

REVISION	CHANGE	APPROVED	DATE
0	Provisional Release	MJE	10Mar2025

SI-0034

Install FTDI USB Driver

Instruction



SUBJECT:

Installing the FTDI USB Driver for the Airmaster Serial Cable

ASSEMBLY NO:

A0117

APPLICABILITY:

AC200 and AC300 Controllers

1. TOPIC

1.1 Introduction

This instruction covers the installation of the FTDI USB driver

Airmaster controllers use a USB to RS232 conversion cable when communicating between the controller and a Windows PC. This cable uses a driver chip made by FTDI and requires a software driver.

Normally the windows environment (10/11) will automatically detect the cable when it is plugged in to the pc, and download the appropriate driver. However if this does not happen automatically, then the driver can be installed manually.

2. MATERIAL REQUIREMENTS

2.1 Parts

ITEM	QTY	PART NO.	DESCRIPTION	IMAGE
1.	1	A0117	Serial Cable	

2.2 Tooling

ITEM	QTY	DESCRIPTION	IMAGE
1.	1	PC running Windows 10 or 11	

2.3 Admonishments

	WARNING <i>Use this admonishment for information that if not followed may lead to injury/death, or severe damage to the propeller.</i>
	Caution <i>Use this admonishment for information that if not followed may compromise the safety of the operator or lead to improper function/or damage to the propeller.</i>
	Note <i>Use this admonishment to provide technical advice, method technique, or other additional information that will further the operator's understanding of how to accomplish the task.</i>
	Attention <i>Use this admonishment to highlight "Material information" or technical information pertaining to a particular step e.g. consumables, setup of tooling, torque values etc.</i>

3. PROCEDURE

3.1 Preparation

PROCEDURE

Step 1 Preparation

- Ensure the windows environment is up to date
- Make sure the PC is connected to the internet

Note You do not have to have the AC200 or 300 controller connected at this point



3.2 Automatic Install

PROCEDURE

Step 1 Plug In Cable to USB port

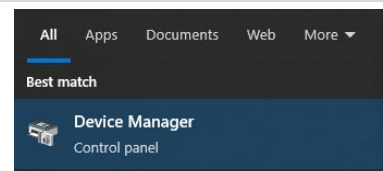
- Wait for Windows to identify driver

Note Green and Red Led should briefly flash when usb first plugged in



Step 2 Confirm Connection

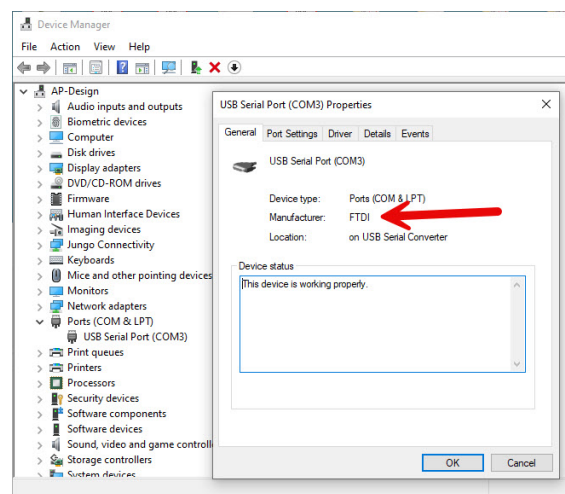
- Hit windows key and search windows for Device Manager



Step 3 Check port number

- Open the Ports Icon to show USB connections

Note If the USB port properties show the driver manufacturer as FTDI, the driver is correctly installed

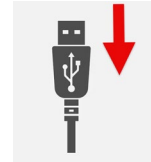


3.3 Manual Install

If the automatic installation does not work, try installing the driver manually.

