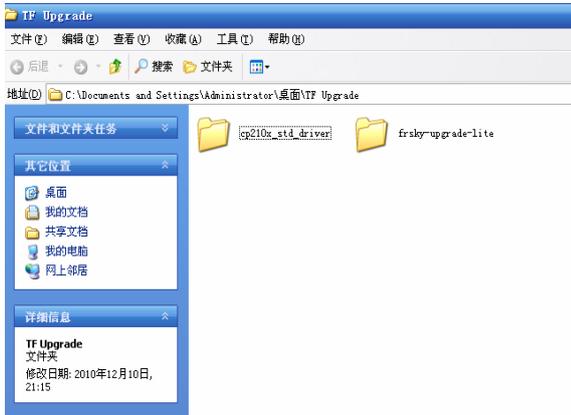# How-to for TFR8S Upgrade

Step 1:

Unpack the file to a new directory.

Plug FrSky serial/USB cable into computer port. Wait while Windows detects and install driver named "cp210x_std_driver" if USB cable is applied.
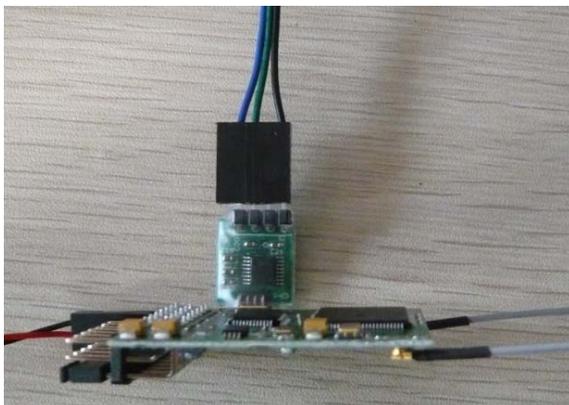
Step 2:

Unpack the receiver, and put it into BOOT LOADER PROGRAMMING MODE by linking CH7 and CH8 by a jumper.
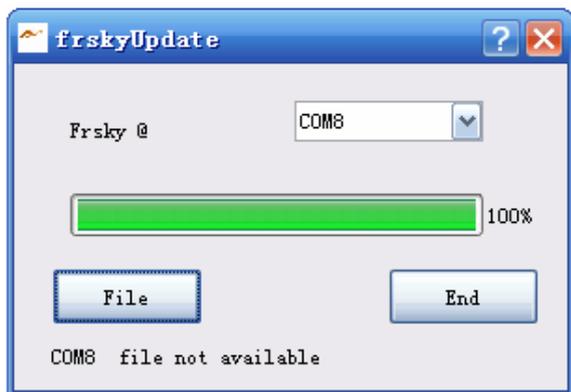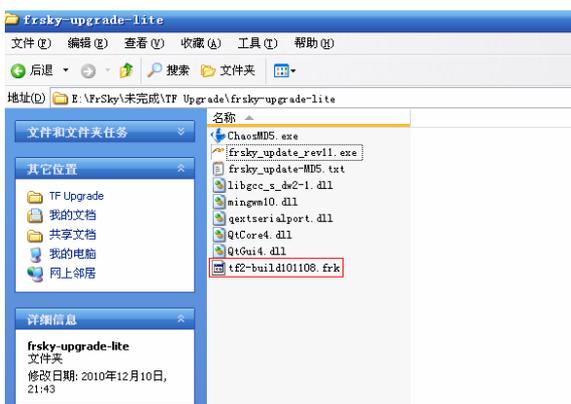
Step 3:

Connect the battery to the receiver.

Step 4:

Connect FrSky serial/USB cable, upgrade lite and the receiver. (Please find detailed connection ways on the last page.)
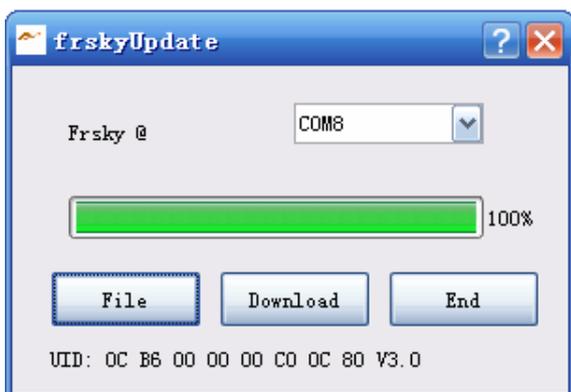
Step 5:

Run the program of "frsky_update_rev11.exe". Match the COM port number to the one assigned by Windows.
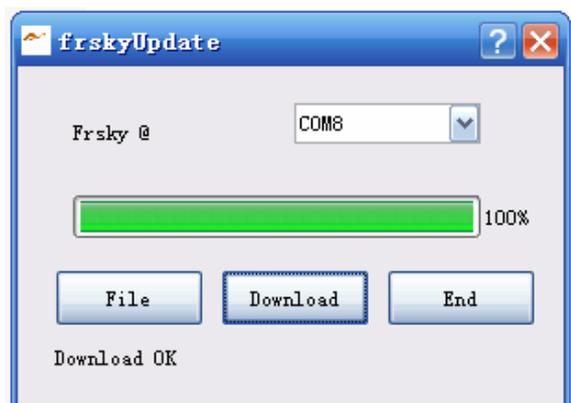

Step 6:

Click the "File" button and select the ROM named "tfp_build110415.frk" from where it was saved.

Step 7:

After getting the UID number, click the "Download" button to start the firmware upgrade.

Step 8:

Exit the process by clicking the "END" button after finish. Unplug the jumper from the receiver.

If fail in getting COM port number or UID number, please re-connect battery, FrSky serial/USB cable and re-start from the beginning.

Connection ways of FrSky serial/USB cable, upgrade lite and the receiver:

4:GND 2:TXD 1:RXD

1:RXD 2:TXD 4:GND

Connect to FrSky Serial cable/USB cable

1: RXD 2: TXD 4: GND

1: VCC 2: RXD 3: TXD 4: GND

Connect to Rx

4: GND 3: TXD 2: RXD 1: VCC