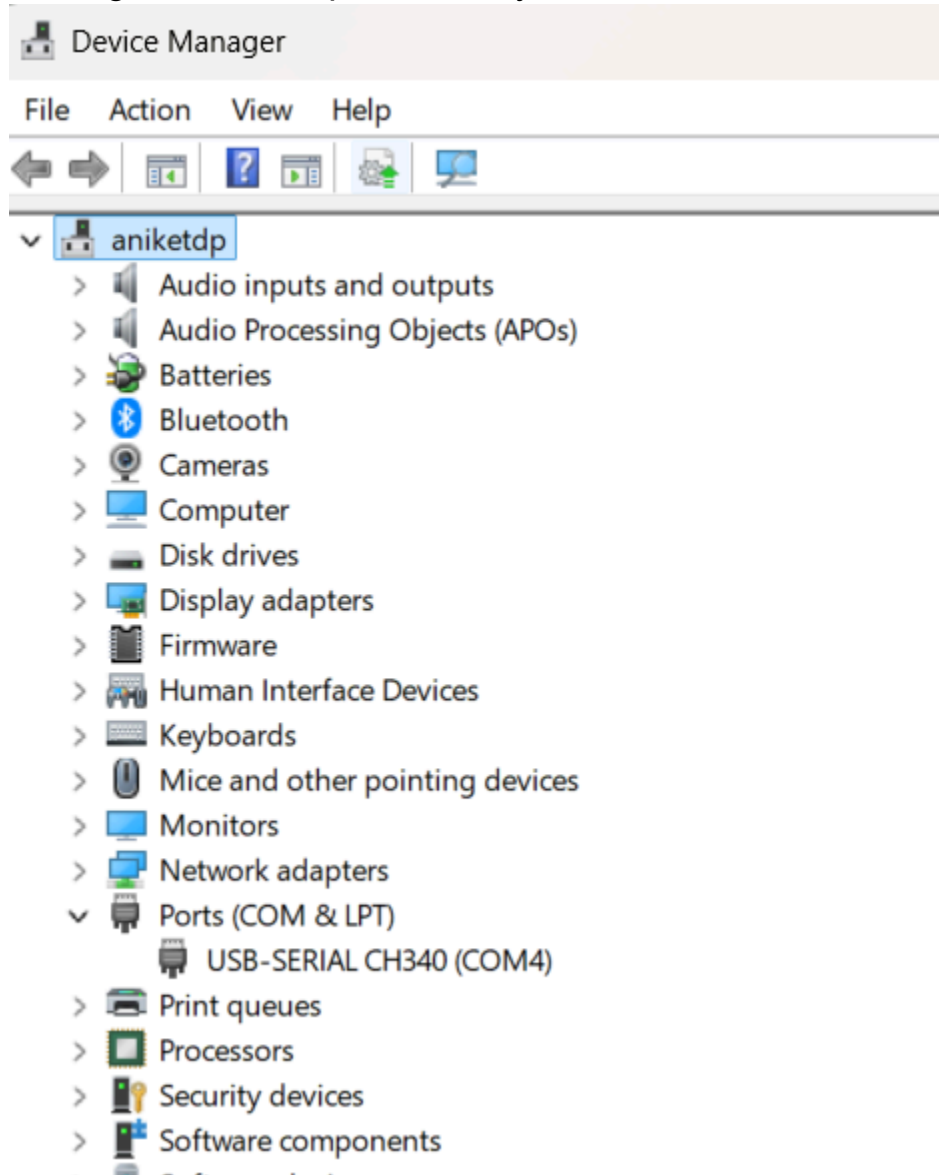


How to check if the port is detected or not

- Open device manager and Click on Ports If it displays the USB-SERIAL CH340, then it means the port is detected, and if nothing is visible in ports, then you need to follow the below steps

