

上位机使用方法

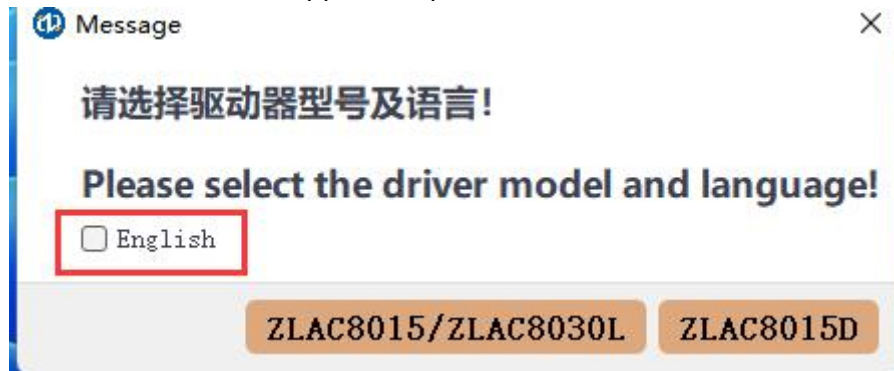
PC software Usage Method

一、选择中英文版本上位机

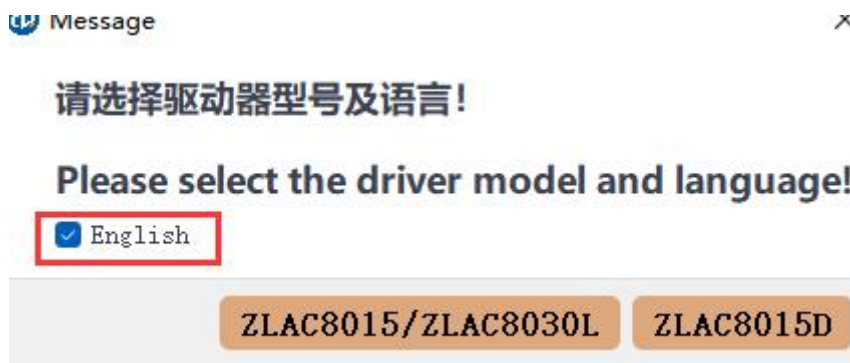
Select the Chinese and English versions of the host computer

1、双击上位机应用文件→出现如下图对话框→选择“English”上位机就是英文版本→不选择上位机就是中文版本

Double-click the application file of the upper computer → the dialog box as shown below appears → select "English" for the upper computer is the English version → do not select the upper computer is the Chinese version



中文版本（Chinese version）



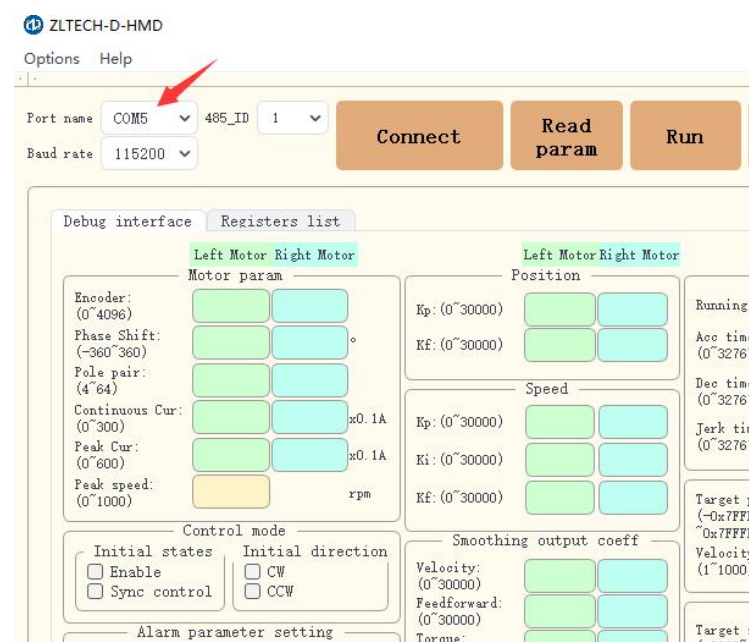
英文版本（English version）

二、使用上位机控制电机运行.

Use PC software to control the motor's operation.

