**Bootloader software for PEAK CAN adapter**

Bootloader software is a simple console application able to update Volz servos via CAN bus using PEAK CAN adapter. The CAN bitrate is 500 kbit/s.

**Options:**

-w, --write Write firmware file to a servo

-c, --check Check firmware file with a firmware of a servo

-r, --reset Reset servo after successful actions, main firmware is started

-f, --file FILE Enter name of a firmware file

-i, --id 0..20 Unit identity (default: 0)

-p, --pcb 0..3 PCB identity (default: 1, 0 – simplex servo, 1 – ACE1, 2 – ACE2, 3 – eHall PCB)

-h, --help Print help screen

**Examples:**

**v\_bl.exe -f firmware.hex -w -r -i 0 -p 1**: write firmware.hex to a servo flash memory, reset bootloader after writing, use 0 as unit identity and ACE1 as updated PCB

**v\_bl.exe -f firmware.hex -c -r -i 0 -p 1**: compare firmware.hex with a content of a servo flash memory, reset bootloader after comparing, use 0 as unit identity and ACE1 as updated PCB

**v\_bl.exe -f firmware.hex -w -c -r -i 0 -p 1**: write firmware.hex to a servo flash memory, check the result and reset bootloader after comparing, use 0 as unit identity and ACE1 as updated PCB

**Warning:**

You have to install PEAK drivers first, v\_bl uses PEAK dll libraries and doesn’t install them automatically.