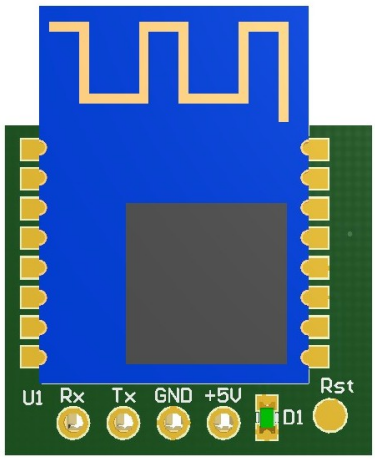
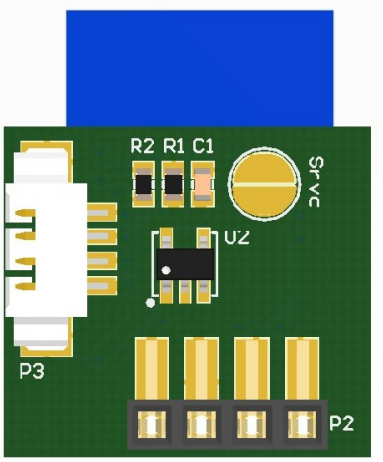
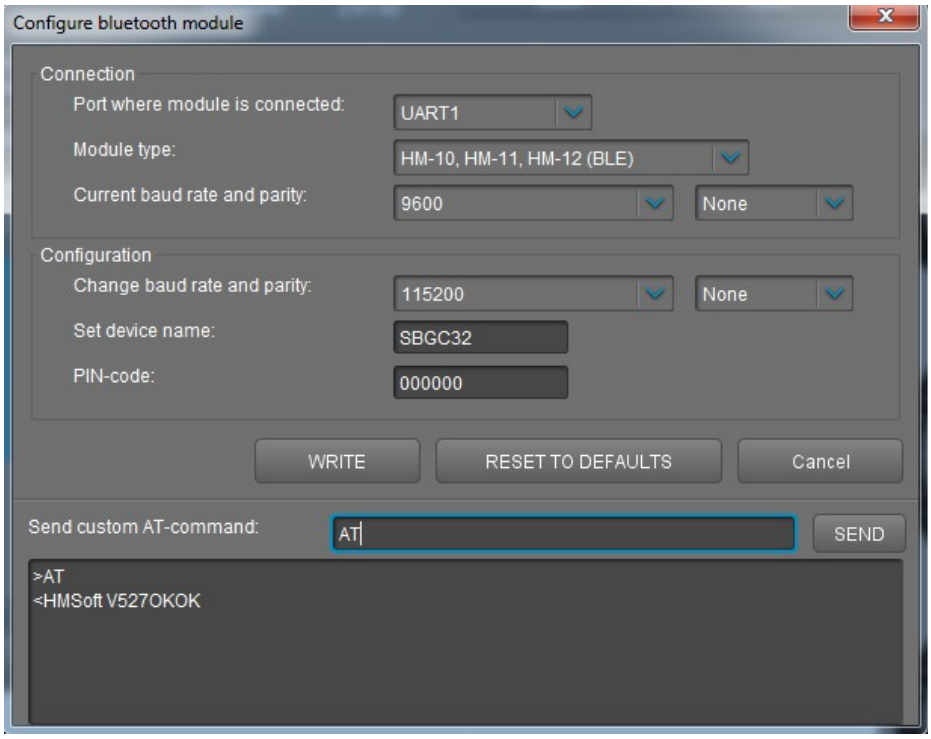
Basecam Bluetooth module configuration

Basecam Bluetooth module is based on the HM-11 module. And has factory settings: Baud: 9600, Parity: none, Data bits: 8, Stop bits: 1, PIN: 000000, Role: Slave





1. Connect the module to the controller (the controller should be turned off!) To UART1, UART2 or UART_RC.
2. In the GUI, go to menu "Board" → "Configure bluetooth". New dialog window will be opened:



3. In the "Connection" section select Module type → HM-10, HM-11, HM-12 (BLE) and "Current baud rate and parity" → 9600 and None. Specify a port where module is connected. Possible ports are:
   - **UART1** is the main serial-port, present in every SimpleBGC controller, and it is marked as [5V, Gnd, Rx, Tx].

- **UART_RC** is an additional serial-port combined with RC_ROLL (Rx) and RC_YAW (Tx) RC-inputs. To activate it choose a "RC_ROLL pin mode = SBGC Serial 2nd UART" mode in the RC tab and check that RC_ROLL and RC_YAW inputs are not assigned to other functions.
- **UART2** is an additional port present only on the "Pro" version.

4. (Optional step) To test the connection, send AT command to module by the button "SEND". The module should answer something like "HMSoft <ver>OK"
5. In the "Configuration" section select "Change baud rate and parity" → 115200, None. Set the desired device name and PIN-code. Click button WRITE.