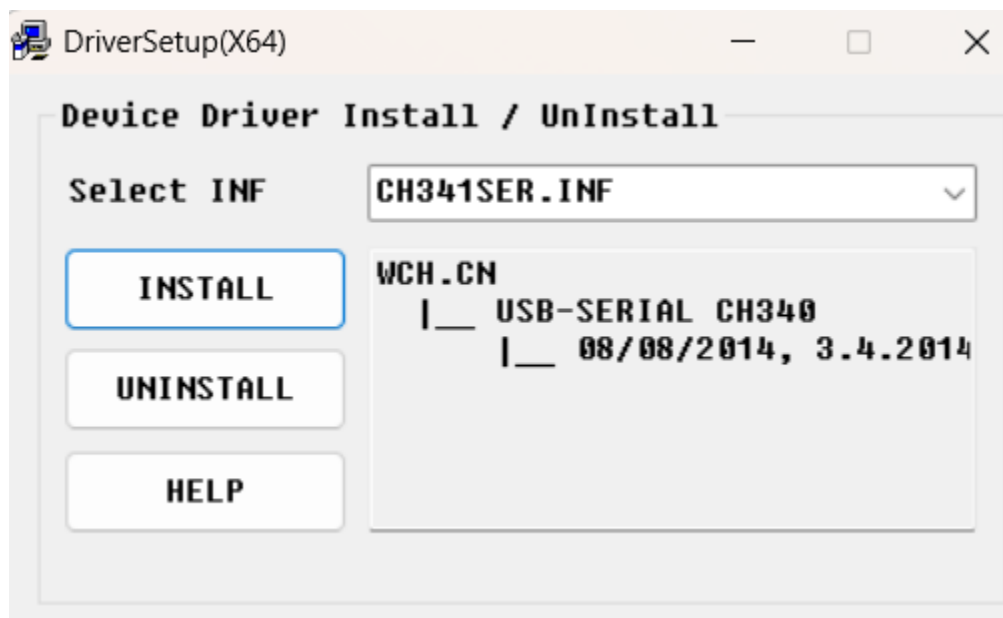


Follow this process only when your controller is not detected

CH340 Driver Installation:

For Windows:

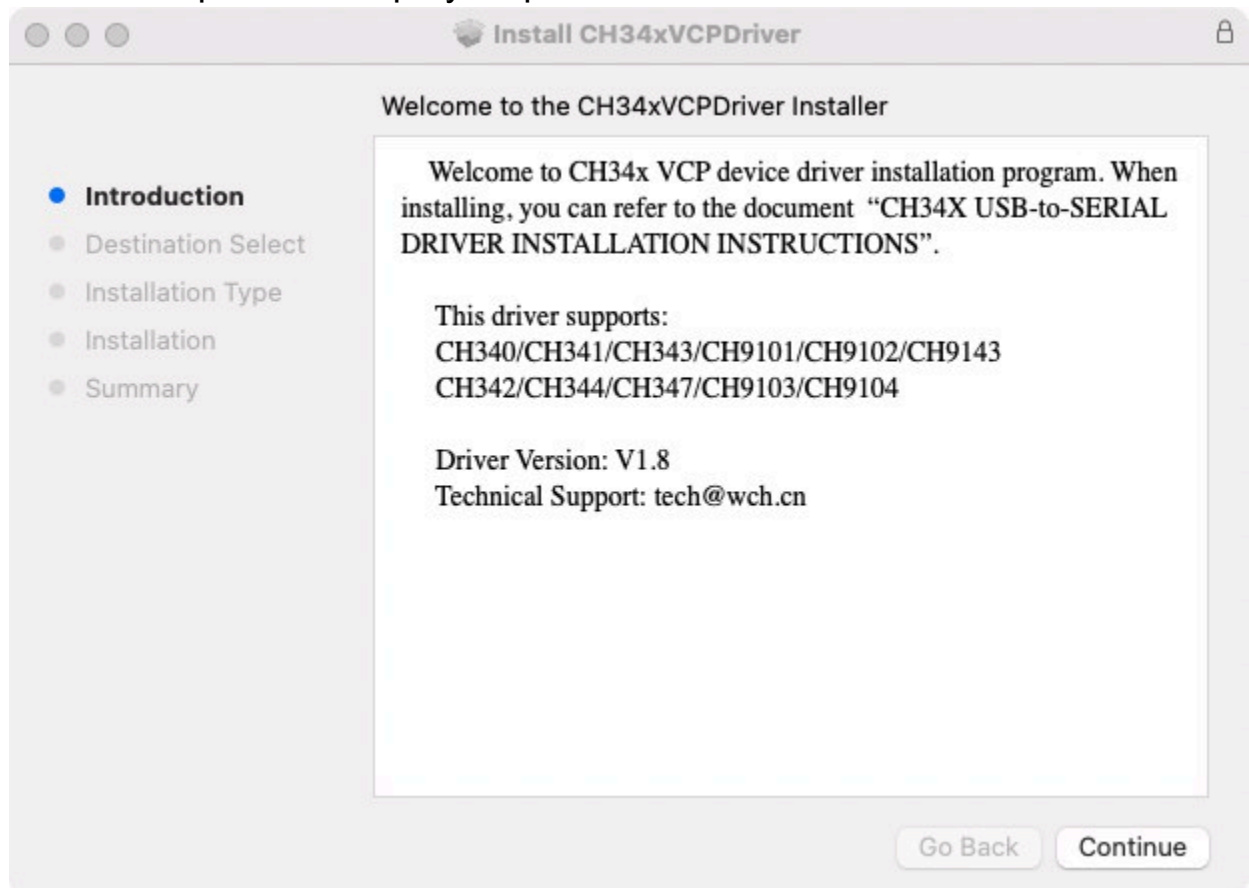
1. Click here to download the zip file of the CH340 driver.
https://sparks.gogo.co.nz/assets/_site/_downloads/CH34x_Install_Windows_v3_4.zip
2. Now extract the zip file.
3. Run the installer that you unzipped. (**Note:** Make sure your controller is connected with your laptop/PC.)

