

PRO3 / ECO3 / TCO3 SMS commands list

2013-04-23

SMS structure:

"(password) (command) (command text)"

Password – if there is no password, then you need to write one space symbol before the command.

Commands:

- "(password) coords" - current GPS status;
 - Example:
 - "pass coords"
 - Response example:
 - ✓ 2013-04-24 07:01, lat. 46.1443183, long. 11.881766, alt. 217.5, sat. 8, dir. 198.10, hdop 100, state 3

- "(password) version" - current Device version;
 - Example:
 - "pass version"
 - Response example:
 - ✓ 5402,00.02.15,1089,5,1
 - Description:
 - 5402 - version of boot loader
 - 00.02.15 - firmware version
 - 1089,5,1 - hardware version

- "(password) connect (ip,port,protocol)" – makes device temporary connection to server, connect info;
 - Example:
 - "pass connect 192.168.0.1,7011,TCP";
 - Response example:
 - ✓ connection data ok

- "(password) econnect (APN,user,pass,ip,port,protocol)" – emergency connection to server with APN parameters;
 - Example:
 - "pass econnect apn,apnlogin,apnpass,192.168.0.1,7011,TCP"
 - Response example:
 - ✓ Emergency connection data ok

- "(password) delrecords" – deletes device flash memory;
 - Example:
 - "pass delrecords"
 - Response example:

- ✓ All records deleted
- "(password) imei" – shows device IMEI;
 - Example:
 - "pass imei"
 - Response example:
 - ✓ IMEI: 010101010001101
- "(password) reset" – restarts device;
 - Example:
 - "pass reset"
 - Response example:
 - ✓ Resetting device
- "(password) getAPN" – shows device connection settings like APN (login, password), PORT, IP;
 - Example:
 - "pass getAPN"
 - Response example:
 - ✓ APN: User: PSW: IP: Port: 0 TCP/UDP: 0
- "(password) gsminfo" – GSM, GPRS info;
 - Example:
 - "pass gsminfo"
 - Response example:
 - ✓ ST:2013.04.20 23:26:33; OP 22210,lvl 15,LAC 20030, CID: 28289; M:I 126, R 125, SP: 0; GPRS 0:O 64, C 0, E 248; LK:O 575, E 1, TMO 126; RS: 04
 - GSM info answer description:*
 - ST - Device start up date and time;
 - M - Modem status indication;
 - I - modem_error.init - how many times modem was been tried to initialize;
 - R - modem_error.resets - how many times modem was reset;
 - SP - modem_error.status_pin_err - how many times modem turned ON and turned OFF unsuccessfully;
 - GPRS 0 / 1 - GPRS 0 - no GPRS / 1 - attached to GPRS;
 - O - GPRS opened, times;
 - C - GPRS closed, times;
 - E - errors;
 - LK - Link;
 - O - link opened, times;
 - C - link closed, times;
 - E - errors;
 - TMO - server response timeout;
 - RS - reset source;
 - 08, 03, 01 - reset was because of modem power loss;
 - 04 - reset because of watchdog;

10 - reset because of FW update;

- "(password) plock" - locks / unlocks ability to edit IP and port with 32 symbols password. Password can be provided by support
- "(password) setio" - sets Dout1 or Dout2 output level. Possible values: 1 (High) and 0 (Low.). With some DIN connections appears possibility to manage voltage level: +V or 0 V.
- "(password) getio" - in response we get info about all the input and output levels. High - 1, Low - 0. Ain1, Ain2 - analog value in mV.
- "(password) cainfo" - provides the information what configuration is needed to read info from vehicle's CANbus. CAN enable - is CAN reading enabled or not, Manufacturer - manufacturer (configuration's group) Type - more exact vehicle's model.
- "(password) clear obd" - resets all error codes in device.
- "(password) getecu" - SMS response provides s.n. of vehicle's computer if device is connected to K-line (FM-Tco3 only) and configured to read errors from OBD.
- "(password) getsd" - some info about SD card (HW version ≥ 7 only).
 - sector count - amount of sectors in SD card;
 - sector size - size of one sector;
 - SDrecordHead - the address in memory of record's end;
 - SDrecordTail - the address in memory of record's begin;