

HC-25 方案的 WiFi 模块，配置为现场直连

The WiFi module of HC-25 solution is set for on-site direct connection

*** 现场直连模式 ***

*** On-Site direct connection mode ***



*** 复位按钮的操作 ***

*** Reset button operation ***

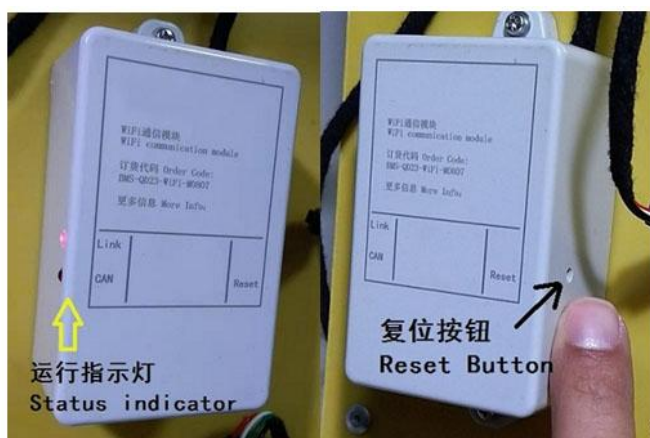
- 恢复默认的访问密码（不是 WiFi 密码）：按下按键保持，2 个 LED 同时闪烁；约 5 秒后，变为 1 个 LED 闪烁，此时松开按键，密码恢复为默认的 123456

Restore the default access password (not the WiFi password): press the key and hold pressing, two leds flash at the same time; After about 5 seconds, it will turn to 1 LED flashing, release the button at this time, and the password will return to the default password 123456

- 激活 WiFi 配置页面：按下按键保持，2 个 LED 同时闪烁，约 5 秒后变为 1 个 LED 闪烁，又经过 5 秒后 2 个 LED 全部停止闪烁，此时松开按键，WiFi 参数配置页面被激活，网络配置被清除，访问密码恢复为 123456。此时，请按照说明，及时完成网络参数配置，因为 WiFi 此时是没有密码的。

Activate the WiFi configuration page: press the button and hold pressing, and two leds flash at the same time. After about 5 seconds, one LED flashes, and after 5 seconds, all two leds stop blinking. At this time, release the button, the WiFi parameter configuration page is activated, the network configuration is cleared, and the access password is restored to 123456. In this case, please follow the instructions and complete the network parameter configuration in time, because you can enter WiFi without any password at this moment.

- 短按 1 次：清除 WiFi 模块的网络在线状态，触发 WiFi 模块与调试软件握手通信。普通用户基本不用这个功能，无需关注。Press the button one time to clear the network status of the WiFi module and trigger handshake communication between the WiFi module and the PC software. Users basically do not use this function, do not need to take care



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*** 准备工作 ***

*** Preparation ***

- 带有 WiFi 功能的安卓 4.0 以上的手机，或 Windows XP 以上的电脑

Phones with Android system+ WiFi, or computers with Windows XP or above

用牙签等绝缘物体，按住 WiFi 模块上的复位按钮，按照“复位按钮的操作”激活 WiFi 配置页面。激活成功后，会搜索到 HC-25 开头的一个临时 WiFi 信号，连接这个 WiFi，默认无需密码；