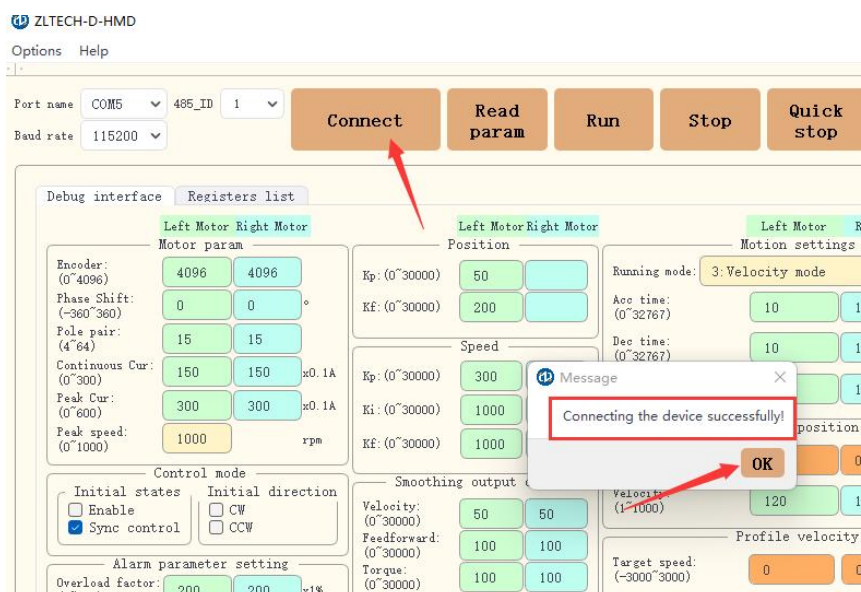
1. 给驱动器上电, 选择对应的串口、485 站号和波特率.

Power on the driver, then select the corresponding serial port, 485_ID and baud rate.



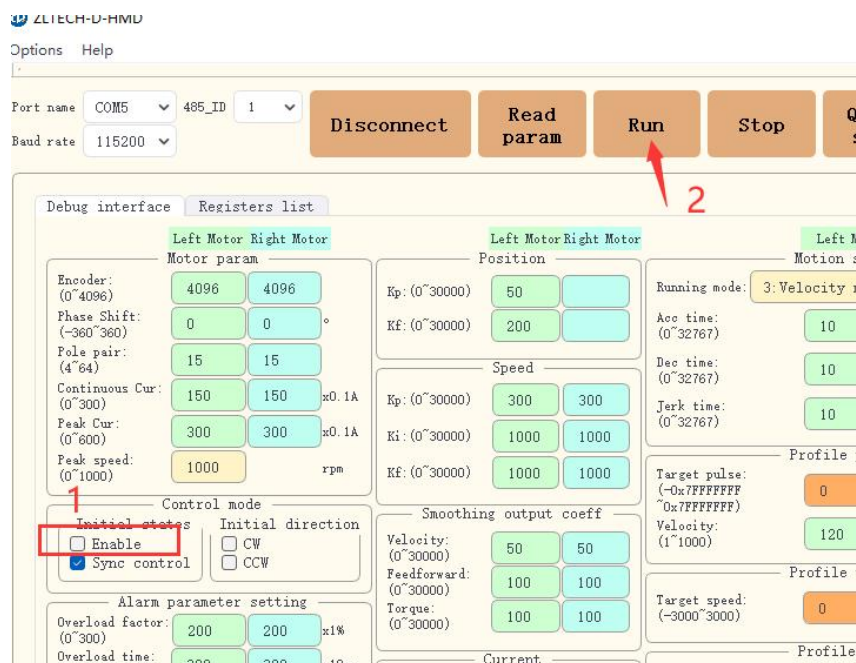
2. 选择好相应的串口后，点击“连接”按钮→上位机就会弹出“设备连接成功”且自动读取上位机界面的参数→再点击“OK”。

After selecting the corresponding serial port, click the "Connect" button → software will pop up "Connecting the device successfully" and read driver's parameters automatically→then click "OK"