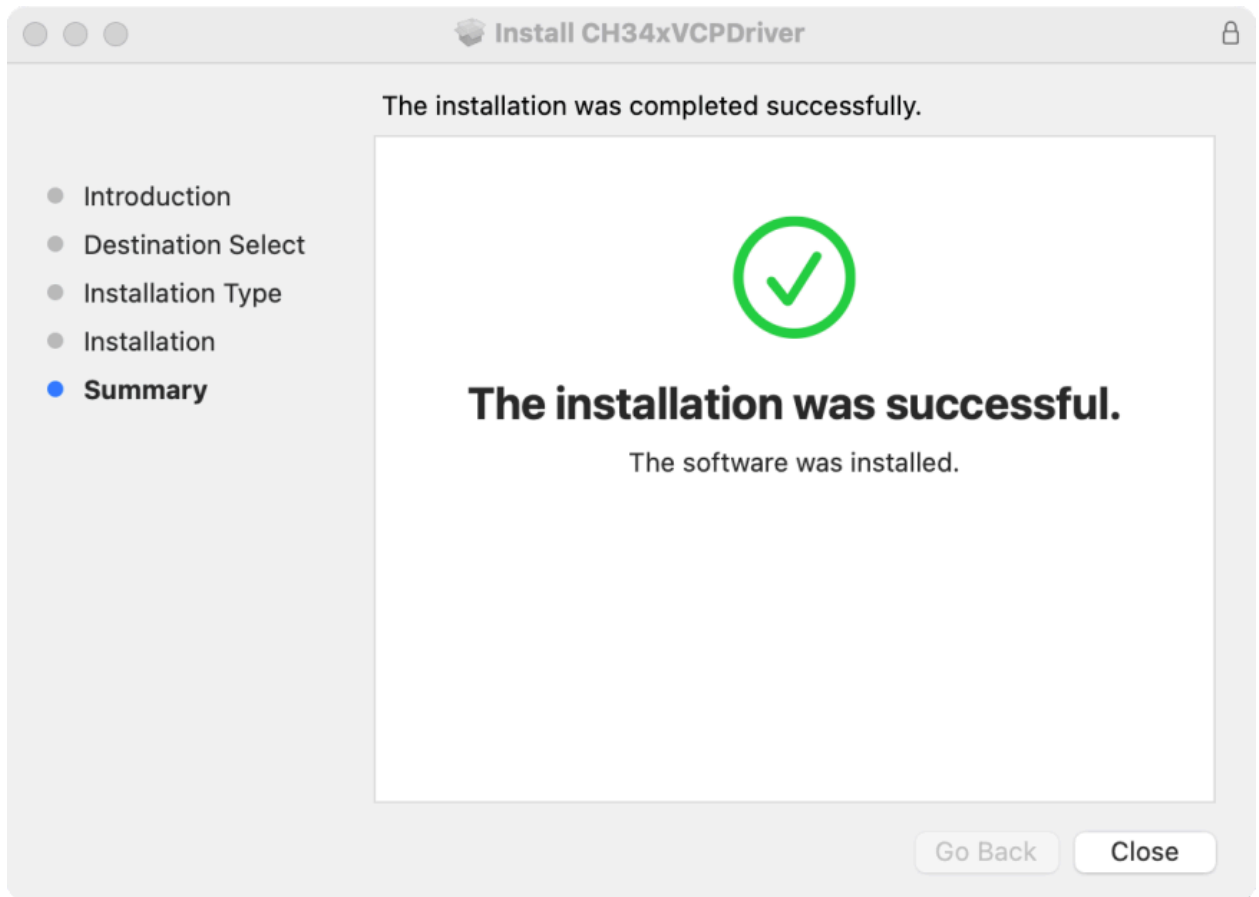


4. Click on install
5. Now you connect the Controller and check for the ports in your Device manager

For Mac OS:

1. Click here to download the zip file of the CH340 driver and unzip the file to a local installation directory.
Link: https://cdn.cytron.io/makeruno/CH341SER_MAC.ZIP
2. When using OS X 11.0 and above and the OS does not support Rosetta, the dmg format driver should be installed (follow step 4); otherwise, the pkg format driver should be installed by default (follow step 3).
3. When installing the pkg format driver, click on the driver file and continue to proceed step by step.





When installing the package format driver on OS X 11.0 and above, you need to perform the following additional operation: Open “LaunchPad” and find the “CH34xVCPDriver” application. Open the app and click the “Install” button.



When using OS X 10.9 to OS X 10.15, you need to click “Restart” to restart your computer, then perform the following steps after restarting



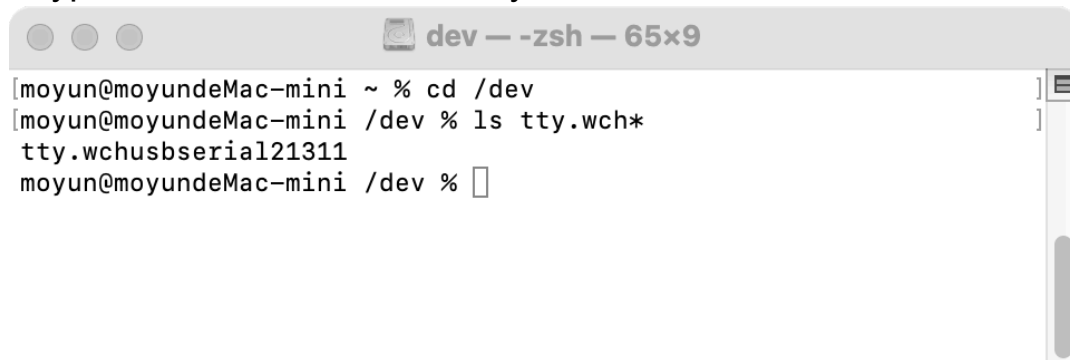
4. When installing the dmg format driver, you need to click the dmg file and drag “CH34xVCPDriver” into the application folder in OS, then open “LaunchPad” and find the “CH34xVCPDriver” application, open the app, and click the “Install” button.



5. When plugging the USB-to-SERIAL device into the USB port, you can open “System Report”->Hardware->USB; the right side is “USB Device Tree,” and you will find a device whose “Vendor ID” is **[0x1a86]** if USB device is working properly



6. Open the “Terminal” program under the Applications-Utilities folder and type the command “ls /dev/tty*.”.



You should see the "tty.wchusbserialx," where "x" is the assigned device number similar to Windows COM port assignment.

Note:

macOS High Sierra 10.13 introduces a new feature that requires user's approval before loading new third-party kernel extensions.

Link:

https://developer.apple.com/library/content/technotes/tn2459/_index.html

Please forward to “System Preferences”->“Security & Privacy”->“General” page, below the title Allow apps downloaded from:” choose the choice 2->“Mac App Store and identified developers so that driver will work normally

