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.

Computer Management			-	σ×								
File Action View Help												
E Computer Management (Local	> 🔤 Display adapters	^ Act	ions									
✓	> DVD/CD-ROM drives	De	ice Manager									
> 🕑 Task Scheduler	> R Human Interface Devices		nce manager	_								
> 👔 Event Viewer	> 🛬 IDE ATA/ATAPI controllers		More Actions	,								
> 👔 Shared Folders	> 🞝 Imaging devices											
> A Local Users and Groups	> Explored S											
> (S) Performance	> Whice and other pointing devices											
Util Device Manager	> Wondors											
Storage Dick Management	2 Previous adapters											
 E Senicer and Applications 	 Portional Detection Portional Detection 											
/ B sences and appreciations	Comparison Port (COM1) Communication Port (COM1)											
	W USB Seriel Port (CON3)											
	Print queues											
	> R Printers											
	> Processors											
	> 🛐 Security devices											
	> Software devices											
	> 🧃 Sound, video and game controllers											
	> Say Storage controllers											
	✓ Ip System devices											
	En ACPI Fan											
	ACP Fen											
	ACP Fen											
	ALL PAN											
	E ALCIION											
	Pice Protect Factor Factor Factor D Droad Refer to Anno Sector Factor											
	Construction of the second sec											
	A A A A A A A A A A A A A A A A A A A											
	4 CPI Thermal Zone											
	Composite Bus Enumerator											
	ELAN SMEus Driver											
	High Definition Audio Controller											
	🏣 High Definition Audio Controller											
	🏣 High precision event timer											
	Intel(R) 100 Series/C220 Series Chipset Family LPC Controller (C236) - A149											
	Intel(R) 100 Series/C230 Series Chipset Family PCI Express Root Port #1 - A110											
	Intel(R) 100 Series/C230 Series Chipset Femily PMC - A121											
	Intel(i) 100 Series/C230 Series Chipset Pamily Thermal subsystem - A131											
	Fig. Intel(X) Management Engine Interface											
	metry hower upper hugen											
	Intel(y) Asser(y) Ex - 1200 (150 y) 2001 Ole Intel(y) Cole (int) Host Biologic OleAN Registers - 1310 Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Registers - 1310 Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (150 y) (2016) Intel(y) Asser(y) Ex - 1200 (150 y) (2016) Cole (15											
	 Interface section 20 - 1000 state and the section of the section of											
	Stores of a Children Statem											
	Microsoft System Management BIOS Driver											
	Microsoft Virtual Dive Enumerator											
	The Microsoft Windows Management Interface for ACPI											
	Intersective Management Interface for ACPI											
	🏣 NDIS Virtual Network Adapter Enumerator											
< >	Tap Numeric data processor	~										
			- 1234	PM								
Type here to sea	in 🧧 🦉 🚈 🖾 🕼		1 Q1) 2/5/2	1021								
_												

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

- 6) The instructions we provide at <u>http://www.revolectrix.com/new_applications/pc.usb.html</u> (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.

	Processor Architecture								
Operating System	Release Date	x86 (32-bit)	x64 (64-bit)	PPC	ARM	MIPSII	MIPSIV	SH4	Comments
Windows*	2015-11-23	2.12.10	2.12.10		×.			-	2.12.10 WHOL Control Available a stetup executable Releaser runss

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.