



手柄无法配对处理方法



背景：

手柄更换后无法与头盔配对（ROM版本 4.6.14）

此方案需要操作人员有一定的技术研发能力，建议由技术人员操作完成

1：下载固件

下载460可用的头戴固件版本，**方便手柄配对**



FalconCV3Sta_sv4.66_PR_2022063
0_b466_app.bin
56.96KB



下载460可用的controller固件版本和station固件版本，**并拷贝到设备根目录**



FalconCV3Ctrl_sv1.40_tv10_20220
207_b140_app.bin
131.55KB



FalconCV3Sta_sv1.44_20220117_b
144_app.bin
120.91KB



2: 头盔的准备工作（重要！否则升级无法成功）



头盔开启USB调试，确保执行 adb devices，能检测到设备

手动关闭头盔定位追踪

将头盔的Psensor用标签贴住（保证头盔不灭屏）

先升级controller，再升级station!

手柄无法配对时，需要先对头盔固件进行处理。（处理后记得配对手柄）

- 开始升级：

```
adb shell stationclient_test OTA sdcard/FalconCV3Sta_sv4.66_PR_20220630_b466_app.bin
```

- 升级完成，如下图：

```
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:50 progress=100
connect_callback,left Phoenix connect
```

如果升级到如下界面卡住，则再等待半分钟后，同样视为升级完成，按Ctrl+C结束

```
station stage:1 index=5051, total=5159
station stage:1 index=5052, total=5159
station stage:1 index=5053, total=5159
station stage:1 index=5054, total=5159
station stage:1 index=5055, total=5159
station stage:1 index=5056, total=5159
station stage:1 index=5057, total=5159
station stage:1 index=5058, total=5159
station stage:1 index=5059, total=5159
station stage:1 index=5060, total=5159
station stage:1 index=5061, total=5159
station stage:1 index=5062, total=5159
station stage:1 index=5063, total=5159
station stage:1 index=5064, total=5159
station stage:1 index=5065, total=5159
station stage:1 index=
```



```
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:1 progress=99
station stage:50 progress=100
connect_callback,left Phoenix connect
```

如果升级到如下界面卡住，则再等待半分钟后，同样视为升级完成，按Ctrl+C结束

```
station stage:1 index=5051, total=5159
station stage:1 index=5052, total=5159
station stage:1 index=5053, total=5159
station stage:1 index=5054, total=5159
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station stage:1 index=5056, total=5159
station stage:1 index=5057, total=5159
station stage:1 index=5058, total=5159
station stage:1 index=5059, total=5159
station stage:1 index=5060, total=5159
station stage:1 index=5061, total=5159
station stage:1 index=5062, total=5159
station stage:1 index=5063, total=5159
station stage:1 index=5064, total=5159
station stage:1 index=5065, total=5159
station stage:1 index=
```

4：检查是否升级成功

4.1：确认station升级成功

- 输入adb指令：adb shell stationclient_test stationver1
- 根据返回指令，与升级时的bin文件对比，如果版本号相同，则代表升级成功。

指令返回值：

```
C:\Users\Admin>adb shell stationclient_test stationver1
in client_test
in client_test, dlopen so
in client_test, CreateStationClient0
in client_test, CreateStationClient1
station version1 OP0144
```

- 显示 OP0144,则代表station回退成功

4.2: 确认controller升级成功（需手柄先与头盔配对）

- 按照步骤5，将手柄和头盔配对成功
- 输入adb指令：adb shell stationclient_test controller
- 根据返回指令，与升级时的bin文件对比，如果版本号相同，则代表升级成功。

指令返回值：

```
C:\Users\Admin>adb shell stationclient_test controller
in client_test
in client_test, dlopen so
in client_test, CreateStationClient0
in client_test, CreateStationClient1
left controller online, sn: PC1710MGFB180152W, sw:OP0140, hw:R3, touch_sw:10, addr:ed:e5:e9:79:4d:2c, icm42688
right controller online, sn:PC1710MGG5065152W, sw:OP0140, hw:R6, touch_sw:10, addr:5a:97:20:d5:16:08, icm42688
```

- 显示OP0140，则代表controller升级成功

5: 手柄和头戴配对

- 手柄端长按home + trigger，直至手柄震动两下，并且红蓝灯交替闪烁松开手，进入配对模式；
- 头戴端进入设置--手柄--添加手柄（如果当前头戴中有已经配对过的手柄，则不会显示添加手柄，会显示手柄已断开，此时需要先将手柄解绑，才能继续添加手柄）；
- 头戴端显示手柄模型，或者手柄震动一下后灯灭，代表配对成功。

6: 恢复头戴

1. 头戴进入设置--通用--打开定位追踪（如果不打开定位追踪，头戴则会变成3dof）。
2. 将遮挡P_senser的异物取出（如果不取出，头戴的进入休眠的时间会变长，增加耗电量）。
3. 重启头戴。