

FMB640 SMS/GPRS command list

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All commands are case sensitive. When user tries to send SMS/GPRS message to FMB640 that operates in Deep Sleep mode, it cannot arrive to FMB640 device because the GSM/GPRS module is disabled most of the time. FMB640 will receive the SMS/GPRS message when it exits Deep Sleep mode.

If FMB640 is in GPS Sleep or Online Deep Sleep mode, sent SMS/GPRS message will arrive to the device.

SMS command structure:

<SMS login><space><SMS password><space><command><space><value>

SMS command [getinfo](#) example:

- If you have set SMS login and password: login pass getinfo
- If SMS login and password are not set leave two spaces before command: getinfo

Common commands

| Command | Description | Response |
|--------------------------------|--|-----------------|
| getstatus | Modem Status information | Yes |
| getrecord | SMS command initiates saving and sending of high priority record | No |
| getcfgtime | Date and Time of last successful configuration | Yes |
| getgps | Current GPS data and time | Yes |
| getnmeainfo | NMEA error debug SMS | Yes |
| cpureset | Reset CPU | No |
| defaultcfg | Reset configuration to default | Yes |
| getver | Device / Modem / Code version information | Yes |
| getinfo | Device runtime system information | Yes |
| tacho_connect | Connect to Web Tacho immediately | Yes |
| web_connect | Connect to Fota WEB immediately | Yes |
| deleterecords | Delete all records saved on FLASH | Yes |
| getio | Readout digital inputs and outputs, analog inputs | Yes |
| banlist | Banlist information | Yes |
| crashlog | Crash log information | Yes |
| delete_all_sms | Delete all read SMS | Yes |
| braminfo | BatRam info | Yes |
| getgnss | Current GNSS information | Yes |
| resetlimits | Resets data counters | Yes |

| | | |
|--|--|-----|
| <i>getlimits</i> | Gets home/roaming uploaded data information | Yes |
| <i>scanfms</i> | Shows FMS elements that can be read from vehicle | Yes |
| <i>radio #</i> | Returns IO status, # AVL ID | Yes |
| <i>setdigout XXXX</i> Y1 Y2 Y3 Y4 | Set digital output 1. # - 0; 1 or ? (0 - OFF, 1 - ON or ? - Ignore) for DOUT1 2. # - 0; 1 or ? (0 - OFF, 1 - ON or ? - Ignore) for DOUT2 3. # - 0; 1 or ? (0 - OFF, 1 - ON or ? - Ignore) for DOUT3 4. # - 0; 1 or ? (0 - OFF, 1 - ON or ? - Ignore) for DOUT4 Y1 - timeout value for DOUT1 if needed (in seconds) Y2 - timeout value for DOUT2 if needed (in seconds) Y3 - timeout value for DOUT3 if needed (in seconds) Y4 - timeout value for DOUT4 if needed (in seconds) | Yes |
| <i>getparam #</i> | Readout parameter value according entered ID. # - ID value | Yes |
| <i>setparam #:#</i> | Sets selected parameter value 1.# - first ID value 2.# - New first Parameter Value 3.# - second ID value 4.# - New second Parameter Value 5.# - third ID value 6.# - New third Parameter Value | Yes |
| <i>setparam #:#;#:#;...</i> | SMS command is limited to 160 characters | |
| <i>flush</i> #,#,#,#,#,#,# | Redirects device to other server 1.# - IMEI 2.# - APN 3.# - LOGIN 4.# - PASS 5.# - IP 6.# - PORT 7.# - MODE (0-TCP/1-UDP) | Yes |

Commands related to features

| Command | Description | Response |
|---------------------------------|---|----------|
| <i>odoset:#</i> | Set total odometer value # - new odometer value in m | Yes |
| <i>odoget</i> | Display current odometer value | Yes |
| <i>odinfo</i> | Odometer Debug info | Yes |

[on_demand_trackingX](#) X=0 - Stops Tracking on Demand functionality.
 X=1 - Starts Tracking on Demand functionality. Yes
 X=2 - Generates one high priority record and initiates data sending to server.

Commands related to LV-CAN200/ALL-CAN300

| Command | Description | Response |
|---|---|----------|
| <u>lvcansetprog #</u> | Set program number to LV-CAN200/ ALL-CAN300 that is connected to FMx640. # - three digit number that identity vehicle | Yes |
| <u>lvcansimpletacho #</u> | Add or remove simpletacho start byte. # - 0 or 1 (0 - don't add start byte, 1 - add start byte) | No |
| <u>lvcangetprog</u> | Get program number from LV-CAN200/ ALL-CAN300 that is connected to FMx640 | Yes |
| <u>lvcangetinfo</u> | Get information about connected LV-CAN200/ALL-CAN300 | Yes |
| <u>lvcanclear #</u> | Clear Total Mileage (counted), Engine Work Time (counted), Fuel Consumed (counted) parameters values. # - parameter (0 - Engine work time (counted), 1 - Fuel Consumed (counted), 2 - Vehicle Mileage (counted)) | Yes |