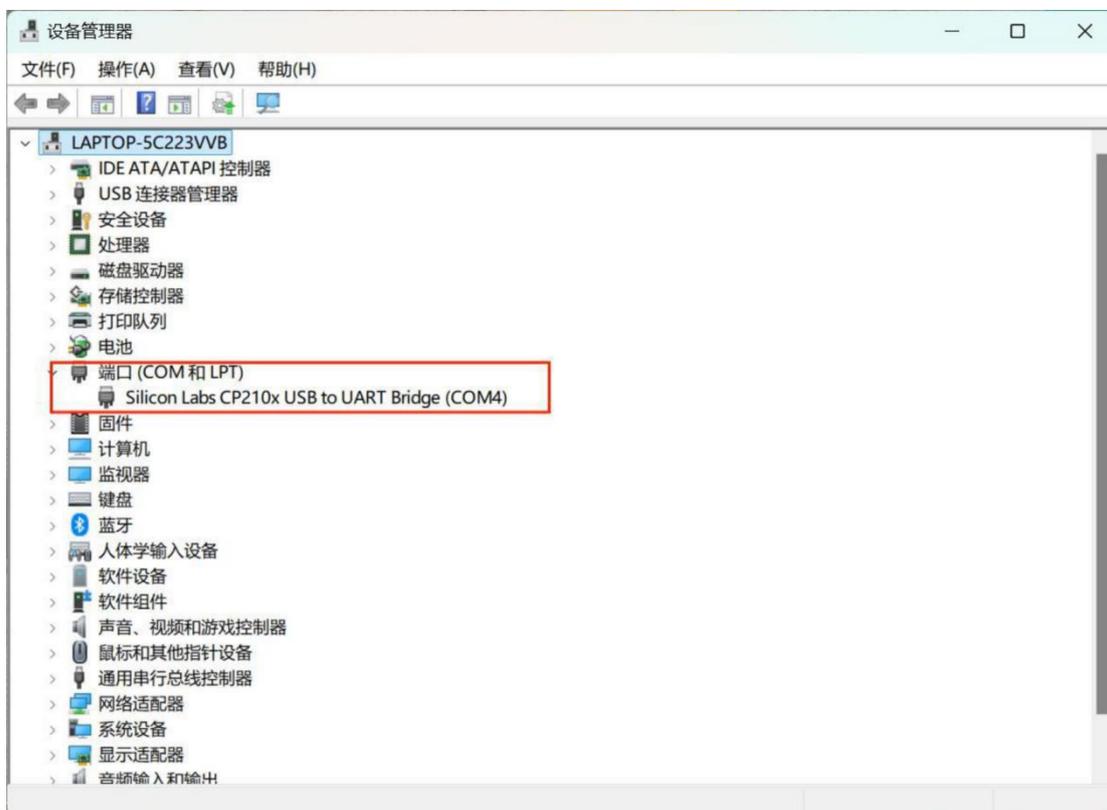


## Breeze FOC Series ESC Configuration File Download Operation Procedure and Precautions

ESC with CKESC Breeze FOC Series Products, If the customer wants to change the power configuration by himself, he needs to download the corresponding configuration file to the ESC, Can be used on a PC with a serial module **Breeze FOC Configuration Downloader** Configuration files can be sent to customer service after placing an order in this store, the specific operation procedures are as follows.

I. Prepare a computer. **Connect the serial download module to the USB port of your computer.** Open the device manager of your computer, check whether the serial module is connected normally, if it is connected normally, the following figure will show the port and port number (the port will not be shown if it is not plugged into the serial port).



II. If the port displays a red exclamation mark after inserting the serial module. **You need to install the USB to Serial driver.** The default installation location is fine. After installation, open the device manager again, plug and unplug the serial module, the exclamation mark disappears to indicate that the serial port is successfully connected, you can proceed to download the ESC configuration file.

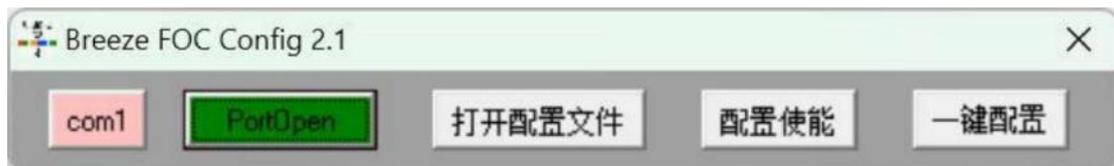
..				2020/1/26 20:38:36
x64				2020/1/26 20:38:36
x86				2017/9/28 1:58:32
CP210xVCPInstaller_x64.exe	340,210	1,049,848	应用程序	2017/9/28 1:58:32
CP210xVCPInstaller_x86.exe	327,422	924,408	应用程序	2017/9/28 1:58:32
dpinst.xml	418	11,568	XML 文档	2017/9/28 1:45:42
SLAB_License_Agreement_VCP_Windows.txt	3,286	8,370	文本文档	2017/9/28 1:46:16
slabvcp.cat	5,787	10,999	安全目录	2017/10/11 1:52:24
slabvcp.inf	2,324	14,485	安装信息	2017/10/11 1:52:24
v6-7-5-driver-release-notes.txt	5,287	14,306	文本文档	2017/10/17 6:49:48

III. **Unpack the Breeze FOC configuration downloader file installation package**, after unpacking there are BreezeCfg2.1 set up two files, BreezeCfg2.1 is the configuration downloader software. BreezeCfg2.1 is the configuration downloader software, and setup is the required components to run BreezeCfg2.1 (remember to install the components).