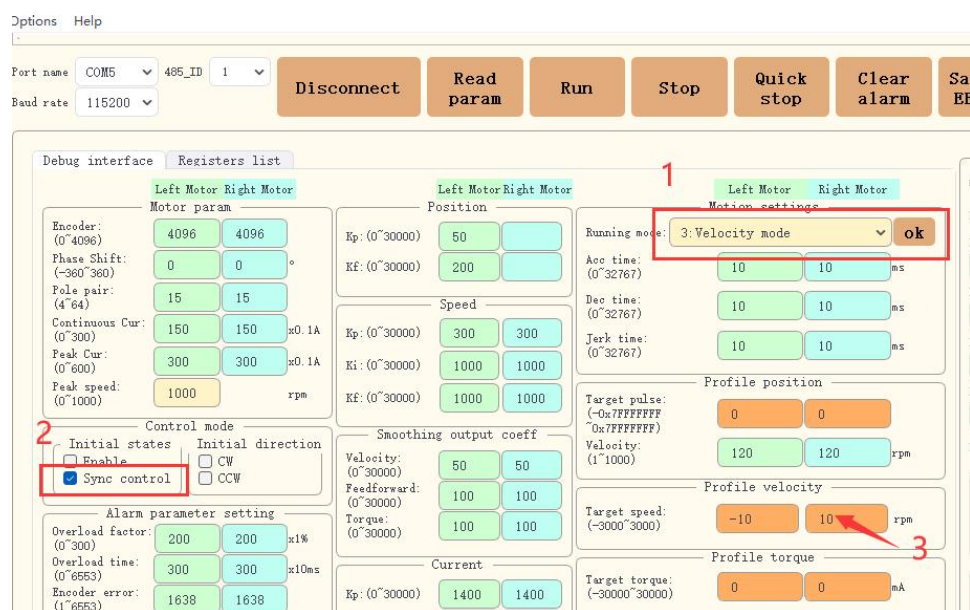


3. 先看上位机“上电使能”是否开启，没有开启就要先点击“启动”。

Check if the Initial state is "Enable". If not, please click "Run" firstly.



4. a: 以“速度模式”为例，先看界面的同步控制是否是“打钩”；
Take "velocity mode" as an example, check if the synchronization control is selected firstly;
 - b: 打钩就是同步控制、没打钩就是异步控制；
If synchronization control is selected, it means synchronous control; if it is not selected, it means asynchronous control;
 - C: 给定“目标速度”→按键盘的“Enter”键→电机运行。
Fill in target speed→press the "Enter" key on the keyboard→then motor runs.
- (其他模式使用以上同样的方法)
(In other modes this method could be used)



三、导出参数

Export parameters

1. 先点击“地址目录”→再点击“读取全部参数”。

Click "Register List" → then click "Read parameters".

ZLTECH-D-HMD

选项 帮助

串口号 COM5 485站号 1 波特率 115200

断开 读取参数 启动 停机

调试界面 地址目录

读取全部参数 导出参数

	寄存器(HEX)	名称	说明
1	2000	通信掉线保护时间	范围: 0~3276ms
2	2001	RS485自定义驱动器节点号	范围: 1~127
3	2002	RS485自定义通讯波特率	范围: 1~6
4	2003	输入信号状态	bit0,bit1:X0,X1两路输入口状
5	2004	输出信号状态	bit0,bit1:Y0,Y1两路输出口状
6	2005	反馈位置清零	范围: 0~3
7	2006	绝对位置模式当前位置清零	范围: 0~3
8	2007	上电锁轴方式	范围: 0~1
9	2008	电机最大转速	范围: 1~1000r/min
10	2009	寄存器参数设置	范围: 0~1
11	200A	CAN自定义驱动器节点号	范围: 1~127

