

# Template:FMB640 SMS/GPRS command list

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

<a href="#"><i>getlimits</i></a>	Gets home/roaming uploaded data information	Yes
<a href="#"><i>scanfms</i></a>	Shows FMS elements that can be read from vehicle	Yes
<a href="#"><i>radio #</i></a>	Returns IO status, # AVL ID	Yes
<a href="#"><i>setdigout XXXX Y1 Y2 Y3 Y4</i></a>	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
<a href="#"><i>getparam #</i></a>	Readout parameter value according entered ID. # - ID value	Yes
<a href="#"><i>setparam #:#</i></a>	Sets selected parameter value 1.# - first <a href="#">ID value</a> 2.# - New first Parameter Value 3.# - second <a href="#">ID value</a> 4.# - New second Parameter Value 5.# - third <a href="#">ID value</a> 6.# - New third Parameter Value	Yes
<a href="#"><i>setparam #:#;#:#;...</i></a>	SMS command is limited to 160 characters	
<a href="#"><i>flush #,#,#,#,#,#,#</i></a>	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
<a href="#"><i>odoset:#</i></a>	Set total odometer value # - new odometer value in m	Yes
<a href="#"><i>odoget</i></a>	Display current odometer value	Yes
<a href="#"><i>odinfo</i></a>	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
<a href="#"><u>lvcansetprog #</u></a>	Set program number to LV-CAN200/ ALL-CAN300 that is connected to FMx640. # - three digit number that identity vehicle	Yes
<a href="#"><u>lvcansimpletacho #</u></a>	Add or remove simpletacho start byte. # - 0 or 1 (0 - don't add start byte, 1 - add start byte)	No
<a href="#"><u>lvcangetprog</u></a>	Get program number from LV-CAN200/ ALL-CAN300 that is connected to FMx640	Yes
<a href="#"><u>lvcangetinfo</u></a>	Get information about connected LV-CAN200/ALL-CAN300	Yes
<a href="#"><u>lvcanclear #</u></a>	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