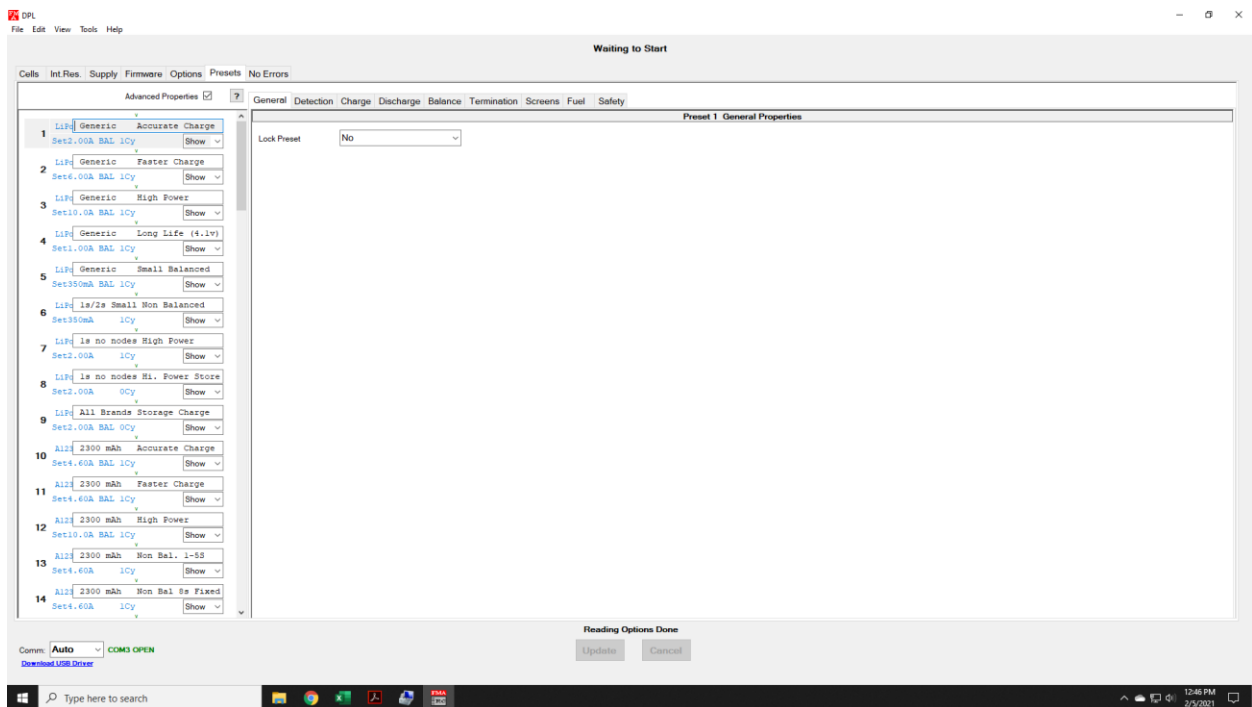
- 1) download the zip file "CDM21228_Setup.zip" from the following link on the Revolectrix main website:

www.revolectrix.com/support_docs/FUIM3_Driver_ZIP/CDM21228_Setup.zip
- 2) extract the contents to a folder on your hard drive where you can easily locate the CDM21228_Setup.exe executable.
- 3) follow the instructions on page 3 of this document (page 5 of the FTDI Drivers Installation Guide for Windows 10) which instructs you to right-click the executable file and Run as Administrator.
- 4) after you run the executable, plug the USBA end of the cable connected to the FUIM3 into an available USB port. You should hear an audible tune and the red LED on the FUIM3 should flicker for a time.
- 5) To confirm proper installation, Device Manager should now resemble the screen capture on the following page of this document.



Note: "USB Serial Port (COM#)" should appear under "Ports (COM & LPT)" as shown above.

- 6) The instructions we provide at http://www.revolectrix.com/new_applications/pc.usb.html (this page accessible from the Download USB Driver link on any of our CCS applications) should now work as advertised.
- 7) Launch your CCS application, power ON the charger, plug the 3 pin JR style servo plug into the charger's data port (observe proper polarity), and see that the text at the top of the CCS application changes from "No Data from [charger model]" to "Waiting to Start" (see the following screen capture):



3.2 Pre-Installation using the FTDI setup executable

The Windows 10 CDM driver is also available as a setup.exe from the [FTDI Web Site](#), as shown in Figure 3.2.

The executable copies the default FTDI driver to the PC's driver store prior to the FTDI device being plugged into the PC.

Operating System	Release Date	Processor Architecture							Comments
		x86 (32-bit)	x64 (64-bit)	PPC	ARM	MIPSII	MIPSIV	SH4	
Windows*	2015-11-23	2.12.10	2.12.10	-	-	-	-	-	2.12.10 WHQL Certified Available setup_executable Release Notes

Figure 3.2 Setup Executable Location

Download the setup.exe and right-click and select 'Run as administrator' as shown in Figure 3.3.

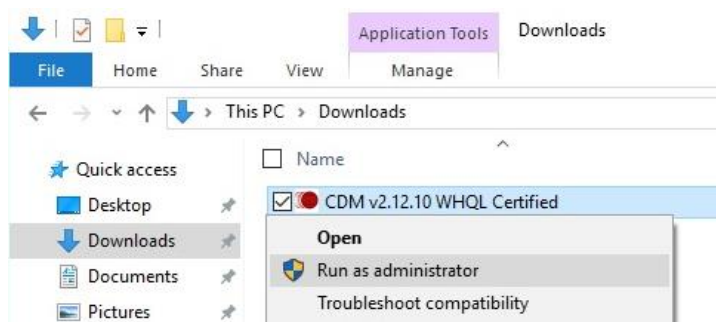


Figure 3.3 Setup Executable Run as administrator

You may see a message from 'User Access Control' asking 'Do you want to allow this app to make changes to your PC?'. If so, click Yes to continue.

Press the Extract button as shown in Figure 3.4.