ZLIECH-D-HMD

Options Help

Port name COM5 485_ID 1 Baud rate 115200

Disconnect Read param Run

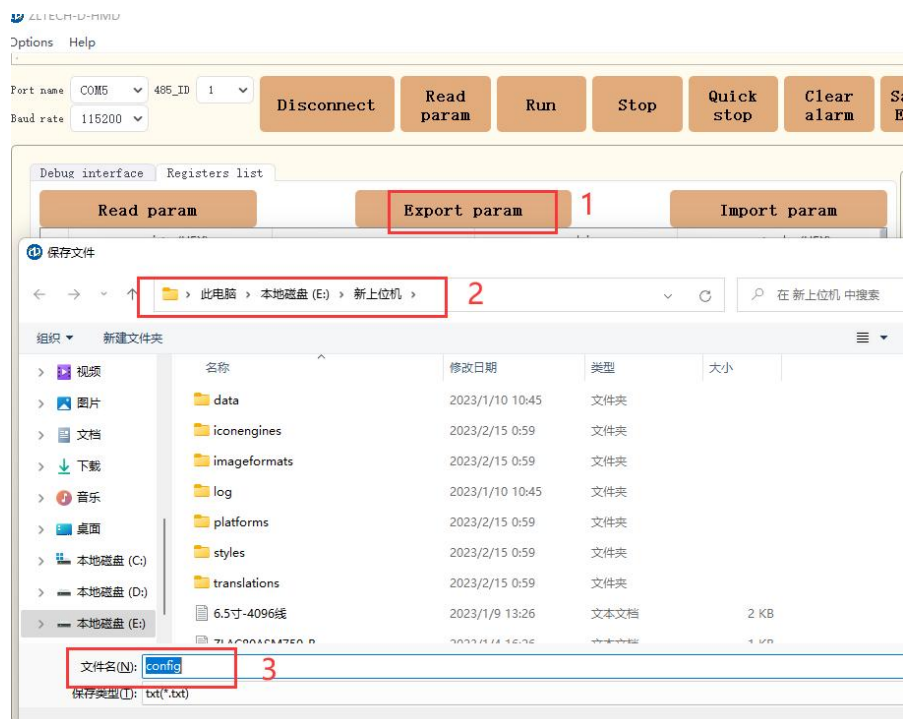
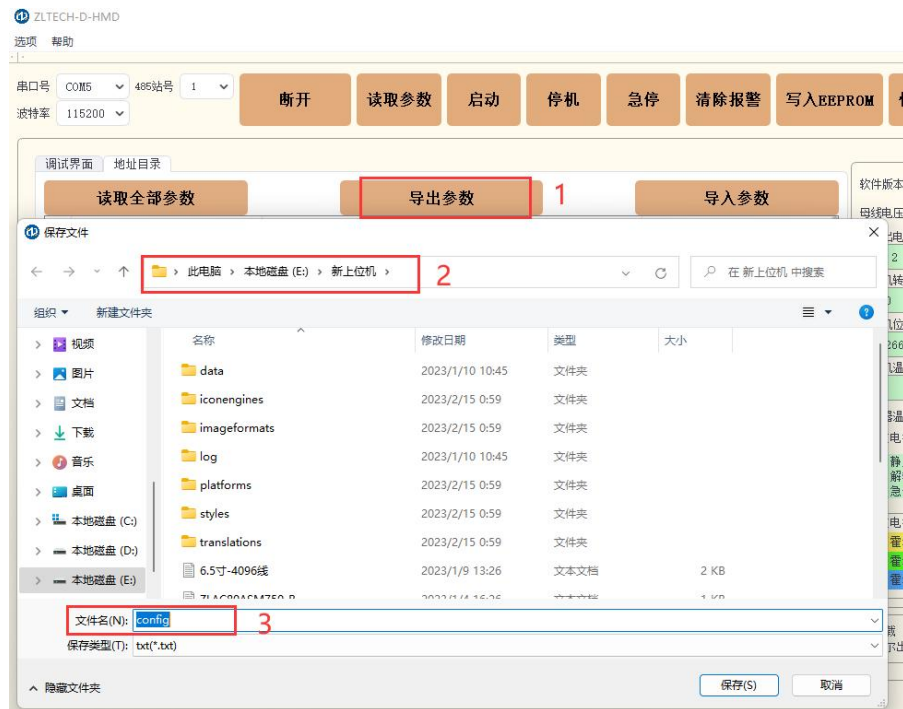
Debug interface Registers list 1

Read param 2 Export param

	register(HEX)	name	e
1	2000	Communication offline time	Range:
2	2001	RS485 Node ID	Rang
3	2002	RS485 Baud Rate	Ran
4	2003	Input signal status	bit0,bit1:X0,X'
5	2004	Out signal status	bit0,bit1:Y0,
6	2005	Clear feedback position	Ran
7	2006	Reset the zero point	Ran
8	2007	Driver initial state	Ran
9	2008	Maximum motor speed	Range:
10	2009	Register parameter settings	Ran
11	200A	CAN Node ID	Rang
12	200B	CAN Baud rate	Ran
13	200C	Reserve	R

2. 点击“导出参数”→选择保存参数的目录→修改保存参数的“文件名”。

Click "Export Parameters" →select the directory to save the parameters →modify the "file name" of saved parameters.



