



Easy firmware update without AVR programmer

## RapidESC firmare update Required hardware and software



**Z** Download and unzip firmware upgrade package. Place its contents in the same folder, for example d:\firmware.

🗉 🕛 Universal Serial Bus controllers

Name	Date modified 🔶	Туре	Size
avrdude.exe	1/20/2010 3:09 AM	Application	306 KB
bs_nfet.hex	6/1/2012 2:09 PM	HEX File	9 KB
avrdude.conf	6/2/2012 10:38 AM	CONF File	494 KB
🚳 flash.cmd	6/2/2012 11:01 AM	Windows Command	1 KB

**3** Download latest RapidESC firmware files and place them in the same folder with firmware upgrade package.

Connect TURNIGY USB Linker to the ESC as shown. Note black wire must be connected to the "-" terminal of USB Linker. ESC must be powered (by battery or current-limited power supply). USB Linker does not power ESC.



ESC from abusemark are all using "bs\_nfet.hex" firmware. Double click "flash.cmd". Follow on-screen instructions - enter COM port (ex. COM2 - check Device Manager) and firmware filename. In the image below, user-entered text is underlined in green. On successful update, message underlined in red is displayed.