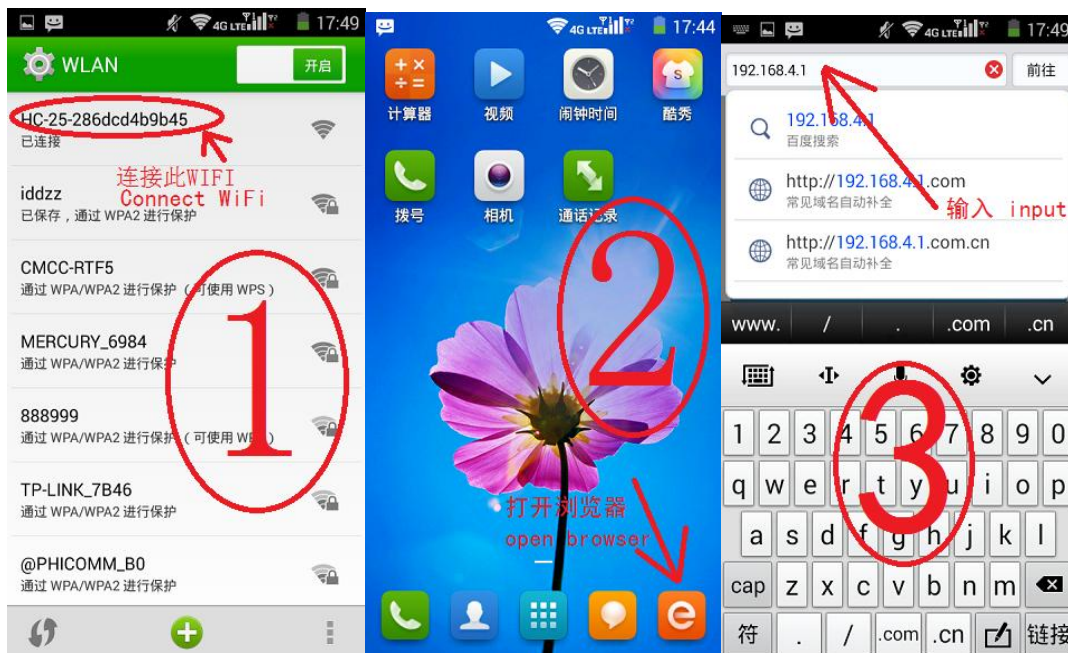
Press and hold the reset button on the WiFi module with an insulated stick such as a long thin piece of wood, and follow the "Reset Button operation" to activate the WiFi configuration page. After successful activation, a temporary WiFi signal at the beginning of HC-25 will be found. By default, no password is required to access to this WiFi.

确保电脑或手机只连接了这个 WiFi，而没有其它网络。例如，需要关闭手机的移动数据。

Make sure your computer or phone is only connected to this WiFi network and no other networks. For example, you need to turn off your phone's mobile data.

打开浏览器，输入 192.168.4.1，回车，进入登录页面；

Open the browser, enter 192.168.4.1, and press enter to enter the login page.



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无需输入登录密码，直接点击登录； Directly click login without entering the login password



图中标注五星符号的，为必须设置项；未标注五星符号的项目，保持默认即可。

If the five star symbol is marked in the figure, the item must be set; For items that are not marked with the five-star symbol, keep the default value.

如果没有特殊说明，请设置为与图中相同的参数。

If there are no special instructions, set the parameters as shown in the figure.

参数填写完成，最后一步，点击保存、确认，完成设置。然后重启 WiFi 模块。稍等几十秒，进行下一步。

Parameter filling is complete. In the last step, click Save and confirm to complete the setting. Then restart the WiFi module. Wait a few seconds for the next step.

HC-25 网页设置

串口设置:

- ★ 波特率: 9600
- ★ 校验位: NONE
- ★ 停止位: 1

AP参数设置:

- ★ 网络名称: BMS_WIFI_001
- ★ 网络密码: a20121221
- ★ 网络地址: 192.168.4.1

Station参数设置:

- ★ WiFi Mode: AP
- ★ IP地址类型: DHCP
- IP地址: 0.0.0.0
- 网络名称: NONE
- AP列表: huicheng 刷
- 网络密码: NONE

Socket参数设置:

- ★ Socket类型: Server
- ★ Socket协议: TCP
- ★ 远程IP: 192.168.4.1
- ★ 端口: 10000

HTTP参数设置:

正在保存屏幕截图...