四、导入参数

Import Parameters

1. 点击“导入参数”按钮→选择想要导入参数的文件.

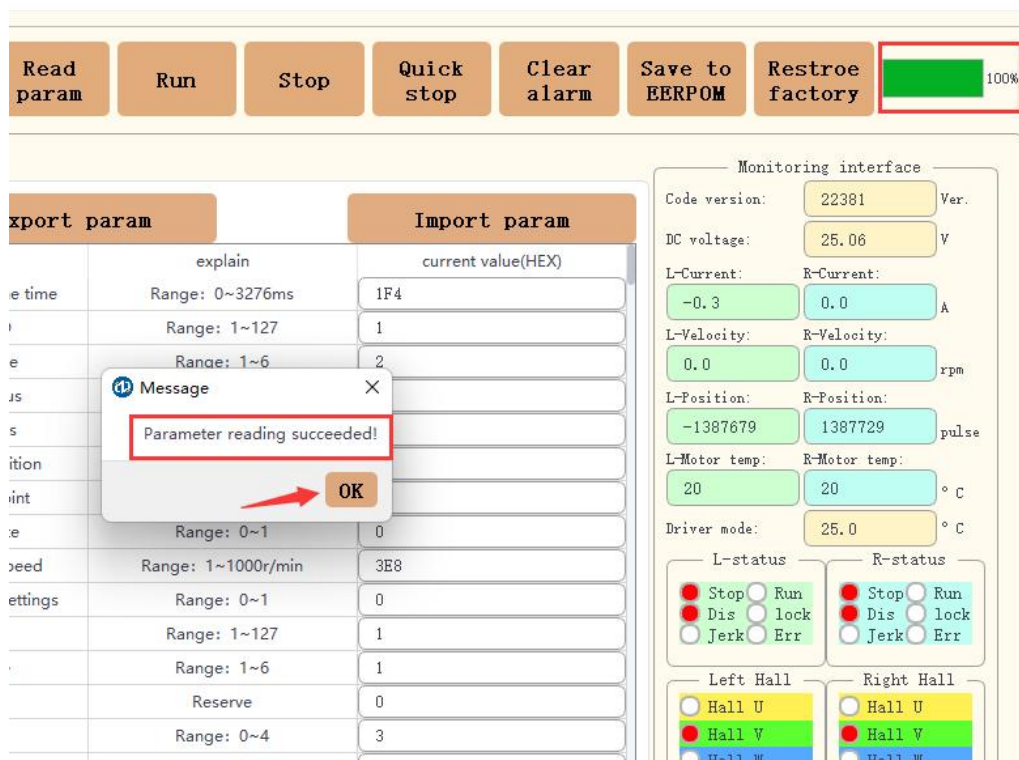
Click "Import Parameters" button → select the file to import parameters.