Icon	Name	Date	Type	Size
	Breeze FOC配置下载器	2024/11/29 17:37	WinRAR 压缩文件	4,347 KB
	BreezeCfg2.1	2024/11/29 11:56	应用程序	236 KB
	setup	2024/11/15 16:16	应用程序	5,709 KB

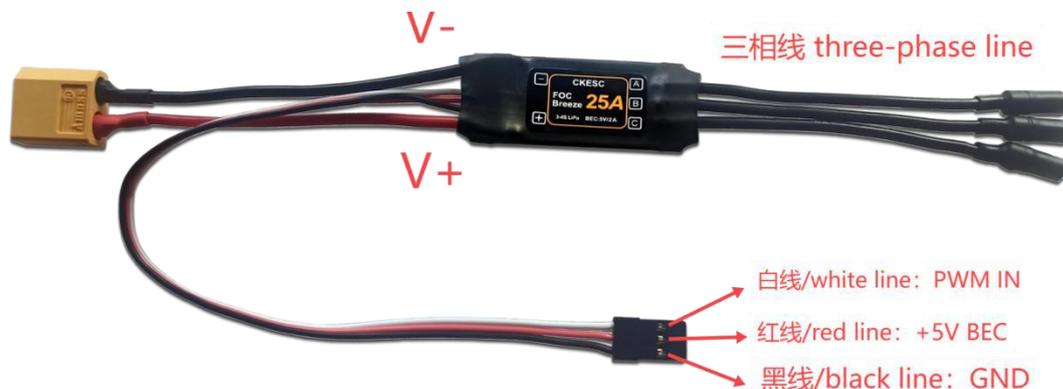
IV . first insert the USB to serial module, the ESC connected to the motor, ESC throttle line (white line PWM IN) and serial port on the TXD pin connected to the black line (GND) and serial port on the GND pin connected to the attention of the red line do not +5V BEC access to the serial port;

V. After opening BreezeCfg2.1 software, **click com1** to switch to the correct port number, this software only supports com1-com3, if the serial module is inserted into the USB port of the computer, the port number displayed is not the above port number, you need to change the port number of the USB-to-serial module and then insert the serial module; and then **click on PortOpen**, the highlighted port indicates that the serial port has been opened;



VI. and then the DC power supply (9-17V) or 3S/4S battery and ESC input V +, V - correctly connected (pay attention not to reverse, so as not to avoid damage to the ESC), ESC power on a few seconds after clicking on the **configuration of the enable**, the motor issued a “beep” that enables the success of the sound;

VII. Click to open the **configuration file**, find the saved configuration file (.cfg) on the computer, double-click to open, and then **click on the one-key configuration**, the motor sends out a “beep, beep, beep, beep, beep” on behalf of the configuration file is successfully brushed into the configuration file can be used after brushing a good configuration file.



### VIII. Precautions

If the serial module is inserted into the USB port of the computer and only displays COM4 or other (the configuration downloader software only supports com1-com3), and if you open the configuration downloader software to switch the port number and only displays the port error, then you can change the port number in the following way;

1. Insert the serial module, open the **device manager**.

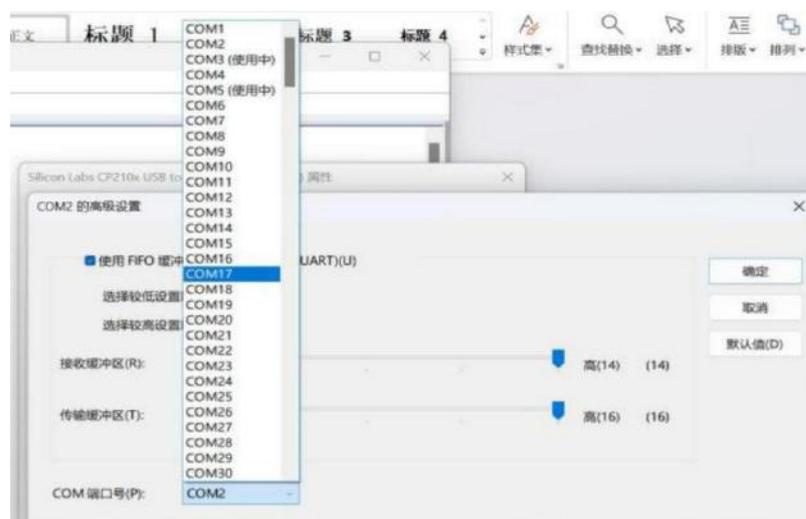


2. Display the port number column by clicking the right mouse button and then clicking **Properties**.

3. Switch to **Port Settings** Serial Port, and then click the **Advanced** option below.



4. Click COM Port Number below and select the **COM1-COM3** port numbers, then click **OK**.



5. Re-plug the serial module can be.