☆ HC25配置界面 搜索

推送消息QOS: 2

推送消息主题: /tp

发送心跳时间(s): 60

保存
恢复出厂设置

网页AT指令

6

版本号: V1.6

州汇承信息科技有限公司

http://www.HC01.com

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备注 1: 这里是 WiFi 模块设置完成后, 发射的 WiFi 网络信号。请输入合适的名称, 便于查找识别连接。建议设置较为复杂的 WiFi 密码, 防止第三方随意连接这个 WiFi。

Note 1: This is the WiFi network signal transmitted after the WiFi module is set up. Please enter a suitable name so that you can find and identify the connection. You are advised to set a complicated WiFi password to prevent any third party from connecting to the WiFi.

备注 2: 电脑或手机软件中输入的地址和端口。如果您不懂网络技术, 请按照图中设置。

Note 2: The address and port entered in the computer or mobile phone software. If you do not know the network technology, please follow the Settings shown in the figure.

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*** Windows 电脑软件连接 BMS ***

* Windows PC software connected to BMS ***

WiFi 模块配置完成后，打开电脑的 WiFi 列表，出现了刚刚设置的 WiFi 名称，找到并连接它。

After the configuration of the WiFi module is complete, open the WiFi list of the computer, and the WiFi name that you just set appears. Find and connect it.



如果电脑有多个网络连接，建议断开其它的网络，否则有可能无法与 BMS 通信。

If the computer has multiple network connections, it is recommended to disconnect the other networks, otherwise it may not be able to communicate with the BMS.

启动资料包中“BMS-QD23_Windows.exe”的调试软件。

Start the debugging software of "BMS-QD23_Windows.exe" in the data package.

按照下图，调整软件参数，最后点击开始，如果全部参数配置正确，软件上就会显示出 BMS 的运行参数。

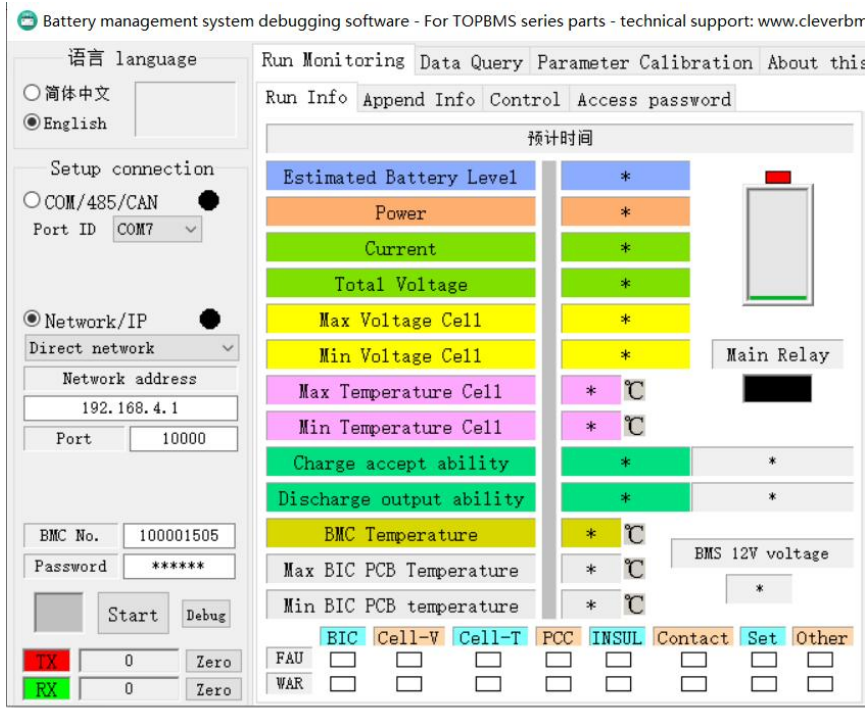
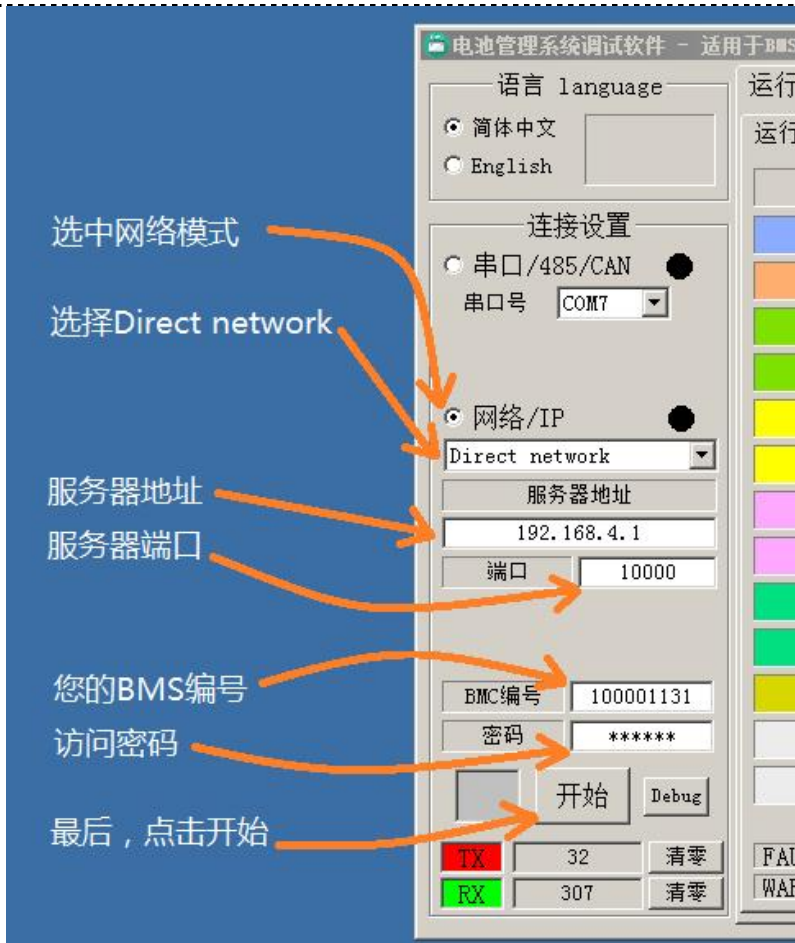
Adjust the software parameters according to the following figure, and click "Start" at last. If all parameters are correctly configured, the running parameters of BMS will be displayed on the software.