2. 选择相应文件之后进度条就开始变化，直到进度条到达 100%并弹出对话框

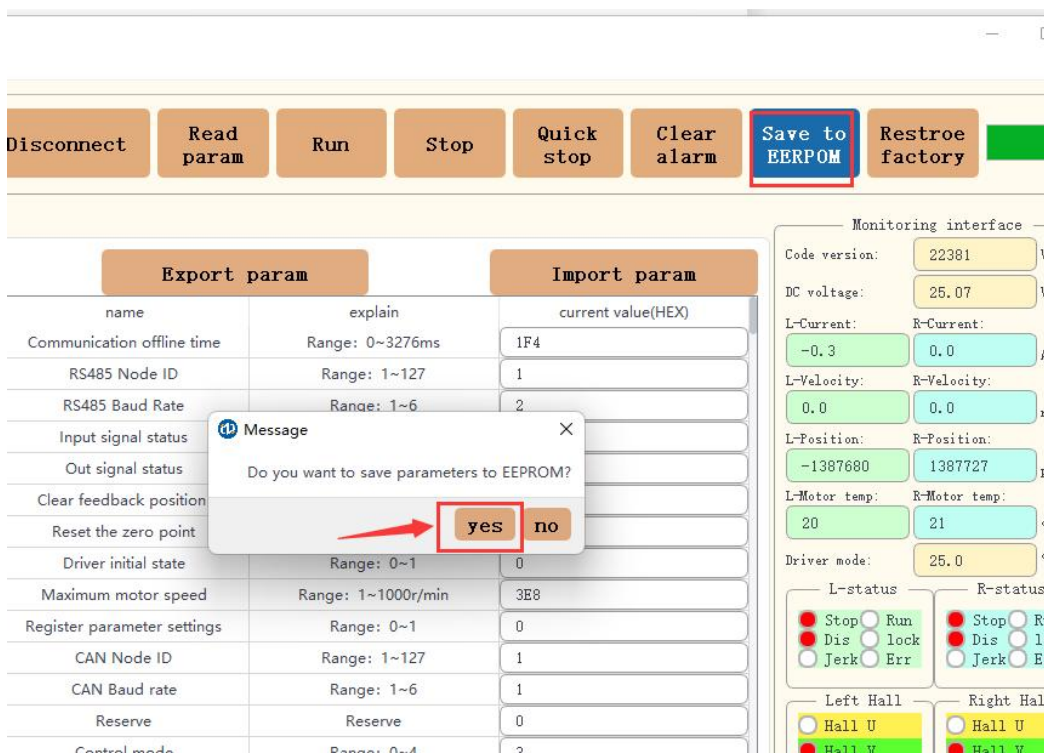
“参数读取成功”→点击“OK”。

After selecting the corresponding file, the progress bar will start then reaches 100%, and "Parameter reading succeeded" will pop up → click"OK".



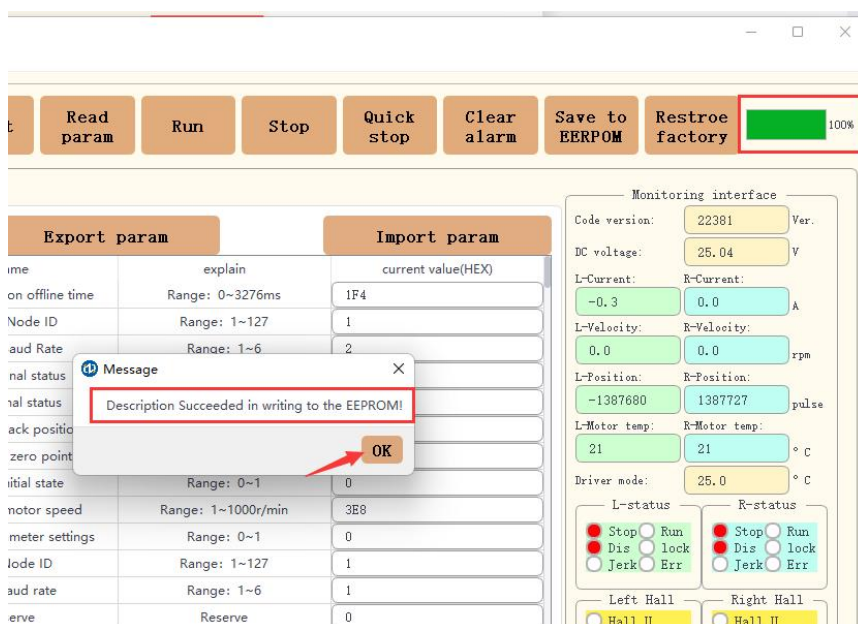
3. 点击“写入 EEPROM”按钮→弹出对话框点击“YES”。

Click "Save to EEPROM" button → click "YES" in the pop-up dialog box.



4. 点击“YES”之后进度条就会开始变化直到 100%并弹出对话框“写入 EEPROM 成功”字样→点击“OK”→重启电源。

After clicking "YES", the progress bar will start then reaches 100%, and "Write EEPROM successfully" will pop up→ click "OK"→ restart the power supply.



注意：写入 EEPROM 成功之后最好重启电源

Note: We suggest to restart the power supply after writing EEPROM successfully.