PROCEDURE

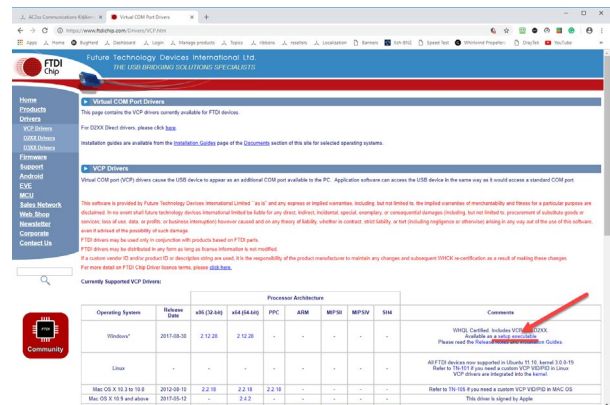
Step 1 Remove USB cable from pc



Step 2 Navigate to FTDI website

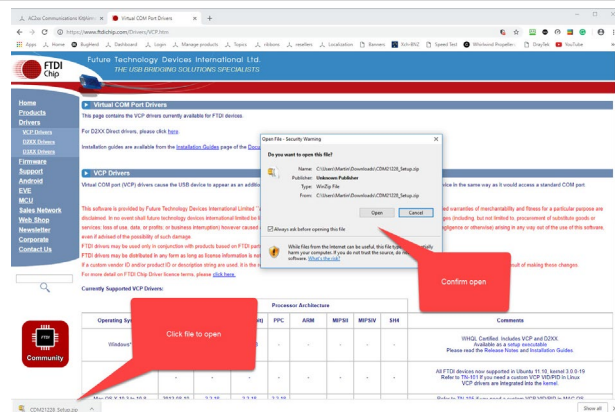
- www.ftdichip.com/Drivers/VCP.htm
- Choose appropriate driver to your pc

Note This is usually Windows x64 for modern machines



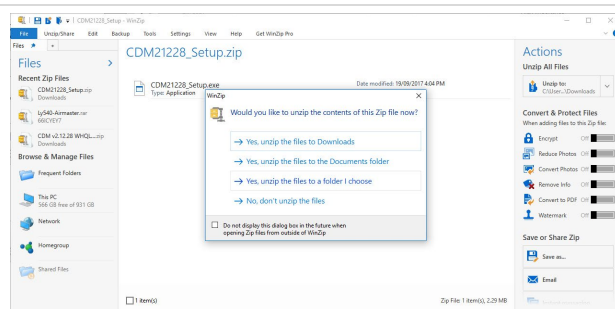
Step 3 Download file

- Open downloaded file

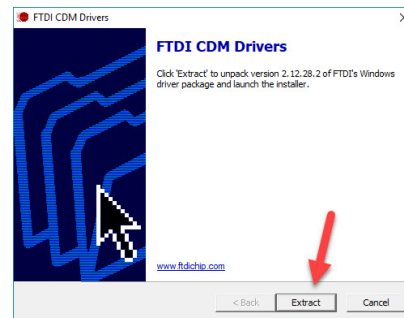


Step 4 Unzip

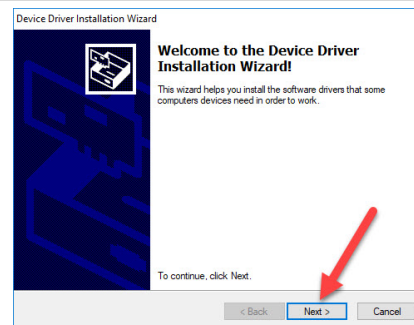
- Choose temp folder to unzip to.



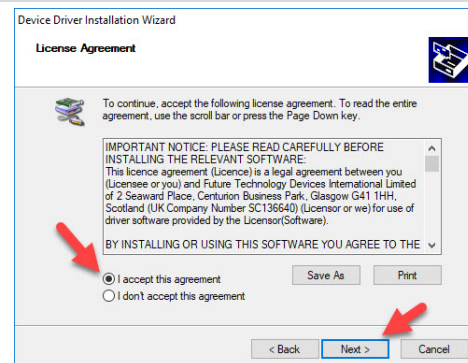
Step 5 Confirm Extraction



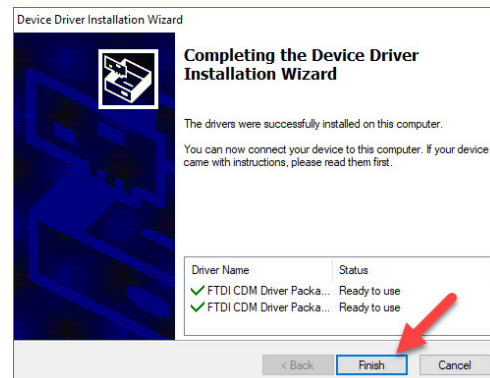
Step 6 Install driver



Step 7 Accept Agreement



Step 8 Confirm Finish



3.4 Subsequent Action

Perform the following tasks once this procedure is complete:

- Plug USB cable into pc
- Confirm port number 3.2 step 3
- Connect AC controller with power to confirm connection