下图的服务器地址和端口，与前面的 WiFi 模块设置中，图 5 的备注 2 相同

The server address and port in the following figure are the same as note 2 in Figure 5 in the WiFi module Settings above

下图的访问密码，不是 WiFi 密码，默认为 123456

The access password of below figure is not the WiFi password, and the default is 123456



***** 安卓手机连接 BMS *****

*** Android phone connected to BMS ***

目前，安卓手机 app 仅提供数据查看功能，参数标定请在电脑端软件操作。

At present, you can check/monitor parameters via Android mobile phone app; Parameter changing can be operated on the computer software.

将资料包中“BMS_QD23.apk”文件复制到手机，然后安装到手机中。

Copy the "BMS_QD23.apk" file from the package to the phone, and then install it into the phone.

注意：需要给 APP 存储权限；Note: Need to give APP storage permission,

WiFi 模块配置完成后，打开 WiFi 列表，出现了刚刚设置的 WiFi 名称，找到并连接它。

After the configuration of the WiFi module is complete, open the WiFi list, and the WiFi name you just set appears. Find and connect it.

如果手机有多个网络连接，建议断开其它的网络，例如移动数据，否则有可能无法与 BMS 通信。

If the phone has multiple network connections, it is recommended to disconnect other networks, such as mobile data, otherwise it may not be able to communicate with the BMS.



下图的服务器地址和端口，与前面的 WiFi 模块设置中，图 5 的备注 2 相同

The server address and port in the following figure are the same as note 2 in Figure 5 in the WiFi module Settings above

下图的访问密码，不是 WiFi 密码，默认为 123456

The access password below is not the WiFi password, and the default is 123456

点击连接，如果配置过程正确，APP 即可显示 BMS 信息

Click Connect, if the configuration process is correct, the APP will show the BMS basic information

